GM 27632

WELL LOGS, 2 NOTICES (TO BEGIN AND TO ABANDON BORING OPERATIONS), DAILY DRILLING REPORT WITH 8 DRILL STEM TESTS, WELL HISTORY REPORT OF SHELL STE-FRANCOISE ROMAINE NO 1

Documents complémentaires

Additional Files





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Énergie et Ressources naturelles
Québec

MINISTERE DES RICHESSES NATURELLES

LOI DES MINES

DEMANDE DE PERMIS POUR LE FORAGE D'UN NOUVEAU PUITS

(Cette demande en trois exemplaires, remplie en entier, et accompagnée de deux plans indiquant le site exact où l'on se propose d'effectuer un forage ou un sondage devra être soumise et approuvée avant le commencement des opérations).

En conformité avec la Loi des Mines et le "Règlement régissant l'exploration et la conservation du pétrole et du gaz naturel et la sécurité dans les travaux s'y rapportant", et des ordres ci-après, une demande est par la présente soumise en vue d'obtenir un permis de forage ou de sondage du:

SHELL STE-FRANCOISE ROMAINE NO. 1
(Nom & numéro du puits)

SOCIETE QUEBECOISE D'INITIATIVES PETROLIERES, 3340 de la Pérade, Ste-Foy, Québec.
(Nom & adresse du propriétaire du puits)

Sur le lot no 723-200 Rang Numéro XI

ou comté de Lotbinière Paroisse Ste-Françoise Romaine

Permis ( ) no 197

couvert par bail ( ) no

Le puits proposé sera situé à Lat.: 46°28'25" Long.: 71°54'57"
(coordonnées appropriées)

Altitude du terrain 281.40 pieds au dessus du niveau de la mer

Type d'appareil de forage neuf ou usagé

TUBAGE:	Diamètre	Poids	Grade	Marque	Neuf ou usagé	Profondeur en pieds	Sacs de ciment
1er							
2ième							
3ième							
4ième							
5ième	VOIR RAPPORT D'ABANDON ~~CI-ANNEXE~~						

Horizons d'eau, de pétrole et de gaz naturel et méthode de contrôle anticipée:

Le puits sera reconditionné par : Beta Well Services.
(Nom du contracteur)

Nom et adresse de l'agent ou du représentant de l'exploitant:

A. Vaillancourt
A/S: Soquip, 3340 de la Pérade,
~~Ste-Foy, Québec.~~

Nom de l'exploitant:

SOQUIP
3340 de la Pérade, Ste-Foy, Québec.
Signé par A Beauchemin
Titre Agent, Domaine Minier.
Date Le 17 juin 1975.

(A l'usage exclusif du Ministère des Richesses Naturelles)

APPROUVE

Permis no

Cette demande est approuvée sous la réserve des conditions suivantes:

Ministere des Richesses Naturelles, Québec
SERVICE DE LA DOCUMENTATION TECHNIQUE
Date: 9 FEV 1977
No GM: 27632

Date 19

Ministère des Richesses Naturelles

Ministère des Richesses naturelles

Loi des Mines

Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Documentation Technique

AVIS SIGNIFIANT L'INTENTION D'ABANDONNER UN PUITS OU DE SUSPENDRE LES TRAVAUX DE FORAGE

DATE: _____

No. G.M.: 27632

sous-ministre,
nistère des Richesses naturelles, Québec.

us déclarons par la présente nous être conformés aux "Règlements régissant l'e
ration et la conservation du pétrole et du gaz naturel et la sécurité dans le
vaux s'y rapportant", et nous désirons obtenir la permission d'abandonner (X
de suspendre les travaux de forage ( ), le ou vers le 21ème jour
janvier 1982, sur le puits connu comme Shell - Ste-Françoise Romaine No 1
sur le lot No. 723-200 Rang Onze (11) Canton ou seigneurie
Deschaillons Paroisse Ste-Françoise Romaine Comté Lotbinière

uvert par: Permis de recherche No. 197 Bail d'Exploration No. _____
Permis de forage No. 161

isons d'abandon ou de suspension du forage: La mise en production de ce puits non
nomiquement rentable.

équipement suivant: (appareil, chevalement, tubage) sera déménagé à _____
Shell - Saint-Flavien No 1 (Cèdres)

pétrole, et le gaz et l'eau rencontrés seront obturés comme suit:

trole: Tubage intermédiaire et bouchon de ciment, no 1 de 3 861 m à 2 830 m - no 2 de 2 327 m à 2 265 m - no 3 de 2 054m à 2 048 m - no 4 de 2 025 m à 1 984 m.

: Un bouchon récupérable permatatch à 1 455 m; no 5 bouchon de type "EZ Drill" bridge plug à 1 415 m; no 6 en ciment de 1 413 m à 1 403 m.

: Plaque d'acier soudée sur les tubages coupés 2 m sous la surface.

pétrole et le gaz seront contrôlés par: tubage d'acier et bouchons de ciment.

profondeur du forage était de 2 861 m K.B. et les tubages ont été insérés:

onne de ubage	Diamètre (mm)	Poids (kg/m)	Libre, ancré, cimenté	Profondeur (mètres)	Intention de retirer, mètres
Guide	508,0	133,9	cimenté	54 m	0 m
Surface	244,4	42,06	"	587m	0 m
Production	193,6	50,15	"	2 861m	0 m

diagrammes suivants ont été obtenus BHC A/L; GDGC; D-1/F/L; DIPLOG; M/L; Compsens/L

res opérations proposées Réamanagement de la base de forage.

ation à être effectuée par SOQUIP

esse Place d'Iberville Deux, 1175, rue de Lavigerie, C.P. 10 650, Ste-Foy (Qué.) - G1V 4P5

nt responsable sur le terrain Jean Boudreault

à Sainte-Foy (Québec), ce 7ème jour de mai 19 82

né par Cindi Lemieux Titre Chef du service des Titres fonciers

: Le ministre doit être notifié avant que les travaux commencent.

(A l'usage exclusif du ministère des Richesses naturelles)

APPROUVE

avis a été examiné et les travaux proposés sont approuvés sous la réserve de
itions suivantes:

_____ 19 __

Ministère des Richesses naturelles

COMPANY: SHELL QUEBEC LIMITEE

CLASS: New Field Wildcat

CONTRACTOR: Regent

LOGS RUN: See Below **

PROV. Quebec

UN	SEC	LAT.	LONG.
		46°28'25"	71 54 57

Lot 723-200, Range 11, Seigneurie Deschaillons, County of Lotbiniere

LSD. SEC. TWP. RGE. WEST MER.

WELL NAME: Ste-Francoise-Romaine No. 1

CO-ORDS: 1021170.838E 16889818.637N

ELEVATIONS: GRD. 281.4 KB 298.7

FORMATION TOPS	LOG Depth	True Vert. Subsea	Thick-ness	Lith.
Glacial Drift	18	(+ 281)	52	
Lorraine	60	(+ 239)	5390	sh&slt
Utica	5470	(-5151)	1209	Calc sh
Trenton	6683	(-6360)	787	Argill Ls
Black River	7473	(-7147)	77	Sl Ls
Chazy(?)	7550	(-7224)	37	Calc ss
Beekmantown	7587	(-7261)	597	Argill Dol&ss
Potsdam	8184	(-7858)	1044	qtz ss & arkosic ss
Middle Cambrian (?)	9229	(-8902)	100	Red Dol & ss
Precambrian	9329	(-9002)		meta-quartzite

SPUD DATE: Nov. 7/71

RIG RELEASE: Apr. 17/72

COMPLETION

T.D. 9385

P.B.D.

CASING RECORD

9 5/8" at 1926

7" at 6560

WELL STATUS D & A

PRODUCING ZONE

I.P.

**

Acoustilog 20 - 9378

Densilog 1928 - 9382

Dual Induction Focused Log 1928 - 8484

Diplog 1926 - 8478

Directional Log 1926 - 8478

Bond Log (Acoustilog in casing) 100 - 6510

Directional Survey 0 - 8478

DRILL STEM TEST RECORD

DST No. 1 4700-4902 T.O. 90 min. Flowed 4.6-2.6 MMCFGPD SIP 3580 to 2970 FP 987 to 624.

DST No. 2 6695 to 7116 misrun

DST No. 2A 6444 to 7116 partial misrun

DST No. 3 7530 to 7654 misrun.

DST No. 4 8367 to 8462 misrun

DST No. 5 8290-8486 T.O. 45 min. Rec. 4430 feet WC and 94 feet Mu SIP 60/165 min 3776-3745 FP 2174-2204 HP 5985

DST No. 6 6545 to 6765 misrun

DST No. 7 6532-7060 T.O. 90 min. Rec. 1500 SGCWC+M SIP 60/120 min 2434-1814 FP 1047-1230 HP 4797

DST No. 8 4700 to 4742 T.O. 12 hrs, SI 12 hrs., TO 32 3/4 hrs. Flowed 2.99-.349 MMCFGPD SIP 3536-2253, FP 1100-231 HP 4003

CORE RECORD:

Case No. 1 7591 to 7597 6' rec. 4.4' ss & dol

No. 2 8425 to 8439 14' rec. 14' ss

No. 3 8897 to 8927 30' rec. 30' ss

PERFORATIONS AND PRODUCTION TESTS

Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Documentation Technique

21632

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OTIS ENGINEERING CO. LTD.

SUBSURFACE PRESSURE MEASUREMENTS

1. BASIC DATA

Company SOQUIP
Address 3340 de la Perade, Ste. Foy
Field and Pool
Type of Test Flow
Perf./Open Hole Interval (KB) ft.
Elevation (CF) (KB) ft.
Pool Datum ft. (Subsea)
Element Serial No. 27061 Range 0 - 5500 psig
Calibration Equation 2745.8 -0.7

Well Name STE. FRANCOISE
Location (LSD)
Status: Oil Gas X Other: Specify
Date of Test November 26, 1975
Producing Through: X Tubing Casing
Mid-Point of Producing Interval (CF) ft.
Datum Depth of Well (From CF) ft.
Clock Range 180 Hours # 28103 S☒ D☐ I.H. # 28684
Date of Latest Calibration April 10, 1975

2. STATIC TEST

TOP

Tubing/Casing Pressure X GAUGE DWG 2750 psig
Run Depth (From CF) 4764 ft.
Temperature At Run Depth 100 °F
Gradient At Run Depth psi/ft.
Pressure At Run Depth psig

Shut-In TIme 3 Weeks hrs.
On Bottom/Off Bottom 1430-11-26/1443-12-3
Surface Temperature 35 °F
Pressure At Mid-Point Of Perforations psig
Datum Depth Pressure psig

3. CHART READINGS AND CALCULATIONS

Date	Depth Below CF Ft.	ACC Hours	Time	Deflection In/Inches	Correction P ± PC psig	Corrected Pressure psig	M.M.P. Press. or Gradient
Nov. 26	4764	0	1430 - On Bottom -	First 23/4 hrs. Not Legible.			
		3.00		1.1731	-2.7	3217.7	
		4.00		1.1733	"	3218.2	
		6.00		1.1738		3219.6	
		8.00		1.1743		3221.0	
Nov. 27		10.00	0030	1.1748		3222.4	
		12.00		1.1750		3222.9	
		14.00		1.1755		3224.3	
		16.00		1.1759		3225.4	
		18.00		1.1765		3227.1	
		20.00		1.1767	-2.6	3227.7	
		22.00		1.1772	"	3229.1	
		24.00		1.1772		3229.1	
		25.25	•	1.1773		3229.3	
	Dip	26.75	1.5	.6535	-0.1	1793.6	
		27.00	2.5	.6930	-0.3	1901.8	
		28.00	3.5	.8289	-1.1	2274.2	
		29.00	4.5	.9164	-1.7	2513.9	
		30.00	5.5	.9783	-2.1	2683.4	
		31.00	6.5	1.0182	-2.4	2792.7	
		32.00	7.5	1.0390	-2.5	2849.7	
		33.00	8.5	1.0477	-2.6	2873.5	
Nov. 28		34.00	0030 9.5	1.0537	"	2889.9	
		35.00	10.5	1.0585	-2.7	2903.0	
		36.00	11.5	1.0648	"	2920.3	
		37.00	12.5	1.0703		2935.4	
		38.00	13.5	1.0745	-2.8	2946.9	
		39.00	14.5	1.0794	"	2960.3	
		40.00	15.5	1.0829		2969.9	
		41.00	16.5	1.0860		2978.4	
		42.00	17.5	1.0897	-2.9	2988.5	
		43.00	18.5	1.0913	"	2992.9	
		44.00	19.5	1.0942		3000.9	

Ministère des Richesses Naturelles, Québec
SERVICE DE LA DOCUMENTATION TECHNIQUE
8 FEV 1977
Date:
No GM: 27632

REMARKS

Survey Company Otis Test By R. Westersund Computed By S. Fender Checked By

SUBSURFACE PRESSURE MEASUREMENTS

Company SOQUIP Location STE. FRANCOISE Page 2 of 27061

CHART READINGS AND CALCULATIONS

Date	Depth Below CF Ft.	ACC Hours	Time	Deflection In/Inches	Correction P ± PC psig	Corrected Pressure psig	M.M.P. Press. or Datum Press. psig
Nov. 28	4764	45.00	26.75	1.0962	-2.9	3006.3	
		46.00	27.75	1.0987	"	3013.2	
		47.00	28.75	1.1005		3018.2	
		48.00	29.75	1.1021		3022.5	
		50.00	30.75	1.1053		3031.3	
		52.00	33.75	1.1085		3040.1	
		54.00	35.75	1.1112	-2.8	3047.6	
		56.00	37.75	1.1136	"	3054.2	
Nov. 29		58.00	0030 39.75	1.1158		3060.3	
		60.00	41.75	1.1178		3065.8	
		64.00	45.75	1.1209		3074.3	
		68.00	49.75	1.1234		3081.1	
		72.00	53.75	1.1260		3088.3	
		76.00	57.75	1.1284		3094.9	
		80.00	61.75	1.1303		3100.1	
Nov. 30		84.00	0230 65.75	1.1326		3106.4	
		88.00	69.75	1.1343		3111.1	
		91.50	71.75	1.1360		3115.7	
			1000 - Opened to Flow				
		0		1.1360		3115.7	
		.25		1.0220	-2.4	2803.1	
		.50		.8890	-1.5	2438.8	
		.75		.8044	-0.9	2207.1	
		1.00		.7463	-0.5	2048.0	
		1.25		.7021	-0.3	1926.8	
		1.50		.6678	-0.1	1832.8	
		1.75		.6380	0	1751.1	
		2.00		.6101	+0.1	1674.6	
		2.25		.5922	+0.2	1625.6	
		2.50		.5742	+0.3	1576.2	
		2.75		.5567	+0.4	1528.3	
		3.00		.5418	+0.5	1487.5	
		3.25		.5314	"	1458.9	
		3.50		.5204	+0.6	1428.8	
		3.75		.5095	"	1398.9	
		4.00		.4982	+0.7	1368.0	
		4.50		.4818	"	1322.9	
		5.00		.4684	+0.8	1286.2	
		5.50		.4545	+0.9	1248.2	
		6.00		.4432	"	1217.1	
		7.00		.4289	+1.0	1178.0	
		8.00		.4087	+1.1	1122.6	
		9.00		.3852	+1.2	1058.2	
		10.00		.3642	+1.3	1000.6	
		11.00		.3489	+1.2	958.5	
		12.00		.3359	+1.2	922.8	
		13.00		.3255	"	894.3	
		14.00		.3162		868.7	
Dec. 1		15.00	0100	.3074		844.6	

SUBSURFACE PRESSURE MEASUREMENTS

Company SOQUIP Location STE. FRANCOISE Page 3 of 27061

CHART READINGS AND CALCULATIONS

Date	Depth Below CF Ft.	ACC Hours	Time	Deflection In/Inches	Correction P ± PC psig	Corrected Pressure psig	M.M.P. Press. or Datum Press. psig
Dec. 1	4764	16.00		.2992	+1.2	822.0	
		17.00		.2920	"	802.3	
		18.00		.2867		787.7	
		19.00		.2790	+1.1	766.5	
		20.00		.2728	"	749.5	
		21.00		.2661		731.1	
		22.00		.2582		709.4	
		23.00		.2541		698.1	
			0900 - Shut In For Build Up				
		0		.2541		698.1	
		.25		.2900	+1.2	796.8	
		.50		.3178	"	873.1	
		.75		.3480		956.0	
		1.00		.3711		1019.5	
		1.25		.3934	+1.1	1080.6	
		1.50		.4111	"	1129.2	
		1.75		.4300	+1.0	1181.0	
		2.00		.4475	+0.9	1228.9	
		2.25		.4614	+0.8	1267.0	
		2.50		.4776	+0.7	1311.4	
		2.75		.4923	"	1351.8	
		3.00		.5028	+0.6	1380.5	
		3.25		.5176	"	1421.1	
		3.50		.5272	+0.5	1447.4	
		3.75		.5374	"	1475.4	
		4.00		.5467	+0.4	1500.8	
		4.50		.5640	"	1548.3	
		5.00		.5774	+0.3	1585.0	
		5.50		.5898	+0.2	1619.0	
		6.00		.5972	"	1639.3	
		7.00		.6090	+0.1	1671.6	
		8.00		.6204	"	1702.9	
		9.00		.6315	0	1733.3	
		10.00		.6412	"	1759.9	
		11.00		.6537	-0.1	1794.1	
		12.00		.6625	"	1818.3	
		13.00		.6719		1844.1	
		14.00		.6814	-0.2	1870.1	
		15.00		.6902	"	1894.3	
Dec. 2		16.00	0100	.6972	-0.3	1913.4	
		17.00		.7050	"	1934.8	
		18.00		.7119		1953.7	
		19.00		.7189	-0.4	1972.9	
		20.00		.7245	"	1988.2	
		21.00		.7310		2006.1	
		22.00		.7373	-0.5	2023.3	
		23.00		.7435	"	2040.3	
		24.00		.7488		2054.9	
		25.00		.7538	-0.6	2068.5	

SUBSURFACE PRESSURE MEASUREMENTS

Company SOQUIP Location STE. FRANCOISE Page 4 of 27061

CHART READINGS AND CALCULATIONS

Date	Depth Below CF Ft.	ACC Hours	Time	Deflection In/Inches	Correction P ± PC psig	Corrected Pressure psig	M.M.P. Press. or Datum Press. psig
Dec. 2	4764	26.00		.7590	-0.6	2082.8	
		27.00		.7640	"	2096.5	
		28.00		.7688	-0.7	2109.6	
		29.00		.7741	"	2124.1	
		30.00		.7778		2134.3	
		31.00		.7828	-0.8	2147.9	
		32.00		.7874	"	2160.5	
		33.00		.7905		2169.1	
		34.00		.7955	-0.9	2182.7	
		35.00		.7996	"	2193.9	
		36.00		.8035		2204.7	
		37.00		.8065		2212.9	
		38.00		.8105	-1.0	2223.8	
		39.00		.8138	"	2232.8	
Dec. 3		40.00	0100	.8176		2243.3	
		41.00		.8204		2251.0	
		42.00		.8237		2260.0	
		43.00		.8263	-1.1	2267.1	
		44.00		.8292	"	2275.0	
		45.00		.8328		2284.9	
		46.00		.8358		2293.1	
		47.00		.8382		2299.7	
		48.00		.8414	-1.2	2308.4	
		49.00		.8448	"	2317.8	
		50.00		.8467		2323.0	
			End Of Chart				
			1443 - Pulled Recorders				

OTIS ENGINEERING CO. LTD.

SUBSURFACE PRESSURE MEASUREMENTS

1. BASIC DATA

Company SOQUIP
Address 3340 de la Perade, Ste. Foy
Field and Pool
Type of Test Flow
Perf./Open Hole Interval (KB) ft.
Elevation (CF) (KB) ft.
Pool Datum ft. (Subsea)
Element Serial No. 27060 Range 0 - 5500 psig
Calibration Equation 2743.1 -3.5

Well Name STE. FRANCOISE
Location (LSD)
Status: Oil Gas X Other: Specify
Date of Test November 26, 1975
Producing Through: X Tubing Casing
Mid-Point of Producing Interval (CF) ft.
Datum Depth of Well (From CF) ft.
Clock Range 180 Hours #28095 S☒ D☐ I.H. # 33151
Date of Latest Calibration April 10, 1975

2. STATIC TEST

BOTTOM

Tubing/Casing Pressure X GAUGE DWG 2750 psig
Run Depth (From CF) 4764 ft.
Temperature At Run Depth 100 °F
Gradient At Run Depth psi/ft.
Pressure At Run Depth psig

Shut-In Time 3 Weeks hrs.
On Bottom/Off Bottom 1430-11-26/1443-12-3
Surface Temperature 35 °F
Pressure At Mid-Point Of Perforations psig
Datum Depth Pressure psig

3. CHART READINGS AND CALCULATIONS

Date	Depth Below CF Ft.	ACC Hours	Time	Deflection In/Inches	Correction P ± PC psig	Corrected Pressure psig	M.M.P. Press. or Gradient
Nov. 26	4764	0	1430 - On Bottom -	First 1 3/4 hrs. Not Legible			
		2.00		1.1755	-2.4	3218.6	
		3.00		1.1756	"	3218.9	
		4.00		1.1759		3219.7	
		6.00		1.1761		3220.3	
		8.00		1.1767		3221.9	
		10.00		1.1770		3222.7	
		12.00		1.1772		3223.3	
		14.00		1.1777		3224.6	
		16.00		1.1780		3225.5	
		18.00		1.1785		3226.8	
		20.00		1.1787		3227.4	
		22.00		1.1789		3227.9	
		24.00		1.1793		3229.0	
		25.25		1.1793		3229.0	
	Dip	26.75		.6546	-2.4	1789.7	
		27.00		.7839	-2.8	2144.0	
		28.00		.8789	"	2404.6	
		29.00		.9540		2610.6	
		30.00		1.0051		2750.8	
		31.00		1.0333	-2.7	2828.2	
		32.00		1.0452	"	2860.9	
		33.00		1.0521		2879.8	
Nov. 28		34.00	0030	1.0599		2901.2	
		35.00		1.0638		2911.9	
		36.00		1.0692		2926.7	
		37.00		1.0740		2939.9	
		38.00		1.0793		2954.4	
		39.00		1.0821		2962.1	
		40.00		1.0855		2971.4	
		41.00		1.0892		2981.6	
		42.00		1.0916		2988.2	
		43.00		1.0938		2994.2	

REMARKS Friction evident in this recorder.

Survey Company Otis Test By R. Westersund Computed By S. Fender Checked By

INSTRUCTIONS: The original of this report shall be filed with the Oil and Gas Conservation Board, 603-6th Avenue S.W., Calgary, Alberta within thirty days of completion of the survey.

SUBSURFACE PRESSURE MEASUREMENTS

Company SOQUIP Location STE. FRANCOISE Page 2 of 27060

CHART READINGS AND CALCULATIONS

Date	Depth Below CF Ft.	ACC Hours	Time	Deflection In/Inches	Correction P ± PC psig	Corrected Pressure psig	M.M.P. Press. or Datum Press. psig
Nov. 28	4764	44.00		1.0967	-2.7	3002.2	
		45.00		1.0981	"	3006.0	
		46.00		1.1002		3011.8	
		47.00		1.1025		3018.1	
		48.00		1.1041		3022.5	
		50.00		1.1078		3032.6	
		52.00		1.1101		3038.9	
		54.00		1.1122		3044.7	
		56.00		1.1148	-2.6	3051.9	
Nov. 29		58.00	0030	1.1169	"	3057.7	
		60.00		1.1192		3064.0	
		64.00		1.1222		3072.2	
		68.00		1.1245		3078.5	
		72.00		1.1270		3085.4	
		76.00		1.1294		3092.0	
		80.00		1.1318		3098.5	
Nov. 30		84.00	0230	1.1333		3102.7	
		88.00		1.1356		3109.0	
		91.50		1.1369		3112.5	
			1000 - Opened to Flow				
		0		1.1369		3112.5	
		.25		1.0190	-2.7	2789.0	
		.50		.8718	-2.8	2385.1	
		.75		.8115	"	2219.7	
		1.00		.7438	-2.9	2033.9	
		1.25		.7100	-2.7	1941.4	
		1.50		.6737	-2.5	1842.0	
		1.75		.6442	-2.3	1761.3	
		2.00		.6169	-2.1	1686.6	
		2.25		.5940	-2.0	1623.9	
		2.50		.5755	-1.9	1573.3	
		2.75		.5585	-1.8	1526.7	
		3.00		.5462	-1.7	1493.1	
		3.25		.5324	-1.6	1455.3	
		3.50		.5189	-1.5	1418.4	
		3.75		.5069	-1.4	1385.6	
		4.00		.4973	"	1359.2	
		4.50		.4817	-1.3	1316.6	
		5.00		.4683	-1.2	1279.9	
		5.50		.4543	-1.1	1241.6	
		6.00		.4426	-1.0	1209.6	
		7.00		.4285	-0.9	1171.0	
		8.00		.4074	-0.8	1113.2	
		9.00		.3839	-0.6	1049.0	
		10.00		.3646	-0.5	996.1	
		11.00		.3491	-0.3	953.8	
		12.00		.3353	-0.2	916.1	
		13.00		.3249	-0.1	887.6	
		14.00		.3160	0	863.3	

SUBSURFACE PRESSURE MEASUREMENTS

Company SOQUIP Location STE. FRANCOISE Page 3 of 27060

CHART READINGS AND CALCULATIONS

Date	Depth Below CF Ft.	ACC Hours	Time	Deflection In/Inches	Correction P ± PC psig	Corrected Pressure psig	M.M.P. Press. or Datum Press. psig
Dec. 1	4764	15.00	0100	.3064	+0.1	837.1	
		16.00		.2996	+0.2	818.5	
		17.00		.2923	+0.3	798.6	
		18.00		.2852	+0.4	779.2	
		19.00		.2792	"	762.8	
		20.00		.2720	+0.5	743.1	
		21.00		.2659	+0.6	726.5	
		22.00		.2585	"	706.2	
		23.00		.2540	+0.7	693.9	
			0900 - Shut In For Build Up				
		0		.2540	+0.7	693.9	
		.25		.2914	+0.3	796.1	
		.50		.3228	-0.1	881.9	
		.75		.3487	-0.3	952.7	
		1.00		.3697	-0.5	1010.1	
		1.25		.3895	-0.7	1064.2	
		1.50		.4099	-0.8	1120.1	
		1.75		.4284	-0.9	1170.7	
		2.00		.4448	-1.0	1215.6	
		2.25		.4596	-1.1	1256.1	
		2.50		.4747	-1.2	1297.4	
		2.75		.4869	-1.3	1330.8	
		3.00		.5007	-1.4	1368.6	
		3.25		.5132	-1.5	1402.8	
		3.50		.5252	"	1435.7	
		3.75		.5373	-1.6	1468.8	
		4.00		.5464	-1.7	1493.6	
		4.50		.5628	-1.8	1538.5	
		5.00		.5766	-1.9	1576.3	
		5.50		.5886	"	1609.2	
		6.00		.5972	-2.0	1632.7	
		7.00		.6104	-2.1	1668.8	
		8.00		.6210	-2.2	1697.8	
		9.00		.6315	"	1726.6	
		10.00		.6421	-2.3	1755.5	
		11.00		.6530	-2.4	1785.3	
		12.00		.6619	"	1809.8	
		13.00		.6721	-2.5	1837.6	
		14.00		.6812	"	1862.6	
		15.00		.6896	-2.6	1885.5	
Dec. 2		16.00	0100	.6979	"	1908.3	
		17.00		.7048	-2.7	1927.1	
		18.00		.7117	"	1946.1	
		19.00		.7192	-2.8	1966.5	
		20.00		.7248	"	1981.9	
		21.00		.7322	-2.9	2002.1	
		22.00		.7380	"	2018.1	
		23.00		.7425		2030.4	
		24.00		.7479		2045.2	

SUBSURFACE PRESSURE MEASUREMENTS

Company SOQUIP Location STE. FRANCOISE Page 4 of 27060

CHART READINGS AND CALCULATIONS

Date	Depth Below CF Ft.	ACC Hours	Time	Deflection In/Inches	Correction P ± PC psig	Corrected Pressure psig	M.M.P. Press. or Datum Press. psig
Dec. 2	4764	25.00		.7535	-2.8	2060.6	
		26.00		.7580	"	2073.0	
		27.00		.7631		2087.0	
		28.00		.7682		2100.9	
		29.00		.7744		2118.0	
		30.00		.7789		2130.3	
		31.00		.7824		2139.9	
		32.00		.7866		2151.4	
		33.00		.7911		2163.8	
		34.00		.7950		2174.5	
		35.00		.7995		2186.8	
		36.00		.8029		2196.1	
		37.00		.8069		2207.1	
		38.00		.8094		2214.0	
		39.00		.8130		2223.8	
Dec. 3		40.00	0100	.8167		2234.0	
		41.00		.8197		2242.2	
		42.00		.8229		2251.0	
		43.00		.8269		2262.0	
		44.00		.8294		2268.8	
		45.00		.8328		2278.2	
		46.00		.8349		2283.9	
		47.00		.8385		2293.8	
		48.00		.8407		2299.8	
		49.00		.8441		2309.2	
		50.00		.8463		2315.2	
			End of Chart				
			1443 - Pulled Recorders				

RAPPORT DE RECONDITIONNEMENT

PUITS: SHELL STE-FRANCOISE ROMAINE NO. 1

DATE: 21 octobre 1975 NOMBRE DE JOURS: 33

ACTIVITE COURANTE: 08:00 Entrée des tiges

FLUIDE DE RECONDITIONNEMENT

Type:

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

REMARQUES:

Activités précédentes:

4 heures: Vidangé 32 barils de fluide par succion

Puits produit de l'eau et du gaz par intermittence

(Ecoulement trop faible pour être mesuré)

4½ heures: Tué le puits. Sorti les tiges.

Constaté que le bouchon de fond edt brisé.

2 heures: Entré dans le puits avec 2000' de tiges.

Fermé le puits pour la nuit.

Ministère des Richesses Naturelles, Québec
SERVICE DE LA
DOCUMENTATION TECHNIQUE
Date: 3 FEV 1977
No GM: 27632

RAPPORT DE RECONDITIONNEMENT

PUITS: SHELL STE-FRANCOISE ROMAINE NO. 1

DATE: 20 octobre 1975 NOMBRE DE JOURS: 32

ACTIVITE COURANTE: 08:00 Vidange du puits par succion

FLUIDE DE RECONDITIONNEMENT

Type:

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

REMARQUES:

Activités précédentes:

3 heures: Circulé et terminé la sortie des tiges

4 heures: Perforé l'intervalle 5630' à 5680' KB

3 heures: Entré les tiges et installé un "packer RTTS" à 5600' KB

3 heures: Récupéré par succion 62 barils d'eau alors que le niveau de fluide demeure constant à 2500' KB. Aucune trace de gaz.

RAPPORT DE RECONDITIONNEMENT

PUITS: SHELL STE-FRANCOISE ROMAINE NO. 1

DATE: 19 octobre 1975 NOMBRE DE JOURS: 31

ACTIVITE COURANTE: 08:00 Sortie des tiges

FLUIDE DE RECONDITIONNEMENT

Type:

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

REMARQUES:

Activités précédentes:

1 heure: Sortie des enregistreurs de pression. P.I.:100 psi P.F.: 1200 psi
Indications d'une formation à faible perméabilité.

2 heures: Purgé la pression, pompé 30 barils d'eau dans le tubage et circulé

7 heures: Déplacé le bouchon de fermeture de 6160' KB à 5767' KB. Puits fait éruption. Circulé pendant 2 heures. Sorti les tiges jusqu'à 4700'KB et fermé le puits pour la nuit.

P.S. Perdu 125 barils d'eau à la formation.

RAPPORT DE RECONDITIONNEMENT

PUITS: SHELL STE-FRANCOISE ROMAINE NO. 1

DATE: 18 octobre 1975 NOMBRE DE JOURS: 30

ACTIVITE COURANTE: 08:00 Sortie des enregistreurs de pression

FLUIDE DE RECONDITIONNEMENT

Type:

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

REMARQUES:

Activités précédentes:

3 heures: Vidange du puits par succion. Récupéré 22 barils de fluide. Niveau du liquide constant @ 4200' KB.

2 heures: Traité avec 1500 gallons d'acide HCL 15%

4 heures: Puits produit du gaz pendant une heure et meurt. Effectué 4 succions. Le puits produit de petites quantités de gaz pendant environ 10 minutes après chaque succion. (50 MCFD)

1 heure: Descendu les enregistreurs de pression

RAPPORT DE RECONDITIONNEMENT

PUITS: SHELL STE-FRANCOISE ROMAINE NO. 1

DATE: 17 octobre 1975 NOMBRE DE JOURS: 29

ACTIVITE COURANTE: 08:00 Pression de surface: 1200 psi. Purgé à 0.
Vidange du puits par succion.

FLUIDE DE RECONDITIONNEMENT

Type:

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

REMARQUES:

Activités précédentes:

4 heures: Circulé et sorti les tiges

3 heures: Perforé l'intervalle 6090'-6115' KB avec 1 tir/pied

2 heures: Entrée des tiges et d'un "packer RTTS". Installé le packer à 6013' KB.

2½ heures: Vidangé le tubage. Aucune entrée de fluide.

2 heures: Perforé à travers le tubage de 6050' - 6080' KB, 1 tir/pied.
Fermé le puits pour la nuit.

RAPPORT DE RECONDITIONNEMENT

PUITS: SHELL STE-FRANCOISE ROMAINE NO. 1

DATE: 16 octobre 1975 NOMBRE DE JOURS: 28

ACTIVITE COURANTE: 08:00 Circulé le puits

FLUIDE DE RECONDITIONNEMENT

Type:

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

REMARQUES:

Activités précédentes:

3 heures: Tué le puits. Perdu 350 barils d'eau dans la formation.

3 heures: Entrée des tiges

2 heures: Installé un bouchon de ciment 6560' à 6660' KB

2 heures: Sortie des tiges

2 heures: Entrée des tiges avec un packer RTTS jusqu'à 4700' KB

RAPPORT DE RECONDITIONNEMENT

PUITS: SHELL STE-FRANCOISE ROMAINE NO. 1

DATE: 15 octobre 1975 NOMBRE DE JOURS: 27

ACTIVITE COURANTE: 08:00 Installation des pompes pour tuer le puits

FLUIDE DE RECONDITIONNEMENT

Type:

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

REMARQUES:

Activités précédentes:

1 heure: Sortie des enregistreurs de pression. Les diagrammes de pression indiquent une perméabilité faible dans un réservoir à basse pression: approximativement 1200 psi.

6 heures: Enregistrement d'une diagraphie de température de 6710' KB jusqu'à la surface

3 heures: Sortie des tiges

1½ heure: - Entré 4 tiges dans le puits

- Puits fait une éruption. Fermé l'Hydril et les "pipe rams". Injecté 120 barils d'eau.
- Sorti les 4 tiges pendant que le puits rejette l'eau

- Fermé les blind rams
- Installé une ligne pour brûler le gaz
- Laissé le puits se purger pendant la nuit sous la surveillance de deux hommes.

RAPPORT DE RECONDITIONNEMENT

PUITS: SHELL STE-FRANCOISE ROMAINE NO. 1

DATE: 14 octobre 1975 NOMBRE DE JOURS: 26

ACTIVITE COURANTE: 08:00 Sortie des enregistreurs de pression.

Pression de surface: 800 psi

FLUIDE DE RECONDITIONNEMENT

Type:

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

REMARQUES:

Activités précédentes: 24 heures

- Puits fermé pour remontée de pression

RAPPORT DE RECONDITIONNEMENT

PUITS: SHELL STE-FRANCOISE ROMAINE NO. 1

DATE: 13 octobre 1975 NOMBRE DE JOURS: 25

ACTIVITE COURANTE: 08:00 Entrée des enregistreurs de pression

FLUIDE DE RECONDITIONNEMENT

Type:

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

REMARQUES:

Activités précédentes: 24 heures

- Essai de productivité. Pression diminue de 50 psi (800 MCFD étrangleur sur 3/4") à 2 psi (flamme de 1 pied)

RAPPORT DE RECONDITIONNEMENT

PUITS: SHELL STE-FRANCOISE ROMAINE NO. 1

DATE: 12 octobre 1975 NOMBRE DE JOURS: 24

ACTIVITE COURANTE: 08:00 Terminé l'auto-nettoyage du puits. Entrée des enregistreurs de pression.

FLUIDE DE RECONDITIONNEMENT

Type:

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

REMARQUES:

Activités précédentes (24 heures)

4 heures: Installation de l'équipement d'Halliburton. Impossible de faire démarrer les pompes: les batteries ont été volées.

1 heure: Attente pour des batteries neuves

7 heures:- Commencé l'injection d'acide 28% HCL, avec une pression de surface de 5000 psi.

- Etablit une circulation entre le tubage et le coffrage
- Récupéré l'acide par circulation inversée
- Remonté le "packer" à 6430' KB et fait un essai de pression réussi à 1600 psi
- Replacé le "packer" à 6431' KN mais obtenu une circulation encore une fois.

(verso)

RAPPORT DE RECONDITIONNEMENT

PUITS: SHELL STE-FRANCOISE ROMAINE NO. 1

DATE: 11 octobre 1975 NOMBRE DE JOURS: 23

ACTIVITE COURANTE: 08:00 Installation de l'équipement de fracturation

FLUIDE DE RECONDITIONNEMENT

Type:

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

REMARQUES:

Activités précédentes: 10 heures

3 heures: Fini d'entrer les tiges et le "packer RTTS". Installé le "packer" à 6351' KB. Effectué un test réussi de pression à 1500 psi.

7 heures: Attente pour l'équipement d'Halliburton (Ce transport de deux pompes-remorques et d'un réservoir et des connections a débuté le 6 octobre)

RAPPORT DE RECONDITIONNEMENT

PUITS: SHELL STE FRANCOISE ROMAINE NO. 1

DATE: 10 octobre 1975 NOMBRE DE JOURS: 22

ACTIVITE COURANTE: 08:00 Entrée des tiges avec le packer "RTTS"

FLUIDE DE RECONDITIONNEMENT

Type:

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

REMARQUES:

Activités précédentes (13 heures)

5 heures: Vidange par succion. Niveau de liquide en équilibre dynamique à 4000' KB. Récupéré du gaz et du liquide de reconditionnement.

4 heures: Sorti les tiges et entré dans le puits avec une choche de récupération pour sortir le bouchon pris à 6534' KB

4 heures: Sorti les tiges et entré dans le puits avec le packer "RTTS"

RAPPORT DE RECONDITIONNEMENT

PUITS: SHELL STE FRANCOISE ROMAINE NO. 1

DATE: 9 octobre 1975 NOMBRE DE JOURS: 21

ACTIVITE COURANTE: 08:00 Installation de l'équipement de vidange du puits

FLUIDE DE RECONDITIONNEMENT

Type:

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

REMARQUES:

Activités précédentes: 13 heures

3 heures: Tentatives infructueuses pour placer le bouchon de fermeture à 6534' KB. Tentatives infructueuses de récupérer ce bouchon.

2 heures: Sorti les tiges

4 heures: Enregistrement des diagraphies CCL-GR-Neutron sur les intervalles: 6532-6292' KB; 6102-5860' KB; 4800-4642' KB; 3150-2792' KB; 2400-2194' KB

2 heures: Perforé l'intervalle 6490-6510' KB avec un coup/pi (3-5/8" glass jets)

2 heures: Entrée des tiges avec le packer "RTTS"

RAPPORT DE RECONDITIONNEMENT

PUITS: SHELL STE FRANCOISE ROMAINE NO. 1

DATE: 8 octobre 1975 NOMBRE DE JOURS: 20

ACTIVITE COURANTE: 08:00 Essai de mise en place du bouchon de fermeture

FLUIDE DE RECONDITIONNEMENT

Type:

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

REMARQUES:

Activités précédentes (24 heures)

7 heures: Vidangé le puits par succion. Récupéré 30 barils d'eau acide en 7 heures. Niveau d'eau dynamique à 4300' KB

7 heures: Sorti et démantelé les tiges-masses et les tiges de forage de 2-7/8 EUE. Libéré ce même équipement pour retour à Edmonton

10 heures: Entrée d'un bouchon de fermeture sur le tubage EUE et "buttress" de 2-7/8". Vérification continue du diamètre intérieur des tiges

RAPPORT DE RECONDITIONNEMENT

PUITS: SHELL STE FRANCOISE ROMAINE NO. 1

DATE: 7 octobre 1975 NOMBRE DE JOURS: 19

ACTIVITE COURANTE: 08:00 Sorti les tiges pour récupérer les tiges de fond.

FLUIDE DE RECONDITIONNEMENT

Type:

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

REMARQUES:

Activités précédentes: 24 heures

- Vidange du puits par succion
- Sorti les tiges et entré dans le puits avec 180' de tiges de fond. Placé le packer à 6528' KB.
- Traité l'intervalle ouvert entre 6551' et 6720' KB avec 2000 gallons d'acide HCL 15%. Pression d'injection demeure constante à 4720' psi pour 1-3/4 barils/min.
- Le puits recommence à produire l'acide et l'eau de remplacement. Pression en surface: 900 psi.
- Ecoulement de gaz et d'eau acidulée. Estimé que le gaz s'écoulait à 4 MMCFD diminuant à 50 MCFD après 5 heures.
- Fermé le puits pour une remontée de pression (De 0 à 130 psi en 2 heures).

RAPPORT DE RECONDITIONNEMENT

PUITS: SHELL STE FRANCOISE ROMAINE NO. 1

DATE: 6 octobre 1975 NOMBRE DE JOURS: 18

ACTIVITE COURANTE: 08:00 Vidange du puits par succion

FLUIDE DE RECONDITIONNEMENT

Type:

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

REMARQUES:

- Activités précédentes: 24 heures
- Sorti les tiges et descendu dans le puits avec un aléseur de 7-5/8" jusqu'à 6551' KB. Circulé.
- Sorti les tiges et descendu un "packer RTTS" de 7-5/8" jusqu'à 6550' KB
- Vidé le tubage par succion: récupéré un matériel noir semi-solide (graisse à tuyau et barite)

RAPPORT DE RECONDITIONNEMENT

PUITS: SHELL STE FRANCOISE ROMAINE NO. 1

DATE: 5 octobre 1975 NOMBRE DE JOURS: 17

ACTIVITE COURANTE: 08:00 Sortie des tiges

FLUIDE DE RECONDITIONNEMENT

Type:

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

REMARQUES:

Activités précédentes: 24 heures

- Purgé le gaz du puits. Installé la tête rotative.
- Foré de 6437' à 6720' KB
- Circulé pendant 1-1/2 heure

RAPPORT DE RECONDITIONNEMENT

PUITS: SHELL STE-FRANCOISE ROMAINE NO. 1

DATE: 4 octobre 1975 NOMBRE DE JOURS: 16

ACTIVITE COURANTE: 08:00 Pression statique 800 psi. Installation de la tête de rotation

FLUIDE DE RECONDITIONNEMENT

Type:

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

REMARQUES:

Activités précédentes: 10 heures

- Purgé le gaz du puits. Sorti les tiges.
- Changé le trépan et descendu les tiges avec un trépan de 6-3/4" jusqu'à 6487' KB
- Circulé pendant deux heures
- Nettoyé les réservoirs de boue
- Fermé le puits pour la nuit

RAPPORT DE RECONDITIONNEMENT

PUITS: SHELL STE-FRANCOISE ROMAINE NO. 1

DATE: 3 octobre 1975 NOMBRE DE JOURS: 15

ACTIVITE COURANTE: 08:00 Pression statique 450 psi. Purgé et sorti les tiges

FLUIDE DE RECONDITIONNEMENT

Type:

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

REMARQUES:

Activités précédentes: 12 heures

- Foré de ~~6026~~ 6300' à 6487' KB
- Tête d'injection hors de service. Commandé une nouvelle tête de Edmonton
- Fermé le puits pour la nuit

RAPPORT DE RECONDITIONNEMENT

PUITS: SHELL STE-FRANCOISE ROMAINE NO. 1

DATE: 2 octobre 1975 NOMBRE DE JOURS: 14

ACTIVITE COURANTE: 08:00 Forage à 6300' KB

FLUIDE DE RECONDITIONNEMENT

Type:

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

REMARQUES:

Activités précédentes (24 heures)

- Fini d'entrer les tiges
- Fraisé 2" dans le bouchon
- Poussé le bouchon 18' dans le puits et creusé rapidement alors que le bouchon à 5776' KB semble complètement fraisé
- Rencontré un bouchon de ciment à 5970' KB. Creusé avec la fraise jusqu'à 5987' KB.
- Sorti les tiges. Puits fait éruption lors de la sortie des masse-tiges. Tué le puits.
- Descendu les tiges avec un trépan de 6-1/4"
- Foré de 5987' à 6300' KB

RAPPORT DE RECONDITIONNEMENT

PUITS: SHELL STE-FRANCOISE ROMAINE NO. 1

DATE: 1er octobre 1975 NOMBRE DE JOURS: 13

ACTIVITE COURANTE: 08:00 Entré les tiges

FLUIDE DE RECONDITIONNEMENT

Type:

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

REMARQUES:

- Fraisé 1' à l'intérieur du bouchon avec un outil de 2"
- Réparations à la tour de forage: 4 heures
- Essai raté de repêcher le bouchon avec un épieu "Bowen" de 2"
- Sorti les tiges
- Commencé à entrer dans le puits avec une fraise à face plate

RAPPORT DE RECONDITIONNEMENT

PUITS: SHELL STE-FRANCOISE ROMAINE NO. 1

DATE: 30 septembre 1975 NOMBRE DE JOURS: 12

ACTIVITE COURANTE: 08:00 Fraisé à 5665' KB

FLUIDE DE RECONDITIONNEMENT

Type:

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

REMARQUES:

- Poussé le bouchon jusqu'à 5664' KB
- Sorti les tiges. Démantelé le trépan et nettoyé le panier à déchets
- Entré dans le puits avec une fraise de 2" et fraisé 6" dans le bouchon

RAPPORT DE RECONDITIONNEMENT

PUITS: SHELL STE-FRANCOISE ROMAINE NO. 1

DATE: 29 septembre 1975 NOMBRE DE JOURS: 11

ACTIVITE COURANTE: 08:00 Forage à 5110' KB

FLUIDE DE RECONDITIONNEMENT

Type:

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

REMARQUES:

- Foré de 4471' à 5110' KB. Rencontré un bouchon de métal
- Foré dans 6" de bouchon

RAPPORT DE RECONDITIONNEMENT

PUITS: SHELL STE-FRANCOISE ROMAINE NO. 1

DATE: 28 septembre 1975 NOMBRE DE JOURS: 10

ACTIVITE COURANTE: 08:00: Forage à 4771' KB

FLUIDE DE RECONDITIONNEMENT

Type:

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

REMARQUES:

- Foré de 4288' KB à 4350' KB
- Déplacé la boue lourde avec de l'eau
- En remplaçant les joints étanches de la tête de rotation, le trépan s'est bouché et les tiges sont demeurées prises.
- Libéré les tiges et sorti du puits
- Nettoyé le trépan et entré les tiges
- Creusé de 4381 à 4771' KB

RAPPORT DE RECONDITIONNEMENT

PUITS: SHELL STE FRANCOISE ROMAINE NO. 1

DATE: 27 septembre 1975 NOMBRE DE JOURS: 9

ACTIVITE COURANTE: 08:00 Forage à 4288' KB

FLUIDE DE RECONDITIONNEMENT

Type:

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

REMARQUES:

- Foré de 3864' à 4248' KB. Atteint le bouchon de ciment.
- Utilisé la fraise Hollier pour prendre une carotte de ciment de 5".
- Sorti du puits. Récupéré la carotte et les débris de métal au sommet
- Entré dans le puits avec un trépan de 6-1/2" et creusé dans du ciment durci jusqu'à 4288' KB.
- Circulé et fermé le puits.

RAPPORT DE RECONDITIONNEMENT

PUITS: SHELL STE-FRANCOISE ROMAINE NO. 1

DATE: 26 septembre 1975 NOMBRE DE JOURS: 8

ACTIVITE COURANTE: 08:00 Forage à 3864' KB

FLUIDE DE RECONDITIONNEMENT

Type:

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

REMARQUES:

2 heures: Pression de surface: 250 psi. Purgé le gaz
Sorti les tiges et nettoyé le panier à déchet et la fraise Hollier

8 heures: Entré les tiges. Creusé de 2816' à 3864' KB(Les retailles sont des morceaux d'acier.

Fermé le puits pour'la nuit

RAPPORT DE RECONDITIONNEMENT

PUITS: SHELL STE-FRANCOISE ROMAINE NO. 1

DATE: 25 septembre 1975 NOMBRE DE JOURS: 7

ACTIVITE COURANTE: 08:00 Nettoyage du puits par circulation inverse dans une fraise de Hollier

FLUIDE DE RECONDITIONNEMENT

Type:

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

REMARQUES:

- Enlevé les BOP's et le support du tubage
- Levé le coffrage avec un épieu et mis en tension à 65,000#. Installé les coins de support de coffrage
- Réinstallé les BOP's et le support pour tubage
- Entré dans le puits avec une fraise de Hollier avec panier à débris
- Commencé à renverser la circulation à 2710' KB

RAPPORT DE RECONDITIONNEMENT

PUITS: SHELL STE-FRANCOISE ROMAINE NO. 1

DATE: 24 septembre 1975 NOMBRE DE JOURS: 6

ACTIVITE COURANTE: 08:00 Installation des coins de support du coffrage

FLUIDE DE RECONDITIONNEMENT

Type:

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

REMARQUES:

- Installé les BOP's et entré dans le puits avec une couronne de surforage
- Nettoyé le puits autour du sommet du coffrage de 7-5/8". Sorti les tiges
- Entré avec une fraise et nettoyé le sommet du coffrage de 7-5/8". Sorti les tiges
- Assemblé le raccord de coffrages sur le nouveau coffrage de 7-5/8", entré dans le puits et effectué le raccord avec le vieux coffrage.
- Appliqué une tension de 70,000# et coupé le coffrage à la surface
- Fermé le puits pour la nuit

RAPPORT DE RECONDITIONNEMENT

PUITS: SHELL STE FRANCOISE ROMAINE NO. 1

DATE: 23 septembre 1975 NOMBRE DE JOURS: 5

ACTIVITE COURANTE: 08:00 Entré dans le puits avec une couronne de surforage

FLUIDE DE RECONDITIONNEMENT

Type:

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

REMARQUES:

- Foré à travers 7-1/2" de bouchon. Sorti les tiges
- Entré dans le puits avec un épieu Bowen. Impossible de descendre plus bas que 118' KB. Sorti les tiges
- Fabriqué un aiguillon et entré dans le puits. Nettoyé et circulé l' sous le bouchon. Sorti les tiges.
- Entré dans le puits avec l'épieu. Attrapé le bouchon et ramené celui-ci à la surface avec difficulté. Laissé deux coins du bouchon dans le puits.

RAPPORT DE RECONDITIONNEMENT

PUITS: SHELL STE FRANCOISE ROMAINE NO. 1

DATE: 22 septembre 1975 NOMBRE DE JOURS: 4

ACTIVITE COURANTE: 08:00 Forage du bouchon

FLUIDE DE RECONDITIONNEMENT

Type:

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

REMARQUES:

- Foré 16" à l'intérieur du bouchon avec une fraise de 2". Impossible de fraiser plus en avant .
- Sorti la fraise et installé un trépan de 8-1/2"
- Foré 1/2"

RAPPORT DE RECONDITIONNEMENT

PUITS: SHELL STE FRANCOISE ROMAINE NO. 1

DATE: 21 septembre 1975 NOMBRE DE JOURS: 3

ACTIVITE COURANTE: 08:00 Entré dans le puits avec une fraise de 2"

FLUIDE DE RECONDITIONNEMENT

Type:

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

REMARQUES:

- Creusé dans le ciment jusqu'au sommet du bouchon à 117' KB

RAPPORT DE RECONDITIONNEMENT

PUITS: SHELL STE FRANCOISE ROMAINE NO. 1

DATE: 20 septembre 1975 NOMBRE DE JOURS: 2

ACTIVITE COURANTE: 08:00 Fin de la mise en place de l'équipement

FLUIDE DE RECONDITIONNEMENT

Type:

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

REMARQUES:

- Mise en place de l'équipement

RAPPORT DE RECONDITIONNEMENT

PUITS: SHELL STE-FRANCOISE ROMAINE # 1

DATE: 19 septembre 1975 NOMBRE DE JOURS: 1

ACTIVITE COURANTE: 08L00 Mise en place de l'équipement

FLUIDE DE RECONDITIONNEMENT

Type:

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

REMARQUES:

- Début du transport de l'équipement du site de St-Flavien au site de Ste-Françoise Romaine

PROGRAMME DE RECONDITIONNEMENT

STE-FRANCOISE ROMAINE NO 1

1.- Couper la plaque d'acier soudée sur la tête du puits.

2.- Installer la cloche de repêchaga à coins sur le coffrage de 9 5/8". (fishing overshot)

3.- Amener l'équipement de reconditionnement et l'installer. Mélangar 400 bbls d'eau KCL 9.0#/gal.

4.- Forer le bouchon de ciment et la presse-étoupe de cimentation à 117 pi. Utiliser un trépan de 6 1/2"

5.- Nettoyer le puits jusqu'à 6650' en forant les bouchons de ciment à 4815=25', 4985-5115' et 6070-6650'.

6.- Faire circuler et conditionner l'eau KCL.

7.- Retirer la colonna de reconditionnement et insérer le packer 7 5/8" RTTS à 6500'. Installer le PKR.

8.- Pistonner le puits pour tester l'intervalle brut 6561'-6650' (à trou découvert).

9.- Si aucune production n'est obtenue, faire circuler et perforer l'intervalle 6600-30', W/ 2 1/8" par le canon. Tester la production du puits.

10.- Faire circuler et retirer. Insérer le packer RTTS W/ 7 5/8" et le bouchon récupérable.

11.- Installer le bouchon à 4760' et le RTTS à 4680'.

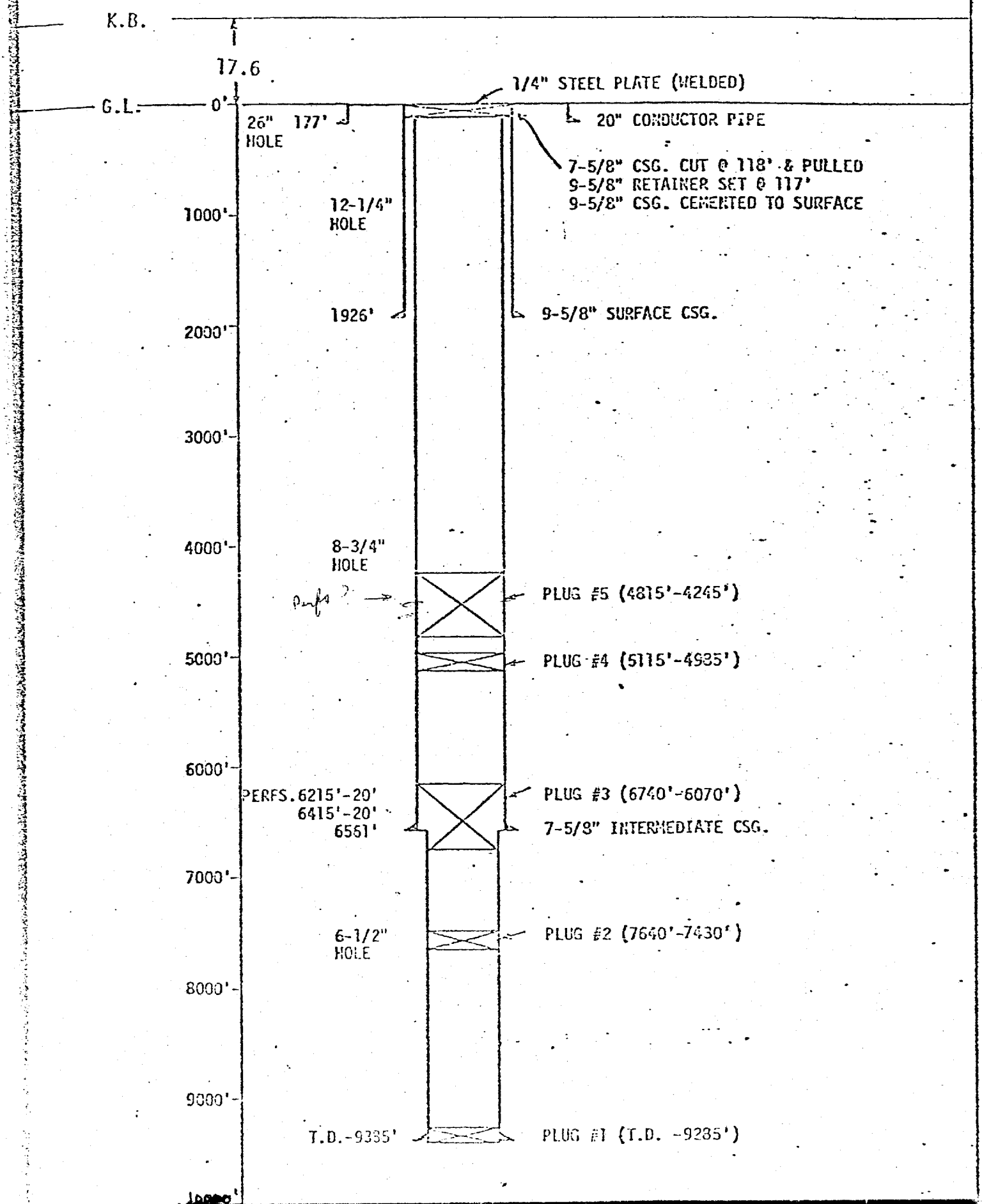
12.- Pistonner le puits et tester l'intervalle 4710-30'. Si aucun écoulement de gaz n'est observé, reperforer l'intervalle 4710-4730' et vérifier le puits.

13.- Le programme de fracturation des intervalles vérifiés, dépendra des résultats obtenus par les tests de production.

WELL DIAGRAM AND ABANDONMENT DETAILS

WELL NAME AND NUMBER

SHELL STE. FRANCOISE ROMAINE NO. 1



STE-FRANCOISE ROMAINE #1

Le puits fut testé et abandonné par Shell Canada en 1973. Avant l'abandon, le coffrage 7-5/8" (coffrage intermédiaire) fut coupé à 118' et un bouchon fut installé à 117' et cimenté à la surface. La seule explication pour ce genre de travail est que le gaz se canalisait par l'espace annulaire 9-5/8".

Il est recommandé de forer le dessus de l'obturateur, mesurer le coffrage 7-5/8", et après avoir déterminé qu'il n'y a plus d'obstruction à 117', nettoyer le puits à 6650' et tester les deux intervalles recommandés par le département de Géologie. Le premier intervalle fracturé d'argile à être vérifié à trou ouvert (6500-30') n'a montré aucun gaz en forant; cependant cela peut être une conséquence de la boue lourde (15.5 lbs/gal.)

Dans la deuxième fracture d'argile à être testée (4710-30') il y eut une secousse de gaz en forant. Un DST a recouvré du gaz à un taux de 4.6 MCF qui déclina à 2.63 MCF après 90 minutes. Un second test de 4700' à 4745' laissa écouler du gaz à un taux de 2.9 MCF, qui déclina à 350 MCF après 44 heures. La pression initiale du réservoir était similaire à la pression initiale du premier test (± 3500 psi.)

Après avoir vérifié les deux zones, il est recommandé de fracturer l'intervalle 4710-30' afin de déterminer si une production économique de gaz peut être obtenue de cet intervalle argileux, et selon les résultats du test de production, fracturer le plus bas intervalle 6600-30'.

Ministère des Richesses Naturelles, Québec
SERVICE DE LA
DOCUMENTATION TECHNIQUE
Date: 3 FEV 1977
No GM: 27632

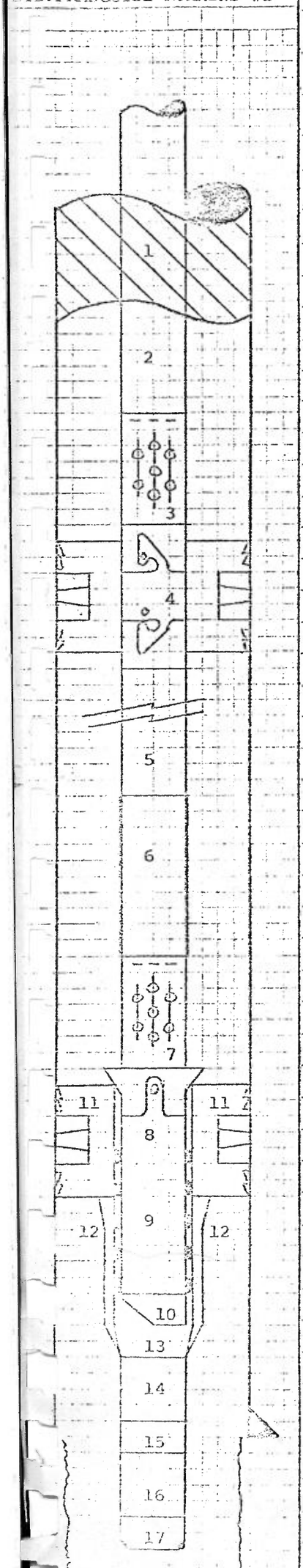
OTIS COMPLETION GUIDE

4124 MARILLAC RD., S.E., CALGARY, ALTA. T2G 4B7

L NAME: STE. FRANCOISE ROMAINE #1

PREPARED FOR	COMPANY	TELEPHONE	DATE 6-3-75
MR. MARIO SANCHEZ	SOQUIP	A/C 418 651-9543	PROPOSAL X / AS BUILT
FIELD LOCATION LSD		PROVINCE Quebec	☐ NEW COMPLETION ☒ WORKOVER

	SIZE	WEIGHT	GRADE	THREAD	DEPTH	I.D.	DRIFT I.D.
CASING	7-5/8"	29.7#	J-55	T&C	6561'	6.875	6.750
LINER							
TUBING (1)	2-7/8"	6.5#	J-55	EUE 8rd	3.668	2.441	2.347
TUBING (2)							



1. 7" casing string.	CUSTOMER
2. 2-7/8" tubing string.	CUSTOMER
3. 2-7/8" OTIS 'XA' sliding side door assembly c/w 2.313" 'X' landing nipple profile min. I.D. 2.313. ASSY.NO. 121XA7	$ 946.40
4. 7-5/8" 29.7# - 39# OTIS Perma-Latch Production Pakcer 2.50 I.D. ASSY.NO. 12PL7505	$2259.40
5. 2-7/8" EUE tubing as required.	CUSTOMER
6. 2-7/8" EUE blast joints 2.375 I.D. 3 EACH @ $674.70 EACH. ASSY.NO. 11S716	$2024.10
7. 2-7/8" OTIS 'XA' sliding side door assembly c/w 2.313" 'X' landing nipple profile min. I.D. 2.313. ASSY.NO. 121XA7	$ 946.40
8. OTIS straight slot seal locator min. I.D. 2.38 w/straight slot milled to make no latch locator. ASSY NO. 212B7201	$ 435.50
9. OTIS standard compression seal element assemblies 2.38 I.D. ASSY.NO. 212EB7014 8 EACH @ $252.20 EACH	$2017.60
10. OTIS guide shoe 2.38 I.D. ASSY.NO. 212B7212	$ 97.50
PACKER & PERMANENT TAILPIPE	
11. 7-5/8" 26.4 - 39# OTIS Perma-Drill Production Packer 4.00 bore. Electric line set. ASSY.NO. 212WB7502	$1463.80
12. 4.00 I.D. x 8' polished bore extension c/w packer adapter. ASSY.NO. 212B7224	$ 925.60
ASSY.NO. 212B7548	$ 291.20
13. Changeover polished bore extension x 2-7/8" EUE box.	P.T.
14. 2-7/8" x 6' pup joint. #92C1347	$ 70.20
15. 2-7/8" OTIS 'X' landing nipple min. I.D. 2.313. ASSY.NO. 11X59	$ 327.60
16. 2-7/8" EUE x 10' pup joint. #92C702	$ 110.50
17. 2-7/8" OTIS 'H' landing nipple min. I.D. 2.205 @ no-go. ASSY.NO. 11H58	$ 338.00
	$12,253.80

PREPARED BY | OFFICE | TELEPHONE

NOM DU PUITS: SHELL Ste-Françoise Romaine No. 1

DEBUT ABANDON: 1982-01-12

FIN ABANDON: 1982-01-20

DUREE: 9 JOURS

FOREUSE DE PARACHEVEMENT: Rig No. 14 RADIUM WELL SERVICIN G

TYPE DE BOUCHON:

- Un bouchon "EZ drill Bridge plug" à 1450 m au-dessus du perma-latch packer de 194 mm.
- Forcé 0.83 m^3 de ciment en-dessous de la "bridge plug". Cette dernière fermée après retrait de l'outil de mise en place
- Un bouchon "EZ drill bridge plug" à 1415 mètres.
- Un bouchon de ciment de 30 m au-dessus de la bridge"plug".

Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Documentation Technique

DATE:

No. G.M.: 27632

RAPPORT DE RECONDITIONNEMENT

PUITS: SOQUIP Shell Ste-Françoise Romaine No.1

DATE: 1982-01-19 NOMBRE DE JOURS: 7

ACTIVITE COURANTE: Préparation pour cimentation

FLUIDE DE RECONDITIONNEMENT

Type: Eau CaCL2

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

REMARQUES:

Mis en place le bridge plug à 1415 m. Réparation de l'unité d'Halliburton. Bris de la pompe du camion pour transport d'eau. Rempli partiellement le trou.

Arrêt des opérations 18h00 1981-01-19

RAPPORT DE RECONDITIONNEMENT

PUITS: SOQUIP Shell Ste-Françoise Romaine no. 1

DATE: 1982-01-20 NOMBRE DE JOURS: 8

ACTIVITE COURANTE: Préparation de la foreuse pour déménagement

FLUIDE DE RECONDITIONNEMENT

Type:

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

70 CaCl2

REMARQUES:

Fini de remplir le trou avec de l'eau et du CaCL2, 12 m^3 au total. Essayer de pomper du fluide dans la formation. Le setting tool de la bridge plug fuit. Fermé la bridge plug et vérifié celle-ci avec une pression de 15000 kPa pendant 5 minutes ok. Mis en place un bouchon de ciment de 30 mètres au-dessus de la bridge plug. Sorti 50 mètres de tubage. Pompé 5m^3 de fluide dans l'annulus pour nettoyer le tubage. Pas de retour de ciment. Sorti le tubage en démentelant chaque puits. Préparé la foreuse pour le déménagement.

RAPPORT DE RECONDITIONNEMENT

PUITS: SOQUIP SHELL STE-FRANCOISE ROMAINE NO. 1

DATE: 1982-01-18 NOMBRE DE JOURS: 6

ACTIVITE COURANTE: Préparation pour cimentation

FLUIDE DE RECONDITIONNEMENT

Type: Eau CaCL2

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

REMARQUES:

Sorti le tubage, changé 34 sections de tubage. Ré-arrangé le "setting tool" et entré dans le trou jusqu'à 1417 m avec EZ-drill bridge plug.

Opérations terminées à 18h le 1982-01-18

Note: Le démarreur de l'unité Halliburton est hors d'usage

RAPPORT DE RECONDITIONNEMENT

PUITS: SOQUIP Shell Ste-Françoise Romaine No. 1

DATE: 1982-01-17 NOMBRE DE JOURS: 5

ACTIVITE COURANTE: Stand-by (froid)

FLUIDE DE RECONDITIONNEMENT

Type:

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

REMARQUES:

RAPPORT DE RECONDITIONNEMENT

PUITS: SOQUIP SHELL Ste-Françoise Romaine no. 1

DATE: 1982-01-16 NOMBRE DE JOURS: 4

ACTIVITE COURANTE: à 08h le 82-01-17 Arrêt des opérations à cause du froid.

FLUIDE DE RECONDITIONNEMENT

Type: CaCL2

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

5 sacs CaCL2

REMARQUES:

Ouvert le puits, très petite quantité de gaz à la surface. Essayé d'enlever le permalach avec la tête de puits; impossible. Enlevé la tête de puits, mis en place les BOP. Essayé à nouveau d'enlever le permalach pendant 1 heure, tension 40 000 daN sans succès. Laissé le packer dans le trou au tubing seal divider. Sorti le tubage et ré-entré avec un bridge plug. Forcé 0.83 m^3 de ciment en dessous de la bridge plug. Laissé le bridge plug en place, circulé et sorti 100 m de tubage. Fermé le puits. Arrêt des opérations à 19h le 16 janvier 82.

RAPPORT DE RECONDITIONNEMENT

PUITS: SOQUIP Shell Ste-Françoise Romaine No. 1

DATE: 1982-01-15 NOMBRE DE JOURS: 3

ACTIVITE COURANTE: Puits fermé

FLUIDE DE RECONDITIONNEMENT

Type: CaCL2

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

70 sacs de CaCL2

REMARQUES:

Fini de mélanger le fluide. Pompé 15.6 m^3 de fluide dans le tubage. Pression maximum de pompage: 7000 kPa. Pompé 27m^3 de fluide dans l'annulus, pression: 7000 kPa. Puits ne s'écoule plus, tué le puits

RAPPORT DE RECONDITIONNEMENT

PUITS: SOQUIP Shell Ste-Françoise Romaine No. 1

DATE: 1982-01-14 NOMBRE DE JOURS: 2

ACTIVITE COURANTE: Puits ouvert pour vidangeage et mélange du fluide d'abandon

FLUIDE DE RECONDITIONNEMENT

Type: Eau CaCL2

Poids: 1200 kg/m^3

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

180 sacs CaCL2

REMARQUES:

Mélangé 180 sacs de CaCL2 pour obtenir un poids de 1200 kg/m^3

Laissé le puits s'écoulé pour vidangeage.

RAPPORT DE RECONDITIONNEMENT

PUITS: SOQUIP SHELL STE-FRANCOISE ROMAINE NO. 1

DATE: 1982-01-12 et 13 NOMBRE DE JOURS: 1

ACTIVITE COURANTE: Mélangé le fluide pour abandon.

FLUIDE DE RECONDITIONNEMENT

Type: Eau CaCL2

Poids:

Viscosité:

PRODUITS CHIMIQUES EMPLOYES

REMARQUES:

Déménagement de la foreuse de Bécancour no. 1 à Shell Ste-Françoise Romaine No. 1. Ouvert le puits sur l'annulus et le tubage pour vidangeage. Préparation de la foreuse.

A161

W E L L H I S T O R Y R E P O R T

SHELL STE-FRANCOISE-ROMAINE NO. 1

Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Documentation Technique

DATE:

No. G.M.: 27632

SHELL QUEBEC LIMITEE

Document No.

Date: June 12, 1972

72022

WELL HISTORY REPORT

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	SUMMARY	WELL NAME AND NUMBER: SHELL STE-FRANCOISE-ROMAINE NO. 1

Shell Ste-Francoise-Romaine No. 1, spudded November 7th, 1971 and abandoned April 17th, 1972, tested a seismically defined structure located about 40 miles southwest of Quebec City. Regent Drilling Ltd. using a rotary rig contracted this test for Shell Quebec Limitee on License PQR 100. Starting in Lorraine shale beneath 60 feet of drift, it penetrated the normal St. Lawrence Lowlands stratigraphic section (with the exceptions of a thin or absent Chazy Group equivalent and a dolomite-sandstone unit at the base of the section) and bottomed in Precambrian metasediments. No significant porosity was observed. Gas shows were encountered in the Lorraine and shows of a lesser amount in the Utica and Trenton. A 58 hour drillstem test of the largest show established that even this show is not large enough to be produced commercially.

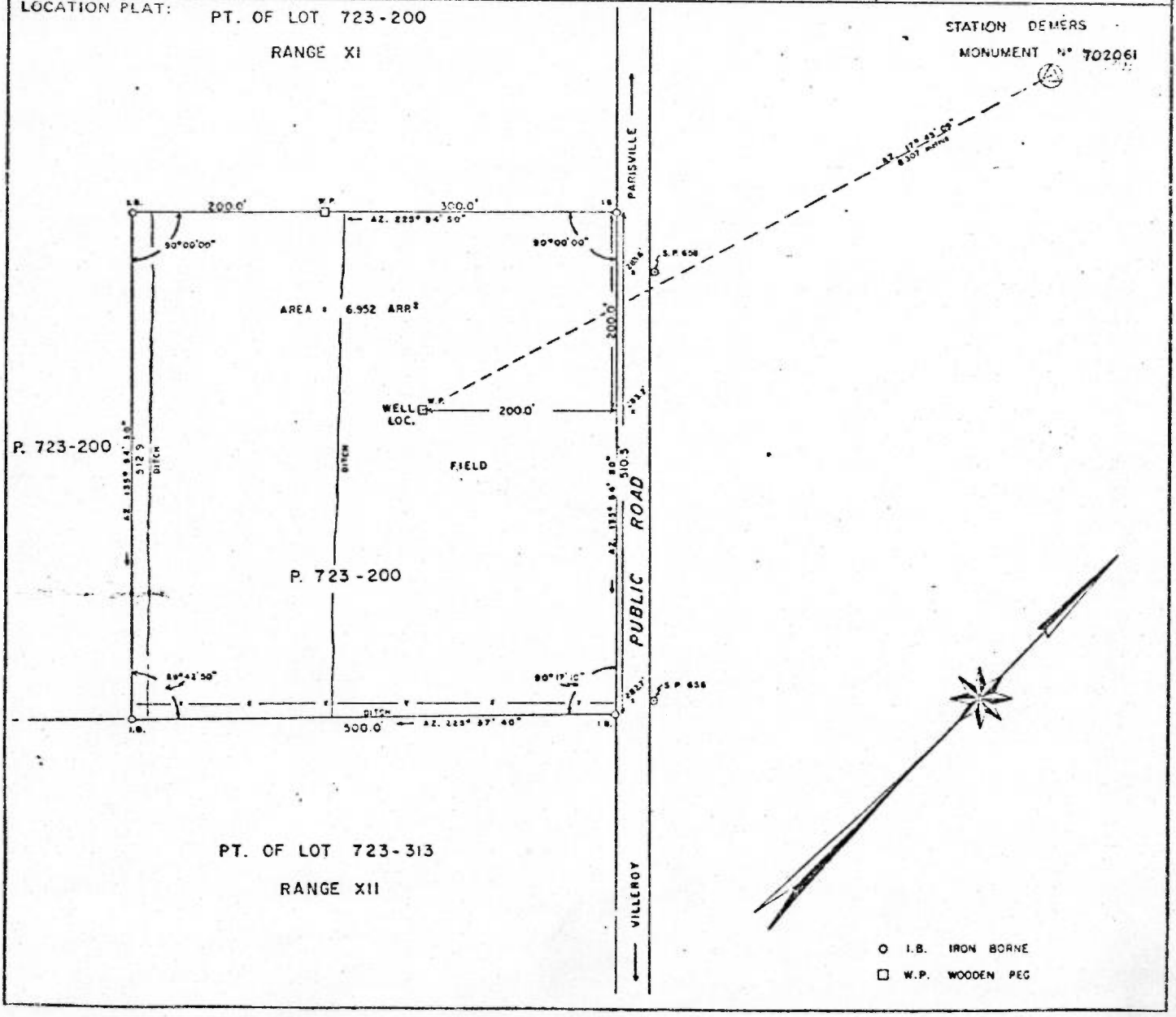
REPORT PREPARED BY:	DATE:		
L. S. Eliuk	May 11/72		
REPORT SUBMITTED BY:	DATE:	TITLE:	DATE:
Shell Quebec Limitee		Geologist	June 12, 1972

GENERAL DATA

SUMMARY OF WELL DATA

WELL NAME AND NUMBER	SHELL STE. FRANCOISE ROMAINE NO. 1
CO-ORDINATES SURVEY SYSTEM	LATITUDE 46° 28' 25" N. LONGITUDE 71° 54' 57" W.
GRID CO-ORDINATES	
PERMIT No. OR LEASE	--
DRILLING AUTHORITY NUMBER:	
STATUS	Abandoned
UNIQUE WELL IDENTIFIER:	
PERMITEE/OPERATOR	Shell Canada Limited & Shell Explorer Limited
LOCATION	Box 880 Calgary, Alberta
AAPG CLASSIFICATION	
ELEVATIONS	K.B. 298.7 G.L. 281.4
TOTAL DEPTH	9,385 ft.
DRILLING CONTRACTOR	Regent Drilling
DATE AND HOUR SPUDDED	Nov. 7, 1971-10:15 pm
DATE COMPLETED DRILLING	April 4, 1972
DATE COMPLETED ABANDONMENT	April 17, 1972
DATE AND HOUR RIG RELEASED	April 17, 1972 8:00 am.

LOCATION PLAT:



DRILLING DATA

DRILLING DATA SUMMARY

WELL NAME AND NUMBER: SHELL STE. FRANCOISE ROMAINE NO. 1

DRILLING VESSEL/UNIT: Regent No. 6

HOLE SIZE	
SIZE	TO DEPTH (KB)
26"	177
12-1/4"	1929
8-3/4"	6562
6-3/4"	9385

BLOWOUTS OR OTHER DIFFICULTIES ENCOUNTERED

a) Encountered severe gas cutting at 4722. Blew mud and bushings 20 feet up derrick.

b) Had problems cementing intermediate casing.

CASING RECORD

DATE	SIZE	JOINTS	WT	GRADE	SHOE DEPTH	MAKE
Nov. 10/71	20"		53#	Conductor	177'	
Nov. 22/71	9-5/8"	49	40# & 36#		1926'	Mannesman
Jan. 5/72	7-5/8"	157	29.7# & 26.4#	N80	6561'	Mannesman

CEMENT ADDITIVES

FISHING OPERATIONS, LOST CIRCULATION ZONES

Fished for packer element after testing casing and perforations.
While coming out of hole slipdog caught on casing at approx. 460 feet. Mandril pulled out of packer nut leaving packer element in hole.
Fished for cones @ 8245.

ABANDONMENT PLUGS

NUMBER	DATE	INTERVAL	CEMENT	
1	4/7/72	9385 - 9285	25 bbls.+ 0.2% D8	No feel
2	4/7/72	7640 - 7480	8.9 bbls.	Felt @ 7430.
3	4/9/72	6740 - 6150	34 bbls.	Felt @ 6070.
4	4/10/72	5115 - 4895	50 cu. ft.	Felt @ 4985.
5	4/15/72	4815 - 4265	200 cu. ft.	Felt @ 4245.
6	4/16/72	Bridge plug @ 118'	Cement from 117' to surface. 65 cu. ft.	

	DRILLING EQUIPMENT	WELL NAME AND NUMBER SHELL STE. FRANCOISE ROMAINE NO. 1

REGENT DRILLING LIMITED

GENERAL SPECIFICATIONS OF RIG NO. 6

DRAWWORKS:

Make and Model:	Brewster N75	Depth Range:	13,500'
Coumpound:	3 Engine	Pump Drives:	Twin
Prime Movers:	3 - Caterpillar D353-E	H.P.	1400
Hydramatic:	46" Parkersburg SR	Sandreel	No

MAIN PUMP:

Make and Model:	D-700 Emsco	Size:	8" x 16"
Pressure Rating:	2700 P.S.I.	Working Pressure:	2200 P.S.I.
Powered By:	Compound	H.P.:	

SECOND PUMP:

Make and Model:	Oilwell 560 P.T. Triplex	Size:	6½" x 8"
Pressure Rating:	3700 P.S.I.	Working Pressure:	2600 P.S.I.
Powered by:	Compound	H.P.:	

MUD MIXING PUMP:

Make and Model:	Mission	Size:	6" x 6"
Powered By:	1 - 6-71 GMC 12103 Single	H.P.:	150
Mud Mixers:	Thompson Hoppers (2)		

TOTAL H.P. ON RIG - 1550

DERRICK:

Make: Lee C. Moore Height: 136' Capacity: 700,000 lbs.

SUBSTRUCTURE:

Make: Lee C. Moore Height: 14' Capacity: 800,000 lbs.

BLOWOUT PREVENTION EQUIPMENT:

Hydril	Model:	G.K.	Size:	12" - 900 Series
Ram Type B.O.P. Shaffer	Model:	E	Size:	12" - 900 Series
Closing Unit:	Make:	Payne	Size:	80 Gallons
Main Control Valves:	No.:	4	Size:	3" - 900 Series

BOP Manifold: As required
Drill Pipe Safety Valve: Shaffer or TIW
Kelly Cock: Shaffer

	DRILLING EQUIPMENT	WELL NAME AND NUMBER SHELL STE. FRANCOISE ROMAINE NO. 1

STEEL MUD TANKS:

No. & Size: Three - 6' x 9' x 36'
Total Working Capacity: 1,000 Bbls.
Shale Shaker Type: Two- Page & Harris Number: Two
Desilter Type: Thompson Size: 10 cone
Trip tank & pre mix tank incorporated into mud tank

DRILL PIPE:

12,000 ft. Size: 4½" Grade: E - Plastic coated internally
Tool Joint Thread: 4½" X.H. - 6½" O.D. 18° tool joints
1,200 feet 5" Grade E

DRILL COLLARS:

Number:	25	Size:	6-3/4"	Thread:	5" H90
Number:	3	Size:	9"	Thread:	7" H90
Number:		Size:		Thread:	

Total Drill Collar Wt: 90,000 lbs.

ELECTRIC GENERATOR:

Make:	GMC 6-71	Size:		KVA:	60
Make:	Caterpillar	Size:	D311	KVA:	25

FUEL STORAGE: 13,500 gals.

WATER STORAGE: 300 bbls.

BOILER: Make: Napanee Size: 80 H.P. Pressure: 100 lbs.

DRILLING CONTROLS:

Automatic Driller:	Yes	Rotary Torque Indicator:	Yes
Penetration Recorder:	Geolograph	Mud Pit Level Indicator:	Yes

ADDITIONAL EQUIPMENT:

Necessary buildings, pipe racks, tools and supplies.
One - 32' x 40' storage shed and work shop.

DRILLING TIME DISTRIBUTION - HOURS	WELL NAME AND NUMBER SHELL STE. FRANCOISE ROMAINE NO. 1

See following Drilling Record Summary.

DST TESTING SUMMARY

WELL NAME AND NUMBER

SHELL STE. FRANCOISE ROMAINE NO. 1

DST NO.	INTERVAL	ISIP (PSI)	FFP (PSI)	FSIP (PSI)	HP. (PSI)	DATE	RECOVERY
1	4700-4902	3543/60	624	2600/102	3743	12/12/71	Mud to surface in 2 min followed by GTS in 5 min. @ 4.59 MMCFPD at end of 90 min. flow period. Recovered 270 ft. mud.
2	6995-7116		Misrun			1/28/72	430' gasified mud & 3565' W.C.
2A	6444-7122	1815/60	2024	2145/150	4940	2/3/72	1700' W.C.,188' slt. muddy W.C. & 1216' mud.
3	7529-7654		Misrun			2/16/72	360' W.C. & 740' mud.
4	8367-8462		Misrun			3/10/72	3765' W.C. & 210' mud.
5	8290-8486	3814/60	2230	3753/165	5878	3/11/72	125' W.C.M. & 4430' W.C
6	6540-6765		Misrun			4/5/72	2500' W.C.
7	6532-7060	2446/60	1230	1814/120	4714	4/9/72	1250' G.C.W.C. 180' muddy water cushion & 740' G.C.M.
8	4700-4745	3536/90	600	N/A	4003	4/12/72	GTS in 2 min. @ 2.9 MMCFPD decreasing to 1.8 MMCFPD after first flow rate and to .350 MMCFPD after second flow rate.

COMMENTS

D.S.T. No. 1 - a) Shape of flowing pressure profile and observed pressure drawdown suggests reservoir depletion.
b) Reduction in reservoir pressure from extrapolated initial SIP (3580 psi.) to extrapolated final SIP (2970) also suggests reservoir depletion.
c) Apparent stabilization of flow rate during later part of test is due to partial tool plugging with subsequent surge during unplugging at end of flow period.
d) Reservoir development within test interval believed to consist of fractures only(substantiated by logs in silty and shaly lithology).

D.S.T. No. 2 Unable to obtain packer seat in two attempts.

D.S.T. No.2A a) Pressures are invalid since charts indicate test tool was never fully opened or closed from preflow to final shut in periods.
b) Casing packer (set by rotation) suspected of contributing to tool malfunction (open and closed by rotation).

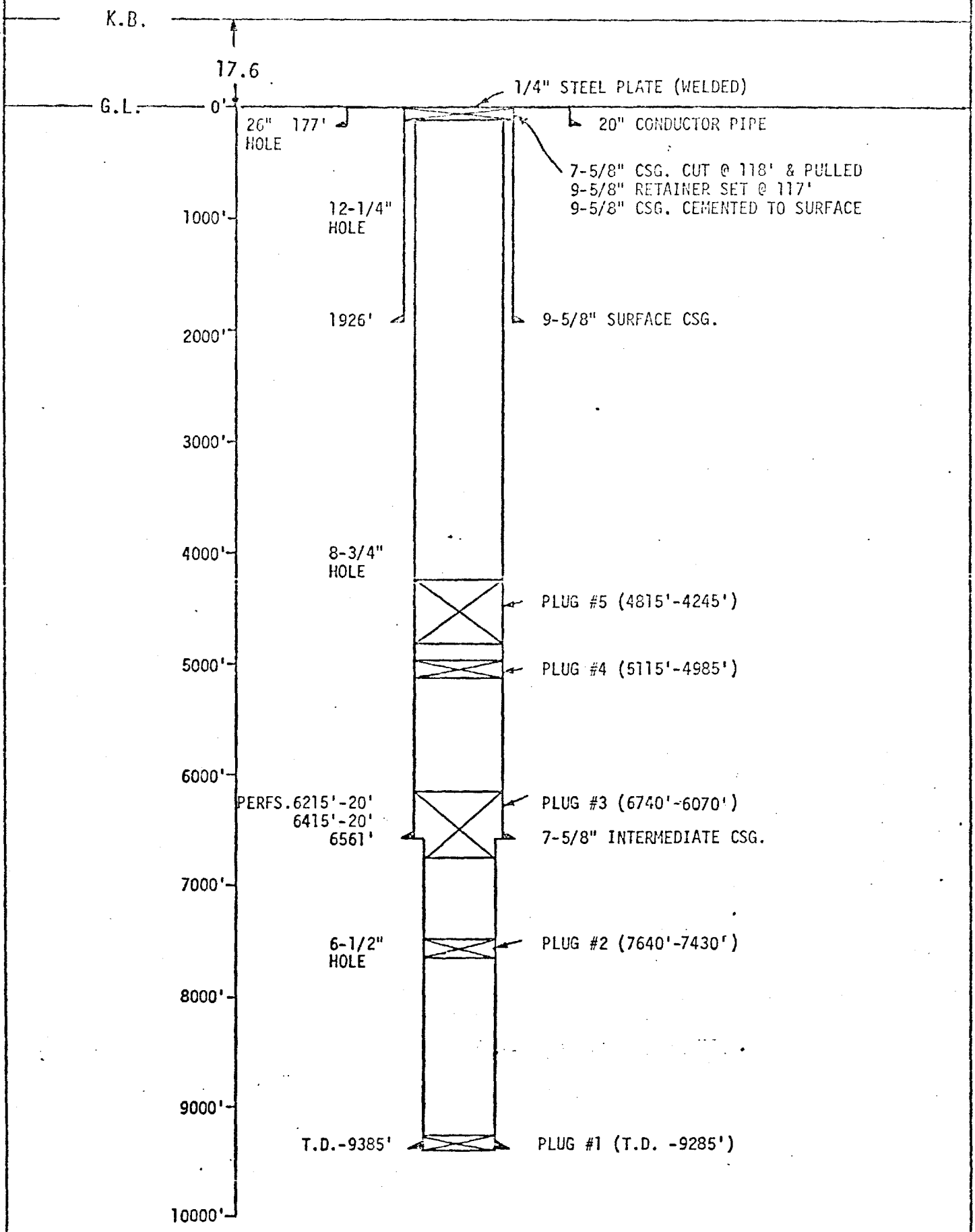
D.S.T. No. 3 Unable to obtain and hold packer seat in three attempts. Possibility that communication around packers (fractures) responsible for lack of packer seat.

D.S.T. No. 4 Packer seat held for one minute before mud in annulus started dropping. Examination of top packer revealed five to six holes and a split at the base of the packer.

D.S.T. No. 6 Unable to obtain packer seat. Bottom packer was punctured.

D.S.T. No. 8 Well initially flowed for 12 hours and then shut in for 12 hours. Second flow time was for 32-3/4 hours. Final shut in pressures and final flow pressures could not be obtained as clocks had run out.

	WELL DIAGRAM AND ABANDONMENT DETAILS	WELL NAME AND NUMBER: SHELL STE. FRANCOISE ROMAINE NO. 1



K 12022/23

GEOLOGY

K 12022/29

SUMMARY OF MECHANICAL LOGS RUN (SEE APPENDIX FOR COPIES OF LOGS)

WELL NAME AND NUMBER: SHELL STE-FRANCOISE-ROMAINE NO. 1

RUN NUMBER	DATE	TYPE	INTERVAL
1	January 4 & 5, 1972	DIL, BSGR-C, FDC, dipmeter, directional	1928 - 6560
2	March 8 & 9, 1972	DIL, BSGR-C, FDC, dipmeter, MLC, directional, bond log	6400 - 8480 100 - 6510
3	April 6, 1972	BSGR-C, FDC	8250 - 9380

K 12022/30

SAMPLE AND CORE DATA

WELL NAME AND NUMBER: SHELL STE-FRANCOISE-ROMAINE NO. 1

DITCH CUTTINGS

TOTAL INVERVAL SAMPLED
FROM TO

MATERIAL STORAGE LOCATION

	SPL	CORE
1. SHELL CANADA LTD. CALGARY WAREHOUSE CALGARY, ALBERTA	X	X
2. INSTITUTE OF SEDIMENTARY & PETROLEUM GEOLOGY 3303-33 ST. NW. CALGARY, ALBERTA	☐	☐
3. NOVA SCOTIA DEPT. OF MINES STELLARTON, NOVA SCOTIA	☐	☐
4. ALBERTA CONSERVATION BOARD	☐	☐
5. OTHER Quebec Dept. of Natural Resources, Quebec City, Quebec	X	X

SAMPLE INTERVAL

FROM	TO	FREQUENCY
00'	9385'	ONE SAMPLE EVERY 10 FEET

No samples 4710 - 4730'
8420 - 8430'

CONVENTIONAL CORE

NO.	SIZE	INTERVAL	RECOVERY	DATE CORED
1	3 1/2" diameter	7591-7596.7	4.7'	February 14, 1972
2	3 1/2" diameter	8425-8439	14'	March 7, 1972
3	3 1/2" diameter	8897-8927	30'	March 27, 1972

COMMENTS:

Samples described in MELISA format, AUNTY M print-out sent to Quebec government.

Sidewall Cores described in MELISA format, AUNTY M print-out sent to Quebec government.

Conventional Cores described on annotated core photos. Core photos sent to Quebec government.

K 12022/31

SAMPLE DESCRIPTION

WELL NAME AND NUMBER
SHELL STE-FRANCOISE-ROMAINE NO. 1

Please refer to the following AUNTY M print-out.

These lithologic descriptions are computer program print-outs and thus show certain irregularities and repetitions which are a function of either or both the computer hardware or software, e.g. "." = ;, "(" = %, "PCT" = %, etc. In the "Comments" section some abbreviations are used by the geologist for conservation of space on the original (MELISA) computer-plotted percentage-component litholog from which this is derived. If no color is given then the lithology is the same color as the next preceding lithology. Some colors are given in the Geological Society of America (Munsel) system, e.g. N5 = medium gray, etc. ("Light" = light gray, a computer omission in the Potsdam Group descriptions.)

DESCRIBED BY L. S. Eliuk

DATE _____

SHELL CANADA LIMITED

EXPLORATION AND PRODUCTION DEPT.

LITHOLOGIC DESCRIPTION

SAMPLE LOG

PROVINCE QUEBEC COMPANY SHELL QUÉBEC LIMITÉE AREA ST.LAW.LOWLND

WELL NAME STE-FRANCOISE-ROMAINE NO. 1

TOTAL DEPTH 9385 COMMENCED 07/11/71 COMPLETED 17/04/72

LAT. 46. DEG 28. MIN 25.00 SEC LONG. 071. DEG 54. MIN 57.00 SEC

DATE LOGGED /04/72 BY LESLIE ELIUK

ELEVATION AT KELLY BUSHING 0299 WATER DEPTH

LOGS AND ANALYSIS

DILL	ML	CDM
VEL	DENSITY	CALIPR
	CORE ANALYSIS	CORE PHOTO

REMARKS

DRY AND ABANDONED

00	DRIFT (ERRATICS)	30PCT QUARTZ SAND, 20PCT ARGILLACEOUS MATERIAL, 10PCT CALCAREOUS., TRACE OF METAMORPHIC ROCK FRAGMENTS, 20PCT METAMORPHIC ROCK FRAGMENTS.. GRAIN SIZE- MODE OF., MODE OF FELDSPAR MEDIUM., UNCONSOLIDATED. COMMENTS- GLACIAL DRIFT- GRANITIC GNEISS QTZ DIORITE,CHARNY SST, ORD. LS W/ CRI. VARIED COLORSORD, SN,YEL,GY CLEAR
30	DRIFT (CLAY)	10PCT SAND, 10PCT CALCAREOUS, 30PCT IGNEOUS., TRACE OF CALCAREOUS MATERIAL, 20PCT METAMORPHIC ROCK FRAGMENTS.. UNCONSOLIDATED. COMMENTS- ERRATICS AS ABOVE. SOFT N5 SH. SHALE INCREASES DOWNWARD
60	SHALE	N5., TRACE OF SILT.. DOLOMITE 2PCT. COMMENTS- GRAP'S MAY BE N1 FRG'S
70	SHALE	N5., 10PCT QUARTZ SILT., TRACE OF SILT.. CALCAREOUS MATERIAL 5PCT. COMMENTS- SHALY SLST INTERBD IN SHALE
75	SHALE	N5.. DOLOMITE 2PCT, SILT 2PCT.
90	SHALE	N5., 20PCT QUARTZ SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF MICA VERY FINE., BIOTITE 2PCT.
95	SHALE	N5.. DOLOMITE 3PCT, SILT 2PCT.
110	SHALE	N5., 10PCT QUARTZ SILT., TRACE OF DOLOMITE.
115	SHALE	N5.. GRAIN SIZE- MODE OF BIOTITE VERY COARSE., DOLOMITE 3PCT. COMMENTS- VC BIOTITE-
120	SHALE	N5., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 1PCT, SILT 3PCT. COMMENTS- N1 FRG. SILT OCCURS AS PARTING
140	SHALE	N5., 20PCT QUARTZ SILT., TRACE OF SILT, TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., THINLY BEDDED.
145	SHALE	N5., TRACE OF DOLOMITE.. SILT 2PCT.
150	SHALE	N5., 30PCT QUARTZ SILT, 10PCT DOLOMITIC.. GRAIN SIZE- MODE OF SAND VERY FINE., THINLY BEDDED.
155	SHALE	N5., TRACE OF DOLOMITE.
160	SHALE	N5., TRACE OF DOLOMITE.. SILT 2PCT. COMMENTS- MORE CAVED THAN USUAL

170	SHALE	N5., 20PCT QUARTZ SILT., TRACE OF DOLOMITE.. PYRITE 1PCT, BIOTITE 1PCT., THINLY BEDDED.
175	SHALE	N5.. DOLOMITE 7PCT, SILT 2PCT. COMMENTS- IN BOTH SH + SHLY SILT CARB. CMT PARTLY CALC MAINLY DOLM.
187	SHALE	N5., 20PCT QUARTZ SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 3PCT., THINLY BEDDED. COMMENTS- N1 VF FRAGMENTS
192	SHALE	N5., TRACE OF DOLOMITE.. SILT 2PCT.
209	SHALE	N5., 20PCT QUARTZ SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 3PCT., THINLY BEDDED. COMMENTS- N1 VF FRAGMENTS
214	SHALE	N5., TRACE OF SILT, TRACE OF DOLOMITE. COMMENTS- THIN SHLY SLTST INTERBEDS AS ABOVE TO 10(. TR CLEAR MASSIVE QTZ-F FRAG. NOT FREE GROWING.
267	SHALE	N5., 20PCT QUARTZ SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 6PCT., THINLY BEDDED. COMMENTS- N1 VF FRG'S
273	SHALE	N5.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES FINE., DOLOMITE 5PCT, SILT 2PCT.
280	SHALE	N5., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES FINE., SILT 1PCT. COMMENTS- CALCITE COMPLETELY INFILLS FRC
288	SHALE	N5., 20PCT QUARTZ SILT., TRACE OF SILT, TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 3PCT., THINLY BEDDED. COMMENTS- N1 VF FRAGMENTS
293	SHALE	N5.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES FINE., DOLOMITE 3PCT, SILT 1PCT. COMMENTS- CALCITE FILLED VEINS LESS THAN 1/2(
307	SHALE	N5., 20PCT QUARTZ SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES FINE., IRREGULAR FRAGMENTS 1PCT.
312	SHALE	N5., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES MEDIUM., SILT 1PCT. COMMENTS- GRAPTOLITES OR CARB MATTER

330	SHALE	N5., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES MEDIUM., CALCITE FILLED FRACTURES 1PCT, SILT 1PCT., SLICKENSIDES. COMMENTS- 5(SHLY SLTST.
340	SHALE	N5., 40PCT QUARTZ SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 3PCT., THINLY BEDDED.
345	SHALE	N5., TRACE OF DOLOMITE.
350	SHALE	N5., 40PCT QUARTZ SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 2PCT., THINLY BEDDED. COMMENTS- SLIGHT BROWN HUE IN SOME CHIPS
355	SHALE	N5.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES MEDIUM., DOLOMITE 3PCT, SILT 1PCT. COMMENTS- FRAC INFILL CALCITE LAMINATED
369	SHALE	N5., 30PCT QUARTZ SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 1PCT., THINLY BEDDED.
374	SHALE	N5.. DOLOMITE 2PCT. COMMENTS- TRACE INSOL CARBONACEOUS MAT.
380	SHALE	N5.. DOLOMITE 4PCT., SLICKENSIDES. COMMENTS- SPECKS CARB MAT. SLKSIDES+BRN STAIN(HC)ON CALC VEINS.
390	SHALE	N5., 30PCT QUARTZ SILT.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 3PCT, DOLOMITE 3PCT., THINLY BEDDED. COMMENTS- N1 VF FRG STILL IN SLTST
395	SHALE	N5.. DOLOMITE 3PCT, SILT 2PCT. COMMENTS- SPECKS CARB MAT.
408	SHALE	N5., 20PCT QUARTZ SILT., TRACE OF SILT, TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 1PCT., THINLY BEDDED.
413	SHALE	N5., TRACE OF DOLOMITE. COMMENTS- CARB SPECKS(XF)
426	SHALE	N5., 40PCT SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 3PCT, PYRITE 1PCT., THINLY BEDDED. COMMENTS- N1 VF FRG (CARB). SOME 5YR5/1

433	SHALE	TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES VERY COARSE., SLICKENSIDES., PERMEABILITY FAIR. COMMENTS- CARB SPECKS. VEINS VC W/ VF- F BLOCKY CALC INFILL+DEAD HC
448	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 5PCT, DOLOMITE 9PCT. COMMENTS- TR FRAC POR.IN PART CALC INFIL
455	SHALE	TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES MEDIUM., PELECYPODS 1PCT., SLICKENSIDES. COMMENTS- CARB SPECKS
465	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 8PCT., THINLY BEDDED. COMMENTS- TO 5YR5/1
470	SHALE	TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES MEDIUM.
475	SHALE	20PCT SILT, 20PCT QUARTZ SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 6PCT., THINLY BEDDED. COMMENTS- TO 5YR5/1
480	SHALE	GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES MEDIUM., DOLOMITE 4PCT.
486	SHALE	30PCT SILT, 10PCT QUARTZ SILT., TRACE OF SILT, TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 3PCT. COMMENTS- TO 5YR4/1
496	SHALE	TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES COARSE. COMMENTS- VEIN CALC LAMINATED. DK SPECKS
505	SHALE	20PCT SILT, 10PCT QUARTZ SILT., TRACE OF SILT, TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 5PCT, BIOTITE 1PCT.
514	SHALE	TRACE OF DOLOMITE. COMMENTS- CARB SPECKS
526	SHALE	20PCT SILT, 10PCT QUARTZ SILT.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 5PCT, DOLOMITE 4PCT. COMMENTS- N1 VF FRAGMENTS
531	SHALE	TRACE OF DOLOMITE.

540	SHALE	20PCT SILT, 10PCT QUARTZ SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 5PCT, BIOTITE 1PCT., THINLY BEDDED. COMMENTS- TO 5YR5/1
545	SHALE	TRACE OF DOLOMITE.
557	SHALE	20PCT SILT, 10PCT QUARTZ SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 5PCT., THINLY BEDDED. COMMENTS- TO 5YR5/1
565	SHALE	GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES MEDIUM., DOLOMITE 4PCT, SILT 1PCT.
577	SHALE	20PCT SILT, 10PCT QUARTZ SILT, 10PCT DOLOMITIC.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 4PCT, DOLOMITE 6PCT., THINLY BEDDED. COMMENTS- TO 5YR5/1
585	SHALE	GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES FINE., DOLOMITE 4PCT, SILT 1PCT.
599	SHALE	30PCT SILT, 10PCT QUARTZ SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 2PCT., THINLY BEDDED, SLICKENSIDES. COMMENTS- TO 5YR4/1. N1 VF FRAG.
604	SHALE	TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES MEDIUM., SILT 2PCT. COMMENTS- TR. CARB SPECKS
616	SHALE	30PCT SILT, 10PCT QUARTZ SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 3PCT., THINLY BEDDED. COMMENTS- 5YR5/1
625	SHALE	TRACE OF DOLOMITE.. SILT 1PCT. COMMENTS- SOME CHIPS 5YR4/1.CARB SPECKS
634	SHALE	30PCT SILT, 10PCT QUARTZ SILT, 10PCT DOLOMITIC.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 2PCT, DOLOMITE 9PCT., THINLY BEDDED. COMMENTS- TO 5YR5/1. N1 VF FRAG
643	SHALE	10PCT DOLOMITIC.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES MEDIUM., DOLOMITE 7PCT, SILT 2PCT. COMMENTS- CARB SPECKS

657	SHALE	30PCT SILT, 10PCT QUARTZ SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 4PCT, PYRITE 1PCT., THINLY BEDDED. COMMENTS- TO 5YR5/1
664	SHALE	TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES MEDIUM., SILT 3PCT., SLICKENSIDES. COMMENTS- CARB SPECKS
678	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 2PCT., THINLY BEDDED. COMMENTS- TO 5YR5/1. N1
683	SHALE	TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES COARSE., MODE OF CALCITE FILLED FRACTURES FINE., CALCITE FILLED FRACTURES 1PCT., SLICKENSIDES. COMMENTS- TR CARB SPECKS. TR FRAC POR. IN CALC VEINS
696	SHALE	20PCT SILT, 20PCT QUARTZ SILT., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES MEDIUM., IRREGULAR FRAGMENTS 5PCT., THINLY BEDDED. COMMENTS- TO 5YR4/1. N1 VF FRAG
702	SHALE	10PCT DOLOMITIC.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES COARSE., CALCITE FILLED FRACTURES 2PCT, SILT 1PCT., SLICKENSIDES. COMMENTS- TR CARB SPECKS. SOME 5YR4/1. FRAC POR W/ C FREE-TERM. CALC.
718	SHALE	20PCT SILT, 20PCT QUARTZ SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 3PCT., THINLY BEDDED.
723	SHALE	TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES MEDIUM., SILT 2PCT., SLICKENSIDES. COMMENTS- TR CARB SPECKS
738	SHALE	20PCT SILT, 20PCT QUARTZ SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 2PCT., THINLY BEDDED. COMMENTS- TO 5YR5/1
743	SHALE	TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES MEDIUM., CALCITE FILLED FRACTURES 1PCT, SILT 2PCT., SLICKENSIDES. COMMENTS- TR CARB SPECKS. FRAC POR-DOG TOOTH SPAR M CALCITE

757 SHALE

20PCT SILT, 10PCT QUARTZ SILT., TRACE OF SILT, TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES FINE., MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 6PCT, PYRITE 1PCT., THINLY BEDDED.
COMMENTS- TO 5YR5/1

762 SHALE

TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES COARSE., CALCITE FILLED FRACTURES 2PCT., SLICKENSIDES.
COMMENTS- TR CARB SPECKS. FRAC POR -DOG TOOTH SPAR M CALCITE

777 SHALE

20PCT SILT, 20PCT QUARTZ SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 2PCT., THINLY BEDDED.
COMMENTS- TO 5YR5/1. N1 VF SPECKS

782 SHALE

TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES MEDIUM., CALCITE FILLED FRACTURES 2PCT, SILT 2PCT.
COMMENTS- TR C CLEAR QTZ=VEIN FILLING CARB SPECKS (CAVED IGN RX)

799 SHALE

20PCT SILT, 20PCT QUARTZ SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 3PCT., THINLY BEDDED.
COMMENTS- TO 5YR5/1.

804 SHALE

TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES MEDIUM., SILT 3PCT., SLICKENSIDES.
COMMENTS- CARB SPECKS

817 SHALE

20PCT SILT, 20PCT QUARTZ SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 2PCT., THINLY BEDDED.
COMMENTS- TO 5YR5/1. 2HUES OF SHLY SLTST

823 SHALE

TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES COARSE., CALCITE FILLED FRACTURES 1PCT, SILT 2PCT., SLICKENSIDES.
COMMENTS- TR CARB SPECKS

839 SHALE

20PCT SILT, 20PCT QUARTZ SILT., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 2PCT, SILT 2PCT., THINLY BEDDED.
COMMENTS- TO 5YR5/1

844 SHALE

TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES COARSE., SLICKENSIDES.

857	SHALE	20PCT SILT, 20PCT QUARTZ SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 3PCT., THINLY BEDDED. COMMENTS- N1 VF FRAG
865	SHALE	TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF., SILT 2PCT. COMMENTS- CARB SPECKS. C QTZ(CAVE) CAVING DUE TO TRIPOWD,CMT,PT.
889	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 2PCT.
894	SHALE	TRACE OF DOLOMITE.. SILT 1PCT. COMMENTS- CARB SPECKS
908	SHALE	20PCT SILT, 20PCT QUARTZ SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE. COMMENTS- N1 VF FRAG (LOST 5YR5/1 HUE)
913	SHALE	TRACE OF DOLOMITE.. SILT 1PCT. COMMENTS- CARB SPECKS+PARTINGS 900-910 MAY BE MISSING
938	SHALE	20PCT SILT, 10PCT QUARTZ SILT., TRACE OF SILT, TRACE OF DOLOMITE.
943	SHALE	TRACE OF DOLOMITE.. SLICKENSIDES. COMMENTS- TR CARB SPECKS. 1 10(SHLY SLTST AS ABOVE
959	SHALE	20PCT SILT, 10PCT QUARTZ SILT., TRACE OF SILT, TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 1PCT.
964	SHALE	TRACE OF DOLOMITE.. SLICKENSIDES. COMMENTS- TR CARB SPKS. CALC VEINS RARE 10(SHLY SLTST AS ABOVE
988	SHALE	20PCT SILT, 10PCT QUARTZ SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 2PCT.
993	SHALE	TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES MEDIUM., SILT 1PCT., SLICKENSIDES. COMMENTS- CARB SPECKS 5-10(SHLY SLTST AS ABOVE
1039	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 2PCT., THINLY BEDDED. COMMENTS- N1 VF FRG
1044	SHALE	TRACE OF DOLOMITE.. SILT 2PCT. COMMENTS- CARB SPECKS. 5-10(SHLY SLTST AS ABOVE

1073	SHALE	TRACE OF SILT, TRACE OF DOLOMITE. COMMENTS- WOOD CHIPS 10(SHLY SLTST AS ABOVE
1084	SHALE	TRACE OF DOLOMITE.. SILT 2PCT., SLICKENSIDES. COMMENTS- CARB SPECKS 5-10(SHLY SLTST AS ABOVE
1098	SHALE	20PCT SILT, 20PCT QUARTZ SILT., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 4PCT., THINLY BEDDED. COMMENTS- N1 VF FRAG
1103	SHALE	TRACE OF DOLOMITE.. SILT 2PCT., SLICKENSIDES.
1138	SHALE	20PCT SILT, 20PCT QUARTZ SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 5PCT., THINLY BEDDED.
1143	SHALE	TRACE OF DOLOMITE.. SILT 2PCT. COMMENTS- TR CARB SPECKS 10(SHLY SLTST AS ABOVE
1168	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 4PCT., THINLY BEDDED. COMMENTS- N1 VF FRAG
1173	SHALE	TRACE OF DOLOMITE.. SILT 3PCT.
1189	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 5PCT., THINLY BEDDED. COMMENTS- N1 VF FRAG
1194	SHALE	TRACE OF DOLOMITE. COMMENTS- CARB SPECKS 10(SHLY SLTST AS ABOVE
1230	SHALE	TRACE OF SILT, TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES MEDIUM. COMMENTS- TRACE VEIN-FILLING CALCITE
1240	SHALE	TRACE OF DOLOMITE.. SILT 1PCT. COMMENTS- WOOD CHIPS ETC. CARB SPECKS 10(SHLY SLTST AS ABOVE
1270	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 5PCT., THINLY BEDDED. COMMENTS- VF N1 FRAG. RARE 5YR4/1 HUE
1275	SHALE	TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES MEDIUM., SILT 1PCT., SLICKENSIDES. COMMENTS- CARB SPECKS 5-10(SHLY SLTST AS ABOVE

1328	SHALE	20PCT SILT, 10PCT QUARTZ SILT, 10PCT DOLOMITIC.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 3PCT., THINLY BEDDED. COMMENTS- N1 VF FRAG
1333	SHALE	10PCT DOLOMITIC.. DOLOMITE 9PCT, SILT 3PCT., SLICKENSIDES. COMMENTS- CARB SPECKS 5-10(SHLY SLTST
1380	SHALE	TRACE OF SILT, TRACE OF DOLOMITE.. POOR GAS SHOW. COMMENTS- CARB SPECKS. 10(SHLY SLTST C1,C2,C3'S IN GAS AT 1395-1430
1410	SHALE	20PCT SILT, 20PCT QUARTZ SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., GOOD GAS SHOW. COMMENTS- TO 5YR5/1. N1 VF FRG. (CAVE)
1415	SHALE	TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF., SILT 2PCT., GOOD GAS SHOW. COMMENTS- CAVEDO WOOD,IGN RX,CMT,PNT(DUE TO GAS KICK) ALSO C RD QTZ
1433	SHALE	TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF., MODE OF CALCITE FILLED FRACTURES MEDIUM., SILT 2PCT. COMMENTS- STILL MINOR CAVING. CARB SRKS QTZ GRNS(CAVE).5(SHLY SLTST
1470	SHALE	TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES MEDIUM., SILT 2PCT. COMMENTS- CARB SPECKS 5(SHLY SLTST AS ABOVE
1500	SHALE	TRACE OF DOLOMITE. COMMENTS- CONSIDERABLE SHALE CAVE ALSO PAINT ETC.
1515	SHALE	TRACE OF DOLOMITE. COMMENTS- CARB SPECKS. TR QTZ, TR CALC 5-10(SHLY SILTSTONE AS ABOVE
1560	SHALE	TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES MEDIUM., SILT 2PCT., SLICKENSIDES. COMMENTS- TR M-VC-QTZ. TR CARB SPECKS
1569	SHALE	20PCT SILT, 10PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF SILT.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 3PCT., THINLY BEDDED. COMMENTS- AS ABOVE,PROB TN BD THRUOUT SH
1574	SHALE	TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES COARSE., SILT 2PCT. COMMENTS- TR CARB SPECKS. TR QTZ FILLED FRAC W/ HC INCLUSIONS.

1589	SHALE	20PCT SILT, 10PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF SILT.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 4PCT., THINLY BEDDED. COMMENTS- AS ABOVE-DISSEMINATED
1594	SHALE	TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES COARSE., SILT 1PCT., SLICKENSIDES. COMMENTS- TR CARB SPECKS. TR VEIN QTZ 5-10(SHLY SLTST AS ABOVE
1635	SHALE	10PCT SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES MEDIUM. COMMENTS- SLT IN TN BD'S AS ABOVE CARB SPECKS
1645	SHALE	TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES MEDIUM., SILT 1PCT., SLICKENSIDES. COMMENTS- TR CARB SPECKS. TR QTZ 5-10(SHLY SLTST AS ABOVE
1679	SHALE	20PCT SILT, 10PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF SILT.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 4PCT. COMMENTS- TO 5YR5/1. N1 VF FRAG.
1684	SHALE	TRACE OF DOLOMITE.. CALCITE FILLED FRACTURES 1PCT, SILT 4PCT. COMMENTS- TR CARB SPECKS. SL TR QTZ DEAD OIL IN FRACTURE
1699	SHALE	N4., 30PCT SILT, 10PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 5PCT., THINLY BEDDED. COMMENTS- TO RARELY 5YR4/1. N1 VF FRAG
1704	SHALE	N5., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF., SILT 1PCT. COMMENTS- CARB SPECKS. TR M-VC QTZ COLOR ABOUT 1/2 VALUE DARKER
1719	SHALE	N5., 20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 3PCT. COMMENTS- TO 5YR4/1 RARELY. N1 VF FRAG
1724	SHALE	TRACE OF SILT, TRACE OF DOLOMITE.. SLICKENSIDES. COMMENTS- CARB SPECKS. TR M QTZ 10(SHLY SLTST AS ABOVE
1748	SHALE	20PCT SILT, 20PCT QUARTZ SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 4PCT., THINLY BEDDED.

1753	SHALE	TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES COARSE., SILT 2PCT. COMMENTS- CARB SPECKS
1760	SHALE	TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES MEDIUM., SILT 3PCT., SLICKENSIDES. COMMENTS- CARB SPECKS. TR M QTZ 10(SHLY SLTST AS ABOVE
1795	SHALE	10PCT SILT., TRACE OF SILT, TRACE OF DOLOMITE. COMMENTS- CARB SPECKS SLTST AS INTERBEDS
1805	SHALE	10PCT DOLOMITIC.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES MEDIUM., SILT 2PCT. COMMENTS- CARB SPECKS. TR C QTZ
1817	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 4PCT., THINLY BEDDED. COMMENTS- N1 VF FRAG
1823	SHALE	10PCT DOLOMITIC.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES VERY COARSE., PYRITE 1PCT, SILT 3PCT., SLICKENSIDES. COMMENTS- CARB SPECKS.
1838	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 4PCT., THINLY BEDDED.
1843	SHALE	TRACE OF DOLOMITE.. SILT 3PCT. COMMENTS- CARB SPECKS. TR VC QTZ
1858	SHALE	20PCT SILT, 10PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF SILT.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 4PCT., THINLY BEDDED. COMMENTS- TO 5YR4/1 RARELY
1863	SHALE	TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES MEDIUM., SILT 4PCT., SLICKENSIDES. COMMENTS- CARB SPECKS 10(SHLY SLTST AS ABOVE
1888	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 5PCT., THINLY BEDDED. COMMENTS- TR C QTZ. PARTLY CAVING
1893	SHALE	10PCT DOLOMITIC.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES COARSE.

1906	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 5PCT. COMMENTS- N1 VF FRAG. MAY BE CAVINGS.
1913	SHALE	TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES COARSE. COMMENTS- BAD CAVING EG. IGN RX,XC QTZ
1920	SHALE	TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES MEDIUM., SILT 3PCT., SLICKENSIDES. COMMENTS- CARB SPECKS 10(SHLY SLTST AS ABOVE
1940	SHALE	TRACE OF DOLOMITE.. SILT 4PCT., SLICKENSIDES. COMMENTS- TO N4. CAVINGSOCMT,PIPE ,GEL 10(SHLY SLTST AS ABOVE
1967	SHALE	20PCT SILT, 10PCT QUARTZ SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 2PCT., THINLY BEDDED. COMMENTS- N2 VF FRAG. SLGTLY CALC
1973	SHALE	TRACE OF SILT, TRACE OF DOLOMITE. COMMENTS- TR CARB SPECKS.(CMT HAS F QTZ)
1986	SHALE	20PCT SILT, 10PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF SAND FINE., MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 3PCT. COMMENTS- N1 VF FRAG
1993	SHALE	10PCT DOLOMITIC.. SILT 3PCT. COMMENTS- CARB SPECKS
2006	SHALE	20PCT SILT, 10PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF SILT, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF QUARTZ FILLED FRACTURES MEDIUM., MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 3PCT., THINLY BEDDED. COMMENTS- TO SLIGHT 5YR5/1
2011	SHALE	TRACE OF DOLOMITE.. SILT 5PCT., SLICKENSIDES. COMMENTS- CARB SPECKS. SLGTLY CALC
2016	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 3PCT. COMMENTS- TO 5YR4/1. N1 VF FRAG
2026	SHALE	TRACE OF DOLOMITE. COMMENTS- CARB SPECKS

2038	SHALE	10PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 3PCT. COMMENTS- TO 5YR4/1.
2043	SHALE	TRACE OF DOLOMITE.. CALCAREOUS MATERIAL 1PCT, SILT 3PCT. COMMENTS- SLIGHT BRN HUE. REL. LG CHIPS
2050	SHALE	10PCT SILT., TRACE OF DOLOMITE. COMMENTS- POOR-SAMPLES 2050-2300 SINCE VERY SMALL CHIPS. SHALE+ THIN
2060	SHALE	10PCT SILT, 10PCT DOLOMITIC., TRACE OF SILT, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., CALCITE FILLED FRACTURES 1PCT, IRREGULAR FRAGMENTS 1PCT. COMMENTS- SHLY SLTST INTERBDS LOGGED TO- GETHER FOR THIS INTERVAL
2070	SHALE	10PCT SILT, 10PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 1PCT. COMMENTS- TRAGLAUCONITE -10GY4/2 MINERAL IN SLTST-2060. TRPCARB SPECKS
2080	SHALE	10PCT SILT, 10PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF CALCAREOUS MATERIAL.. IRREGULAR FRAGMENTS 1PCT.
2090	SHALE	10PCT SILT, 10PCT DOLOMITIC., TRACE OF SILT, TRACE OF CALCAREOUS MATERIAL.. CALCITE FILLED FRACTURES 1PCT.
2100	SHALE	10PCT SILT, 10PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF SILT, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 2PCT.
2120	SHALE	10PCT SILT, 10PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF CALCAREOUS MATERIAL. COMMENTS- DEAD OIL IN CALCITE VEINS
2130	SHALE	10PCT SILT, 10PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF SILT, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 2PCT.
2160	SHALE	10PCT SILT, 10PCT QUARTZ SILT., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 2PCT.

2190	SHALE	10PCT SILT, 10PCT QUARTZ SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 2PCT. COMMENTS- DEAD OIL IN SLTST
2200	SHALE	20PCT SILT., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 2PCT. COMMENTS- TR QUESTIONABLE GLAUCONITE
2210	SHALE	10PCT SILT, 10PCT QUARTZ SILT.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., PYRITE 1PCT.
2220	SHALE	20PCT SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 2PCT.
2230	SHALE	10PCT SILT., TRACE OF DOLOMITE.. IRREGULAR FRAGMENTS 1PCT.
2270	SHALE	10PCT SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 2PCT. COMMENTS- 10-20(SHLY SLTST INTERBEDS
2320	SHALE	TRACE OF DOLOMITE.. SILT 2PCT.
2326	SHALE	20PCT SILT, 10PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF SILT, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 4PCT., THINLY BEDDED. COMMENTS- SOME BRN HUE.
2333	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 1PCT, PYRITE 2PCT, SILT 2PCT.
2347	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 5PCT.
2354	SHALE	TRACE OF DOLOMITE.. PYRITE 1PCT, SILT 3PCT.
2365	SHALE	30PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 5PCT., THINLY BEDDED. COMMENTS- TR PINK FELDSPAR
2374	SHALE	TRACE OF DOLOMITE.

2387	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., THINLY BEDDED. COMMENTS- TR POSSIBLE DEAD OIL STAIN
2394	SHALE	TRACE OF DOLOMITE.. SILT 2PCT.
2417	SHALE	30PCT SILT, 10PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 5PCT., THINLY BEDDED. COMMENTS- SLIGHTLY SILICEOUS
2422	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 2PCT, SILT 2PCT., SLICKENSIDES. COMMENTS- FREE-TERM.QTZ XTALS(M)IN OPEN VEIN- THIN DEAD OIL STAIN
2435	SHALE	30PCT SILT, 10PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS FINE., MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 5PCT., THINLY BEDDED., GOOD GAS SHOW.
2440	SHALE	TRACE OF DOLOMITE.. SILT 2PCT.
2445	SHALE	20PCT SILT, 10PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF SILT, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS FINE., MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 7PCT.
2450	SHALE	TRACE OF DOLOMITE.. SILT 1PCT.
2458	SHALE	40PCT SILT, 10PCT DOLOMITIC., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 4PCT. COMMENTS- SOME FAIRLY CALC SLTST
2464	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 1PCT, SILT 1PCT., SLICKENSIDES.
2476	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 7PCT., THINLY BEDDED.
2483	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 2PCT, SILT 2PCT., SLICKENSIDES. COMMENTS- CARB SPECKS

2497	SHALE	30PCT SILT, 10PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 8PCT., THINLY BEDDED. COMMENTS- GRADES INTO SHALE
2505	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 1PCT, SILT 3PCT., SLICKENSIDES., POOR GAS SHOW.
2510	SHALE	20PCT SILT, 20PCT QUARTZ SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 7PCT., POOR GAS SHOW.
2515	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 1PCT.
2524	SHALE	20PCT SILT, 10PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF DOLOMITE, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 8PCT., THINLY BEDDED.
2530	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 1PCT, SILT 5PCT., SLICKENSIDES.
2536	SHALE	20PCT SILT, 10PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF DOLOMITE, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 8PCT. COMMENTS- DEAD OIL
2545	SHALE	TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES MEDIUM., SLICKENSIDES.
2556	SHALE	30PCT SILT, 10PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 6PCT., THINLY BEDDED. COMMENTS- RUSTY STAINS
2564	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 1PCT, SILT 1PCT. COMMENTS- IMPRESSION OF FOS.(BRYO)
2576	SHALE	20PCT SILT, 10PCT QUARTZ SILT, 10PCT DOLOMITIC.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 7PCT.
2583	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 1PCT., SLICKENSIDES.
2595	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 6PCT., THINLY BEDDED.

2604	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 1PCT, SILT 2PCT., SLICKENSIDES.
2616	SHALE	20PCT SILT, 10PCT QUARTZ SILT, 10PCT DOLOMITIC.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 7PCT.
2624	SHALE	GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES COARSE., CARBONACEOUS MATERIAL 1PCT, DOLOMITE 2PCT, SILT 3PCT., SLICKENSIDES.
2638	SHALE	20PCT SILT, 10PCT QUARTZ SILT, 10PCT DOLOMITIC.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 7PCT.
2643	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 2PCT, SILT 2PCT., SLICKENSIDES.
2657	SHALE	20PCT SILT, 10PCT QUARTZ SILT, 10PCT DOLOMITIC.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 5PCT, CALCAREOUS MATERIAL 1PCT.
2664	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 3PCT. COMMENTS- DEAD OIL IN SOME VEIN CALCITE
2677	SHALE	20PCT SILT, 10PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF DOLOMITE, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 4PCT.
2683	SHALE	TRACE OF DOLOMITE.. SILT 2PCT., SLICKENSIDES.
2697	SHALE	20PCT SILT, 10PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 6PCT., GOOD GAS SHOW.
2704	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 3PCT. COMMENTS- TRIP CAVINGS
2717	SHALE	20PCT SILT, 10PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF CALCAREOUS MATERIAL.. IRREGULAR FRAGMENTS 7PCT.
2723	SHALE	TRACE OF DOLOMITE.. SILT 3PCT.
2737	SHALE	20PCT SILT, 10PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF CALCAREOUS MATERIAL.. IRREGULAR FRAGMENTS 6PCT.
2742	SHALE	TRACE OF DOLOMITE.. SILT 3PCT.

2757	SHALE	20PCT SILT, 10PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 5PCT, PHLOGOPITE 1PCT. COMMENTS- CURRENT ALIGNED FRAG
2764	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 1PCT, SILT 2PCT. COMMENTS- PYRITE IN ALL SHALES SUBLITHO.
2770	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 1PCT, SILT 1PCT. COMMENTS- CARB SPECKS(SL)
2778	SHALE	10PCT SILT, 20PCT QUARTZ SILT., TRACE OF DOLOMITE.. IRREGULAR FRAGMENTS 5PCT., THINLY BEDDED.
2783	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 2PCT, SILT 2PCT.
2797	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 6PCT.
2803	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 3PCT, CALCAREOUS MATERIAL 2PCT. COMMENTS- CARB SPECKS OFTEN AS LAMINAE
2816	SHALE	10PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 7PCT, PHLOGOPITE 1PCT, CALCAREOUS MATERIAL 7PCT., THINLY BEDDED, LAMINATED.
2823	SHALE	TRACE OF DOLOMITE.
2836	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 8PCT., THINLY BEDDED., GOOD GAS SHOW. COMMENTS- TO 5YR4/1.
2844	SHALE	TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES COARSE., CARBONACEOUS MATERIAL 4PCT, SILT 2PCT., SLICKENSIDES., GOOD GAS SHOW. COMMENTS- FROM 2830 TO 2930+ GET C2,C3, C4 PLUS C1. ALSO PET. VAPORS.

2857	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 8PCT, PHLOGOPITE 1PCT., THINLY BEDDED, LAMINATED., GOOD GAS SHOW. COMMENTS- TO 5YR4/1.
2864	SHALE	TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES COARSE., CARBONACEOUS MATERIAL 3PCT, PYRITE 2PCT, SILT 2PCT., GOOD GAS SHOW.
2875	SHALE	30PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., 20PCT ARGILLACEOUS MATERIAL, TRACE OF DOLOMITE, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 7PCT., THINLY BEDDED, LAMINATED., GOOD GAS SHOW. COMMENTS- TO 5YR4/1
2884	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 3PCT, SILT 3PCT., SLICKENSIDES., GOOD GAS SHOW.
2897	SHALE	40PCT QUARTZ SILT., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 5PCT., THINLY BEDDED., GOOD GAS SHOW.
2902	SHALE	10PCT SILT., TRACE OF DOLOMITE.. GOOD GAS SHOW. COMMENTS- POOR SAMPLE-TRIP CAVINGS
2910	SHALE	TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES MEDIUM., CARBONACEOUS MATERIAL 2PCT, CALCAREOUS MATERIAL 1PCT, SILT 1PCT., GOOD GAS SHOW. COMMENTS- POOR SAMPLE-SMALL CUTTINGS
2918	SHALE	10PCT SILT, 20PCT QUARTZ SILT., TRACE OF SILT, TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 8PCT, PYRITE 1PCT, CALCAREOUS MATERIAL 2PCT., THINLY BEDDED., GOOD GAS SHOW. COMMENTS- TO N4
2925	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 2PCT, CALCAREOUS MATERIAL 1PCT, SILT 2PCT., GOOD GAS SHOW.
2936	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 7PCT., THINLY BEDDED. COMMENTS- TR VF-F QTZ. TR F-M CARB FRAG
2945	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 1PCT.

2954	SHALE	30PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., 20PCT ARGILLACEOUS MATERIAL, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 8PCT., THINLY BEDDED. COMMENTS- TO 5YR4/1
2965	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 2PCT, PYRITE 1PCT, SILT 2PCT. COMMENTS- CARB SPECKS-SL-VF.PYRITE-LI.
2975	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 9PCT, PYRITE 1PCT, PHLOGOPITE 1PCT., THINLY BEDDED. COMMENTS- DEAD OIL AS ABOVE SHLY SLTST INTERBD IN SHALE
2985	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 1PCT, PYRITE 2PCT, SILT 2PCT.
2995	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF DOLOMITE, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 7PCT, PYRITE 1PCT., THINLY BEDDED. COMMENTS- TR VF QTZ.
3004	SHALE	TRACE OF CALCAREOUS MATERIAL, TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 4PCT, SILT 3PCT.
3016	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF DOLOMITE, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 8PCT, PYRITE 1PCT, PHLOGOPITE 1PCT., THINLY BEDDED.
3021	SHALE	10PCT SILT., TRACE OF DOLOMITE. COMMENTS- POOR SAMPLE-SMALL CUTTINGS
3030	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 2PCT, SILT 1PCT., GOOD GAS SHOW.
3036	SHALE	10PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 6PCT., THINLY BEDDED., GOOD GAS SHOW. COMMENTS- TR UF-F QTZ
3043	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 1PCT, SILT 2PCT., GOOD GAS SHOW. COMMENTS- 3030-3070 GET +20M C1 PLUS C2 C3 C4 + PET VAPOR

3056	SHALE	10PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 6PCT, PYRITE 1PCT., GOOD GAS SHOW. COMMENTS- TO 5YR4/1. TR F SR QTZ SST,CAL
3065	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 1PCT., SLICKENSIDES., GOOD GAS SHOW.
3077	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 5PCT, PYRITE 2PCT., THINLY BEDDED, LAMINATED.
3084	SHALE	TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES MEDIUM., CARBONACEOUS MATERIAL 2PCT, CALCAREOUS MATERIAL 2PCT, SILT 1PCT.
3097	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 7PCT., THINLY BEDDED.
3104	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 2PCT, PYRITE 2PCT, CALCAREOUS MATERIAL 1PCT, SILT 1PCT.
3115	SHALE	10PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 7PCT., THINLY BEDDED. COMMENTS- TO 5YR4/1.
3125	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 1PCT, CALCAREOUS MATERIAL 1PCT.
3137	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 5PCT, MUSCOVITE 1PCT., THINLY BEDDED.
3144	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 1PCT, SILT 1PCT., SLICKENSIDES.
3157	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 5PCT, PYRITE 1PCT, CALCAREOUS MATERIAL 1PCT., THINLY BEDDED, LAMINATED. COMMENTS- TR GRN MINERAL=GLAUCONITE
3164	SHALE	TRACE OF DOLOMITE.. CALCAREOUS MATERIAL 1PCT. COMMENTS- SOME TO N4

3177	SHALE	10PCT SILT, 20PCT QUARTZ SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 8PCT., THINLY BEDDED.
3183	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 2PCT, SILT 1PCT. COMMENTS- TR FREE-TERM VEIN CALCITE
3198	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 8PCT, CALCAREOUS MATERIAL 1PCT., THINLY BEDDED, LAMINATED. COMMENTS- TR VF QTZ.
3203	SHALE	TRACE OF DOLOMITE.. SILT 1PCT. COMMENTS- SOME TO N4
3216	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF SILT.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 8PCT, CALCAREOUS MATERIAL 1PCT., THINLY BEDDED.
3223	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 1PCT, PYRITE 1PCT.
3237	SHALE	10PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC.
3242	SHALE	COMMENTS- SHARR CONTACT BETWEEN LITH'X
3248	SHALE	10PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES COARSE., MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 5PCT, PYRITE 1PCT., THINLY BEDDED. COMMENTS- TR VF SAND. SLIGHTLY SILICEOUS
3253	SHALE	CARBONACEOUS MATERIAL 2PCT, DOLOMITE 3PCT, SILT 3PCT., SLICKENSIDES.
3267	SHALE	20PCT SILT, 10PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 4PCT, PYRITE 1PCT., THINLY BEDDED. COMMENTS- 2(SUBANG.VF SAND.
3273	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 2PCT, CALCAREOUS MATERIAL 1PCT.
3287	SHALE	10PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 5PCT, PYRITE 1PCT, CALCAREOUS MATERIAL 1PCT., THINLY BEDDED.

3293	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 1PCT, SILT 1PCT. COMMENTS- CARB SPECKS CONC IN LAMINAE
3307	SHALE	20PCT QUARTZ SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 5PCT, CARBONACEOUS MATERIAL 1PCT., THINLY BEDDED.
3312	SHALE	CARBONACEOUS MATERIAL 1PCT, DOLOMITE 4PCT.
3327	SHALE	30PCT QUARTZ SILT., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 4PCT., THINLY BEDDED.
3332	SHALE	N4.. DOLOMITE 4PCT, SILT 2PCT., SLICKENSIDES.
3348	SHALE	N5., 10PCT SILT, 20PCT QUARTZ SILT., TRACE OF DOLOMITE.. IRREGULAR FRAGMENTS 7PCT, PYRITE 2PCT.
3353	SHALE	N5., TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 1PCT.
3367	SHALE	N5., 20PCT SILT, 10PCT QUARTZ SILT., TRACE OF DOLOMITE.. IRREGULAR FRAGMENTS 3PCT, PYRITE 1PCT., THINLY BEDDED.
3374	SHALE	CARBONACEOUS MATERIAL 1PCT, DOLOMITE 3PCT, SILT 1PCT.
3387	SHALE	10PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 5PCT.
3393	SHALE	CARBONACEOUS MATERIAL 1PCT, DOLOMITE 4PCT.
3407	SHALE	10PCT SILT, 20PCT QUARTZ SILT., TRACE OF SILT.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., THINLY BEDDED. COMMENTS- FELDSPAR
3414	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 1PCT.
3426	SHALE	20PCT SILT, 10PCT QUARTZ SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 5PCT, CALCAREOUS MATERIAL 1PCT., THINLY BEDDED.
3434	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 1PCT, SILT 1PCT.
3447	SHALE	20PCT SILT, 10PCT QUARTZ SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 5PCT, PYRITE 1PCT. COMMENTS- RARE VF QTZ SAND GRN'S

3454	SHALE	DOLOMITE 4PCT.
3467	SHALE	20PCT SILT, 10PCT QUARTZ SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 7PCT, CALCAREOUS MATERIAL 1PCT., THINLY BEDDED.
3474	SHALE	TRACE OF DOLOMITE.
3486	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 7PCT. COMMENTS- TO 5YR4/1. RARE VF QTZ GRNS
3494	SHALE	TRACE OF DOLOMITE.. SILT 4PCT. COMMENTS- TR 40(ARG XLN SL GY-BRN LST.
3506	SHALE	10PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 6PCT, CALCAREOUS MATERIAL 1PCT., THINLY BEDDED. COMMENTS- OCC.F-VF QTZ GRNS.
3513	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 1PCT, SILT 4PCT.
3525	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF ARGILLACEOUS MATERIAL.. IRREGULAR FRAGMENTS 6PCT, CALCAREOUS MATERIAL 1PCT., THINLY BEDDED. COMMENTS- TO 5YR5/1. TR SILICEOUS
3534	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 2PCT, SILT 3PCT., SLICKENSIDES.
3546	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 8PCT., THINLY BEDDED. COMMENTS- TO 5YR5/1
3553	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 1PCT, PYRITE 1PCT. COMMENTS- 2 SHADESO N5(DOM)+N4
3567	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 8PCT.
3574	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 2PCT, PYRITE 1PCT, SILT 2PCT., 1PCT., PERMEABILITY FAIR. COMMENTS- CARB SPECKS. TR OPEN CALC VEIN W/ DEAD OIL STAIN

3586	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 7PCT, PYRITE 2PCT., THINLY BEDDED.
3597	SHALE	TRACE OF DOLOMITE.. SILT 1PCT., SLICKENSIDES. COMMENTS- TO N4. TR 5YR4/1 SL XLN ARG LS
3607	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF DOLOMITE, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 7PCT., THINLY BEDDED. COMMENTS- OCCURS AS THIN INTERBEDS
3612	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 3PCT. COMMENTS- TO N4. PYRITE IN SHALES-SL.
3627	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 5PCT., LAMINATED, THINLY BEDDED. COMMENTS- SOME VF-F QTZ GRAINS
3633	SHALE	SLICKENSIDES. COMMENTS- TO N4
3648	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 5PCT., THINLY BEDDED, LAMINATED. COMMENTS- SHARP AT BASE SHALIER UPWARD
3653	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 2PCT, CALCAREOUS MATERIAL 1PCT, SILT 1PCT. COMMENTS- TO N4
3668	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF CALCAREOUS MATERIAL.. IRREGULAR FRAGMENTS 7PCT., THINLY BEDDED, LAMINATED. COMMENTS- GRADES AS ABOVE
3673	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 1PCT, CALCAREOUS MATERIAL 2PCT, SILT 1PCT. COMMENTS- TO N4. N4 SH MORE CARBONATE
3687	SHALE	10PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC.. IRREGULAR FRAGMENTS 5PCT, CALCAREOUS MATERIAL 1PCT., THINLY BEDDED, LAMINATED.
3692	SHALE	TRACE OF DOLOMITE.. CALCAREOUS MATERIAL 1PCT. COMMENTS- TO N4

3700	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 3PCT. COMMENTS- 10-15(SHLY SLTST INTERBDS AS ABOVE
3725	SHALE	TRACE OF SILT, TRACE OF DOLOMITE.. CALCAREOUS MATERIAL 2PCT. COMMENTS- N4.20(SHLY SLTST AS ABOVE
3735	SHALE	TRACE OF DOLOMITE.. PYRITE 1PCT. COMMENTS- TO-N4. 10-15(SHLY SLTST.
3787	SHALE	2CPCT SILT, 10PCT QUARTZ SILT, 10PCT DOLOMITIC.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 7PCT., THINLY BEDDED. COMMENTS- DEAD OIL STAIN
3793	SHALE	N4., TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 1PCT. COMMENTS- TO N5. 10(YSHLY SLTST AS ABOVE TR CALC. TR QTZ.
3830	SHALE	N5., TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 2PCT, PYRITE 1PCT. COMMENTS- TO N4. 10-20(SHLY SLTST AS ABOVE IN THIN INTERBEDS
3877	SHALE	N5., 10PCT SILT, 20PCT QUARTZ SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 7PCT., THINLY BEDDED.
3882	SHALE	N5., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES MEDIUM., SILT 1PCT. COMMENTS- TO N4
3900	SHALE	TRACE OF DOLOMITE. COMMENTS- 20(SHLY SLTST INTERBEDS AS A- BOVE.
3928	SHALE	20PCT SILT, 30PCT QUARTZ SILT., 20PCT ARGILLACEOUS MATERIAL, TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 5PCT., THINLY BEDDED. COMMENTS- TR GRN MIN.=GLAUCONITE
3933	SHALE	TRACE OF DOLOMITE.. PYRITE 1PCT, SILT 1PCT. COMMENTS- TO N4
3947	SHALE	20PCT SILT, 20PCT QUARTZ SILT., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF SAND FINE., MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 5PCT, MUSCOVITE 1PCT, CALCAREOUS MATERIAL 1PCT., THINLY BEDDED. COMMENTS- 3(VF-F SA QTZ GRNS
3952	SHALE	TRACE OF DOLOMITE.. SLICKENSIDES. COMMENTS- TO N4 W/ TR BRN HUE.

3960	SHALE	TRACE OF SILT, TRACE OF DOLOMITE.. IRREGULAR FRAGMENTS 2PCT. COMMENTS- 10(SHLY SLTST. POOR SAMPLES SINCE SMALL SIZE
3980	SHALE	TRACE OF DOLOMITE.. CALCAREOUS MATERIAL 1PCT. COMMENTS- TO N4
3987	SHALE	20PCT SILT, 20PCT QUARTZ SILT., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF DOLOMITE.. IRREGULAR FRAGMENTS 4PCT, CALCAREOUS MATERIAL 1PCT., THINLY BEDDED.
3992	SHALE	TRACE OF DOLOMITE.. IRREGULAR FRAGMENTS 2PCT. COMMENTS- TO N4. 15(SLTST INTERBD AS ABOVE
4020	SHALE	TRACE OF DOLOMITE.. SILT 1PCT., SLICKENSIDES. COMMENTS- TR C QTZ. WOOD CAVINGS
4038	SHALE	10PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC.. IRREGULAR FRAGMENTS 5PCT., THINLY BEDDED, LAMINATED. COMMENTS- TR VF QTZ GRNS.
4043	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 1PCT. COMMENTS- TO N4
4058	SHALE	10PCT SILT, 30PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 6PCT. COMMENTS- TO 5YR4/1.
4063	SHALE	TRACE OF DOLOMITE.. CALCAREOUS MATERIAL 2PCT, SILT 1PCT. COMMENTS- TO N4. PYRITE-SL
4077	SHALE	10PCT SILT, 30PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 6PCT., THINLY BEDDED, LAMINATED. COMMENTS- TR SILICEOUS
4082	SHALE	TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 2PCT, CALCAREOUS MATERIAL 2PCT, SILT 1PCT. COMMENTS- TO N4. TR MICA
4098	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC.. IRREGULAR FRAGMENTS 5PCT, CALCAREOUS MATERIAL 1PCT., THINLY BEDDED, LAMINATED.

4103	SHALE	TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES VERY COARSE., CARBONACEOUS MATERIAL 1PCT, CALCAREOUS MATERIAL 2PCT. COMMENTS- TO N4. N4 SH SL. CALC.15(SHLY SLTST INTERBEDS AS ABOVE TR SL PYRITE IN SH
4138	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 7PCT, PYRITE 1PCT, MUSCOVITE 1PCT, CALCAREOUS MATERIAL 2PCT., THINLY BEDDED, LAMINATED. COMMENTS- TR VF QTZ GRNS
4143	SHALE	TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES COARSE., CARBONACEOUS MATERIAL 1PCT, PYRITE 1PCT, CALCAREOUS MATERIAL 1PCT., SLICKENSIDES. COMMENTS- TO N4.(C CHIP RECIRCULATED DRIFT GRANITE).
4157	SHALE	20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF SILT, TRACE OF CALCAREOUS MATERIAL.. IRREGULAR FRAGMENTS 6PCT., THINLY BEDDED. COMMENTS- 5(VF QTZ GRNS. TR RED CHERT
4163	SHALE	N4., TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 1PCT, CALCAREOUS MATERIAL 1PCT, SILT 1PCT. COMMENTS- TO N5
4178	SHALE	N5., 20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC.. TRACE OF ARGILLACEOUS MATERIAL, TRACE OF CALCAREOUS MATERIAL.. IRREGULAR FRAGMENTS 5PCT., THINLY BEDDED.
4183	SHALE	N5., TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 2PCT, CALCAREOUS MATERIAL 2PCT. COMMENTS- TO N4. 10(SHLY SLTST INTERBDS AS ABOVE VADOSE CLAY IN CENTRE OF SOME CALC VEINS
4228	SHALE	N5., 20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., SILT 1PCT. COMMENTS- TR GRN MIN.=GLAUCONITE.TR F QT
4233	SHALE	N4., TRACE OF CALCAREOUS MATERIAL.. CARBONACEOUS MATERIAL 1PCT, DOLOMITE 4PCT. COMMENTS- TO N5.
4248	SHALE	N5., 20PCT SILT, 30PCT QUARTZ SILT, 10PCT DOLOMITIC., 20PCT ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 8PCT, CALCAREOUS MATERIAL 1PCT., THINLY BEDDED, LAMINATED. COMMENTS- 5(VF-F QTZ GRNS
4254	SHALE	N4., TRACE OF DOLOMITE, TRACE OF CALCAREOUS MATERIAL.. SILT 2PCT. COMMENTS- TO N5.

4268	SHALE	N5., 20PCT SILT, 30PCT QUARTZ SILT, 10PCT DOLOMITIC.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 7PCT, PYRITE 1PCT, CALCAREOUS MATERIAL 1PCT., THINLY BEDDED, LAMINATED. COMMENTS- 3(VF-F SA QTZ
4273	SHALE	N5., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES COARSE., CALCAREOUS MATERIAL 1PCT, SILT 1PCT. COMMENTS- SOME BRN HUE. 10-15(SHLY SLT- ST INTERBEDS AS ABOVE.
4285	SHALE	N4., 10PCT SILT., TRACE OF SILT, TRACE OF DOLOMITE.. CARBONACEOUS MATERIAL 1PCT, PYRITE 1PCT, CALCAREOUS MATERIAL 3PCT. COMMENTS- TO N5. SOME 10YR4/2 T 10(SHLY SLTST AS ABOVE DIFFICULT TO DISTINGUISH CARB. TYPE IN SHALE-INCREASING
4348	SILTSTONE QUARTZOSE	N5., 10PCT DOLOMITIC., TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 5PCT., THINLY BEDDED, LAMINATED.
4353	SHALE	N5., TRACE OF DOLOMITE.. PYRITE 1PCT, CALCAREOUS MATERIAL 2PCT, SILT 1PCT. COMMENTS- =TR PARTLY OPEN VEINS TO N4. 5-10(SHLY SLTST 4375- CHIP C FREE TERM CALCITE
4379	SHALE	N5., 20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 5PCT., THINLY BEDDED.
4384	SHALE	N5., TRACE OF DOLOMITE.. CALCAREOUS MATERIAL 3PCT, SILT 1PCT. COMMENTS- TO N4
4408	SHALE	N5., 20PCT SILT, 20PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 4PCT., THINLY BEDDED. COMMENTS- T
4413	SHALE	N4., TRACE OF DOLOMITE.. CALCAREOUS MATERIAL 3PCT., SLICKENSIDES. COMMENTS- TO N5. 10(SHLY SLTST AS ABOVE
4450	SHALE	N4., 10PCT DOLOMITIC., TRACE OF CALCAREOUS MATERIAL.. DOLOMITE 5PCT, SILT 1PCT. COMMENTS- SLGHT BRN HUE. CARB MAY BE LS. 5-15(SHLY SLST AS ABOVE TR GRAPTOLITES 4470

4500	SHALE	N4., 10PCT DOLOMITIC., TRACE OF CALCAREOUS MATERIAL.. DOLOMITE 5PCT, SILT 1PCT. COMMENTS- SLGHT BRN HUE. 5-10(SHLY SLT- ST INTERBEDS AS ABOVE
4550	SHALE	N4., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES COARSE., CALCAREOUS MATERIAL 3PCT, SILT 1PCT. COMMENTS- TR 10YR4/2. TR OPEN VEIN CALC 5-10(SHLY SLTST INTERBEDS
4600	SHALE	N4.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES COARSE., SLICKENSIDES. COMMENTS- SOME 10YR3/2. MORE CALCAREOUS. MORE VEIN CALCITE. AT 4620-30 CALCITE SPAR=OPEN VEINS TO 1(STILL 5-10(SHLY SLTST 3.8 MM VEIN MOSTLY CALC FILLED BUT 'C' SIZE VOIDS AT 4645
4650	SHALE	N4., 10PCT CALCAREOUS., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES COARSE., CALCAREOUS MATERIAL 6PCT, SILT 1PCT., SLICKENSIDES. COMMENTS- SOME 10YR3/2. 2-10(SHLY SLTST
4710		COMMENTS- SEVERE GAS KICK 4710-30. PUMPS SHUTDOWN DUE TO WELL KICKING IN. NO SAMPLES- 4710-4730
4730	SHALE	TRACE OF DOLOMITE. COMMENTS- 8(SHLY SLTST. QTG=CL.ANG.VEIN QTZ C-M SR FROST.QTZ PINK QTZ.
4740	SHALE	TRACE OF DOLOMITE.. SLICKENSIDES. COMMENTS- YEL QTZ, WT CHERT W/ RED STN. SIDERITE. C MICA. RECYCLED IGN ROCK THESE PROB. CONTAMI- NANTS DECREASE DOWNWD 4720-60. MAINLY SH. W/ 5-10(SHLY SLTST THAT LACKS EVEN F QTZ.
4770	SHALE	N5., TRACE OF DOLOMITE. COMMENTS- SOME N4. 4(VARIED DISAG. GRNS
4778	SHALE	N5., 20PCT SILT, 30PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF., IRREGULAR FRAGMENTS 2PCT, DOLOMITE 8PCT., THINLY BEDDED. COMMENTS- AS ABOVE. SOME 10YR4/1. TR SIL
4783	SHALE	N5., TRACE OF DOLOMITE.. CALCAREOUS MATERIAL 1PCT., SLICKENSIDES. COMMENTS- TO N4. 3(ACC GRNS AS ABOVE
4798	SILTSTONE QUARTZOSE	N5., 10PCT DOLOMITIC., TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF PELECYPODS VERY COARSE., MODE OF IRREGULAR FRAGMENTS FINE., IRREGULAR FRAGMENTS 3PCT, DOLOMITE 7PCT., THINLY BEDDED. COMMENTS- TR VF QTZ.

4803	SHALE	N4., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF PYRITE VERY FINE., PYRITE 1PCT, CALCAREOUS MATERIAL 2PCT. COMMENTS- PYR-DISSEM. SL+CONC.VF SPHERES (RADIOLARIA). 10(SHLY SLTST. AT TRIP 4797 PIPE TALLY CORREC TED (10'SHORT) 4800=4810 ACT. 1-3(ACC.UNCON GRNS AS ABOVE. TR XC PK FLDSPR. STILL GET OR- ANGE MINERAL=WEATHERING PROD LITH COLORON4TONS,SOME BRN HUE
4879	SHALE	N5., 20PCT SILT, 20PCT QUARTZ SILT., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 4PCT, CALCAREOUS MATERIAL 1PCT., THINLY BEDDED, LAMINATED. COMMENTS- TR VF QTZ.
4884	SHALE	N4., TRACE OF DOLOMITE.. CALCAREOUS MATERIAL 1PCT. COMMENTS- TO N5. TR UNCON GRNS ASA. 5-10 (HLY SLTST.
5000	SHALE	N4., TRACE OF SILT, TRACE OF DOLOMITE. COMMENTS- TO 5YR4/1. 10(SHLY SLTST INTERBEDS.
5025	SHALE	N4., TRACE OF DOLOMITE. COMMENTS- TR 5YR4/1. TR OPEN CALC-LINED VEINS. TR UNCON GRNS AS ABOVE IN SOME VEINS QTZ FOLLOWS CALC (TO VC SIZE). 5-10(SHLY SLTST
5070	SHALE	N4., TRACE OF DOLOMITE. COMMENTS- TR BRN HUE. 10(SHLY SLTST W/ FEW (VF QTZ
5082	SHALE	N5., 30PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF SILT.. GRAIN SIZE- MODE OF SAND VERY FINE., IRREGULAR FRAGMENTS 4PCT, CALCAREOUS MATERIAL 1PCT., THINLY BEDDED.
5087	SHALE	N4., TRACE OF DOLOMITE.. PELECYPODS 1PCT. COMMENTS- TO 10YR3/1. 5-10(SHLY SLTST PEL=SMOOTH,5YR6/4,TRI-LAM CALC
5115	SHALE	N4., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF SAND FINE., MODE OF SAND VERY FINE. COMMENTS- 7(VF-F QTZ SST GRADING TO SLT -ST W/ 30(ARG.+SOME CRB.
5125	SHALE	N4., TRACE OF DOLOMITE.. CALCAREOUS MATERIAL 2PCT. COMMENTS- TO 10YR3/1. TR RO M QTZ+RD STN WT CHERT AS AT 4730
5135	SHALE	N4., TRACE OF DOLOMITE. COMMENTS- TO 10YR3/1. 5-10(SHLY SLTST GRADING TO 30(SR VF-F QTZ. STILL HAVE TR UNCON QTZ EG. PINK QTZ AT 5175

5190	SHALE	N4., 10PCT DOLOMITIC., TRACE OF CALCAREOUS MATERIAL.. DOLOMITE 7PCT., SLICKENSIDES. COMMENTS- TO 5YR3/1. TR VC CL.VEIN QTZ. 5-10(SLT TO M QTZ IN CALC-ARG MATRIX. STILL TR UNCON.QTZ ETC AS AT 4730
5229	SANDSTONE QUARTZOSE	10YR4/1., 20PCT SILT, 20PCT ARGILLACEOUS MATERIAL, 10PCT CALCAREOUS, 10PCT CALCAREOUS., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF SAND FINE., SUBROUNDED., FELDSPAR 1PCT., SLICKENSIDES. COMMENTS- TR DISSAG C QTZ. TR GLAUC
5236	SHALE	N4., 10PCT DOLOMITIC., TRACE OF CALCAREOUS MATERIAL.. SLICKENSIDES. COMMENTS- TO 10YR4/1. 5-10(CALC-ARG SST TO SLTST AS ABOVE
5279	SANDSTONE QUARTZOSE	10YR4/1., 30PCT SILT, 20PCT ARGILLACEOUS MATERIAL, 20PCT CALCAREOUS.. GRAIN SIZE- MODE OF SAND FINE., IRREGULAR FRAGMENTS 2PCT.
5284	SHALE	5YR3/1., 10PCT CALCAREOUS., TRACE OF DOLOMITE. COMMENTS- TO N4. TR XF-VF 10YR4/2 LST-
5296	SHALE	10YR4/1., 30PCT QUARTZ SAND, 20PCT SILT, 10PCT CALCAREOUS., TRACE OF SILT, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF SAND FINE., IRREGULAR FRAGMENTS 4PCT., LAMINATED. COMMENTS- GRADATIONAL-SST TO SLTST. SOME PARTLY SILICIFIED. VERY ARGIL.
5307	SHALE	N4., TRACE OF CALCAREOUS MATERIAL, TRACE OF DOLOMITE. COMMENTS- TO 5YR3/1. TR XC CL.VEIN QTZ
5316	SHALE	10YR4/1., 30PCT QUARTZ SAND, 20PCT SILT, 10PCT CALCAREOUS., TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF SAND FINE., IRREGULAR FRAGMENTS 5PCT.
5322	SHALE	N4., TRACE OF DOLOMITE. COMMENTS- TR XF-VF 10YR4/2 LST.
5334	SANDSTONE QUARTZOSE	10YR4/1., 20PCT SILT, 30PCT ARGILLACEOUS MATERIAL, 10PCT CALCAREOUS., TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF SAND FINE., SUBROUNDED., IRREGULAR FRAGMENTS 3PCT. COMMENTS- TR PINK QTZ- TR IRONST GRADES FROM SST-SLTST.
5347	SHALE	N4., TRACE OF CALCAREOUS MATERIAL, TRACE OF DOLOMITE.. SLICKENSIDES. COMMENTS- TO 5YR3/1. XC CHIP BIOT-QZTITE

5355	SANDSTONE QUARTZOSE	10YR4/1., 20PCT SILT, 30PCT ARGILLACEOUS MATERIAL, 10PCT CALCAREOUS., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF SAND FINE., IRREGULAR FRAGMENTS 4PCT, PYRITE 1PCT, FELDSPAR 2PCT., SLICKENSIDES. COMMENTS- GRADES FROM SLTST TO SST.
5364	SHALE	5YR4/1., TRACE OF DOLOMITE.. CALCAREOUS MATERIAL 4PCT. COMMENTS- TO N4. TR XF-VF 10YR4/2 LST.
5376	SANDSTONE QUARTZOSE	10YR4/2., 30PCT SILT, 30PCT ARGILLACEOUS MATERIAL, 10PCT DOLOMITIC., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF SAND FINE. COMMENTS- TO N5.
5383	SHALE	5YR4/1., 10PCT CALCAREOUS., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF QUARTZ DRUSE CRYSTALS VERY COARSE., MODE OF CALCITE FILLED FRACTURES COARSE., CALCAREOUS MATERIAL 4PCT. COMMENTS- TO N4. TR OPEN FRACTURES
5397	SANDSTONE QUARTZOSE	10YR5/2., 30PCT SILT, 30PCT ARGILLACEOUS MATERIAL, 10PCT DOLOMITIC., TRACE OF SAND, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF SAND MEDIUM., MODE OF SAND FINE., BRACHIOPODS 1PCT, IRREGULAR FRAGMENTS 3PCT., THINLY BEDDED. COMMENTS- TO N5. GRADES SST TO SLTST
5405	SHALE	N4., TRACE OF DOLOMITE.. SILT 1PCT. COMMENTS- TO 5YR4/1
5414	SANDSTONE QUARTZOSE	N5., 20PCT SILT, 30PCT ARGILLACEOUS MATERIAL, 10PCT CALCAREOUS., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF SAND FINE., SUBROUNDED., IRREGULAR FRAGMENTS 4PCT. COMMENTS- TO 10YR4/2-7/2. DOL.SLTST TO CALC.SST
5447	SHALE	N4., TRACE OF DOLOMITE.. SILT 2PCT. COMMENTS- TO 10YR3/1
5453	SANDSTONE QUARTZOSE	10YR6/2., 20PCT SILT, 10PCT ARGILLACEOUS MATERIAL, 10PCT CALCAREOUS, 10PCT CALCAREOUS., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF SAND MEDIUM., MODE OF SAND FINE., SUBROUNDED., IRREGULAR FRAGMENTS 3PCT. COMMENTS- TO N5. SOME QTZ OVERGROWTH
5460	SHALE	5YR2/1., 10PCT CALCAREOUS. COMMENTS- SHALEO DK BN GRAY,BLOCKY,MM LAMINATION,CALCAREOUS(7-15() CAVING OF SLTST+N4-5 SHALE

5500	SHALE	5YR2/1., 10PCT CALCAREOUS.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES VERY COARSE., CALCITE FILLED FRACTURES 1PCT. COMMENTS- TR OPEN CALCITE LINED FRACTURE
5520	SHALE	5YR2/1., 10PCT CALCAREOUS.. GRAIN SIZE- MODE OF QUARTZ DRUSE CRYSTALS VERY COARSE., CALCITE FILLED FRACTURES 2PCT.
5530	SHALE	5YR2/1., 10PCT CALCAREOUS.. SLICKENSIDES. COMMENTS- TR 5YR3/1 SL-XF LST.
5550	SHALE	5YR2/1., 10PCT CALCAREOUS. COMMENTS- TR OPEN CALC-LINED FRAC'S
5580	SHALE	5YR2/1., 10PCT CALCAREOUS.
5610	SHALE	5YR2/1., 10PCT CALCAREOUS., TRACE OF CALCAREOUS MATERIAL. COMMENTS- TO N3. STILL SLTST CAVINGS( ). TR OPEN CALC-LINED VEINS(M-VC)
5620	SHALE	5YR2/1., 10PCT CALCAREOUS., TRACE OF CALCAREOUS MATERIAL.
5640	SHALE	5YR2/1., 10PCT CALCAREOUS.
5650	SHALE	5YR2/1., 10PCT CALCAREOUS. COMMENTS- TO N3. VERY LITTLE SLTST CAVE. GRAPTOLITEST
5660	SHALE	5YR2/1., 10PCT CALCAREOUS. COMMENTS- TO N3. TR CAVED SLTST. TR GY- BRN XF PYRITIC LST
5670	SHALE	5YR2/1., 10PCT CALCAREOUS., TRACE OF CALCAREOUS MATERIAL.. SLICKENSIDES. COMMENTS- TO N3.
5690	SHALE	5YR2/1., 10PCT CALCAREOUS.. SLICKENSIDES. COMMENTS- 10(CAVED SH+SHLY SLTST (TRIP)
5700	SHALE	5YR2/1., 10PCT CALCAREOUS.. CALCITE FILLED FRACTURES 1PCT.
5710	SHALE	10PCT CALCAREOUS.. SLICKENSIDES.
5730	SHALE	10PCT CALCAREOUS. COMMENTS- 2(SLTST-VF SST(CAVE)
5740	SHALE	10PCT CALCAREOUS.. CALCITE FILLED FRACTURES 1PCT. COMMENTS- TO N3. TR VF XTAL GY-BN LST.

5750	SHALE	10PCT CALCAREOUS, 10PCT CALCITE FILLED FRACTURES.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES COARSE., SLICKENSIDES., FRACTURE POROSITY 2PCT., POOR GAS SHOW. COMMENTS- VEIN CALCITE TO 15(-SOME OPEN. AT LEAST 2 SETS OF VEINS. SOME SLTST CAVE.
5770	SHALE	10PCT CALCAREOUS.. CALCITE FILLED FRACTURES 6PCT., SLICKENSIDES. COMMENTS- TO N3. SOME SLTST-SST CAVE. SOME OPEN CALC-LINED VEINS
5790	SHALE	10PCT CALCAREOUS.. CALCITE FILLED FRACTURES 2PCT. COMMENTS- TR-2(SFT 10YR5/2 PYRITIC SH. TR SPAR CALC=OPEN VEINS
5800	SHALE	10PCT CALCAREOUS.. GRAIN SIZE- MODE OF CALCITE FILLED FRACTURES COARSE., CALCITE FILLED FRACTURES 5PCT, PYRITE 1PCT. COMMENTS- SOME SLTST-SST CAVE
5810	SHALE	10PCT CALCAREOUS.. CALCITE FILLED FRACTURES 2PCT.
5820	SHALE	10PCT CALCAREOUS.. CALCITE FILLED FRACTURES 1PCT. COMMENTS- TR DK GY-BRN LST. 1-3(SFT 10Y R5/2 PYRITIC CALC SH ASA.
5830	SHALE	10PCT CALCAREOUS., TRACE OF CALCAREOUS MATERIAL.. SLICKENSIDES. COMMENTS- TR ARG LST AS ABOVE
5840	SHALE	10PCT CALCAREOUS., TRACE OF CALCAREOUS MATERIAL.. CALCITE FILLED FRACTURES 1PCT. COMMENTS- TR OPEN VEINS.
5850	SHALE	10PCT CALCAREOUS.. CALCITE FILLED FRACTURES 4PCT. COMMENTS- 2(10YR4/2 ARG SL-XF LST. 1(SFT PYR 5Y4/1 SH. TR GRN CALC.
5860	SHALE	10PCT CALCAREOUS. COMMENTS- UP TO 15(SLTST-SST CAVE + TO 40(WOOD CONTAMINANT AT BASE.
5880	SHALE	10PCT ARGILLACEOUS MATERIAL., TRACE OF CALCAREOUS MATERIAL.. CALCITE FILLED FRACTURES 1PCT. COMMENTS- -N4-5Y4/1. LESS CALC. TR OPEN VEIN W/ SPAR CALC+DEAD OIL
5890	SHALE	10PCT CALCAREOUS. COMMENTS- CONTAMINANTED WITH PIPE DOPE
5900	SHALE	10PCT CALCAREOUS. COMMENTS- TR SLTST(CAVE). TR SPAR CALC= OPEN VEIN

5910	SHALE	10PCT CALCAREOUS. COMMENTS- BADLY CONTAM'D W/ PIPE DOPE.
5920	SHALE	10PCT CALCAREOUS. COMMENTS- CONTAMINATED W/ PIPE DOPE
5940	SHALE	10PCT CALCAREOUS., TRACE OF CALCAREOUS MATERIAL.. SLICKENSIDES. COMMENTS- TR GY-BRN ARG LST. TR SST=CAV
5960	SHALE	10PCT CALCAREOUS. COMMENTS- INT 5950-60500TR-30(CAVING OF OLR SH+SLT/SST.
6010	SHALE	10PCT CALCAREOUS.. SLICKENSIDES.
6040	SHALE	10PCT CALCAREOUS.. CALCITE FILLED FRACTURES 2PCT. COMMENTS- TR SPAR CALC+QTZ=OPEN VEINS. TR DEAD OIL
6070	SHALE	10PCT CALCAREOUS.. SLICKENSIDES. COMMENTS- STILL OLR CAVING
6080	SHALE	10PCT CALCAREOUS. COMMENTS- OLR SLT/SST CAVE
6090	SHALE	10PCT CALCAREOUS, 10PCT CALCITE FILLED FRACTURES. COMMENTS- SUGGESTION OF TECTONIC BRECCIA TR SPAR CALCITE=OPEN VEINS.
6110	SHALE	10PCT CALCAREOUS.. CALCITE FILLED FRACTURES 2PCT. COMMENTS- POSSIBLE SLICKENSIDE 5990-6120
6120	SHALE	10PCT CALCAREOUS.. CALCITE FILLED FRACTURES 1PCT.
6130	SHALE	10PCT CALCAREOUS. COMMENTS- SOME CAVING OF OLR. TR GY-BRN XF LST.
6170	SHALE	10PCT CALCAREOUS. COMMENTS- ONLY TR VEIN CALCITE.
6220	SHALE	10PCT CALCAREOUS. COMMENTS- OCCASIONAL INTERLAM MED GY SH. TR CALCITE VEINS.
6270	SHALE	10PCT CALCAREOUS. COMMENTS- TR-1/2(CALCITE. STILL HAVE OLR CAVINGS.
6320	SHALE	10PCT CALCAREOUS.
6370	SHALE	10PCT CALCAREOUS. COMMENTS- TR CALCITE. STILL CAVINGS OF OLR SH+SLT.
6410	SHALE	10PCT CALCAREOUS. COMMENTS- TR CALCITE. VARIABLE OLR CAVE- UP TO 40((6445)

6450	SHALE	10PCT CALCAREOUS. COMMENTS- 1/2(5YR5/2 CALC SH W/ F RD BL K (CARB)SPECKS
6460	SHALE	10PCT CALCAREOUS. COMMENTS- TR 5YR5/2 SH AS ABOVE ASSOC. W/ CALCITE VEINS.
6510	SHALE	10PCT CALCAREOUS. COMMENTS- TR CALCITE. OLR SH+SLTST CAVE.
6540	SHALE	10PCT CALCAREOUS., TRACE OF CALCAREOUS MATERIAL.
6560	SHALE	DARK BROWNISH GREY., 20PCT CALCAREOUS., TRACE OF CALCAREOUS MATERIAL.. PYRITE 1PCT. COMMENTS- CEMENT CONTAMINATION
6570	SHALE	DARK BROWNISH GREY., 30PCT CALCAREOUS.. PYRITE 2PCT. COMMENTS- CEMENT+C.SST CONTAMINATION
6610	SHALE	DARK BROWNISH GREY., 30PCT CALCAREOUS.. PYRITE 1PCT., GOOD GAS SHOW. COMMENTS- GAS CONTAINS METHANE ONLY
6620	SHALE	DARK BROWNISH GREY., 30PCT CALCAREOUS., TRACE OF CALCAREOUS MATERIAL.. PYRITE 1PCT.
6627	LIME MUDSTONE	30PCT ARGILLACEOUS MATERIAL., TRACE OF SILT. COMMENTS- IA
6632	SHALE	DARK BROWNISH GREY., 30PCT CALCAREOUS.. CALCITE FILLED FRACTURES 1PCT, PYRITE 1PCT. COMMENTS- V.BADLY CEMENT CONTAMINATED SOME OLR SLTST CAVE.
6650	SHALE	DARK BROWNISH GREY., 30PCT CALCAREOUS.
6658	LIME MUDSTONE	30PCT ARGILLACEOUS MATERIAL., TRACE OF SILT. COMMENTS- I/IIA-GRADES TO DARKER IA LST
6663	SHALE	DARK GREYISH., 30PCT CALCAREOUS.
6670	SHALE	DARK BROWNISH GREY., 10PCT CALCAREOUS, 10PCT CALCITE FILLED FRACTURES., TRACE OF CALCAREOUS MATERIAL.
6680	SHALE	DARK BROWNISH GREY., 20PCT CALCAREOUS, 10PCT CALCAREOUS., TRACE OF CALCAREOUS MATERIAL, TRACE OF CALCITE FILLED FRACTURES.

6690 LIME
MUDSTONE
30PCT ARGILLACEOUS MATERIAL., TRACE OF SILT.. CALCITE FILLED FRACTURES 1PCT.
COMMENTS- 20-30(LIGHTER,CHALKY LST,DUE TO BRUISING (SOME MAY BE LESS ARG LST AS DESCRIBED BELOW) TR TECTONIC BRECCIA+OPEN VEINS

6710 LIME
MUDSTONE
30PCT ARGILLACEOUS MATERIAL., TRACE OF ARGILLACEOUS MATERIAL.. CALCITE FILLED FRACTURES 2PCT, SILT 2PCT., STYLOLITES.
COMMENTS- IA. TR.OPEN CALC-LINED FRACT. 20(-LT GY,I/IIA,5(SLTY LST.

6720 LIME
MUDSTONE
DARK BROWNISH GREY., 40PCT ARGILLACEOUS MATERIAL.. SILT 2PCT.
COMMENTS- IA. VARIED SILT+CLAY CONTENT. TR.C.SPAR CALC=OPEN FRACTURES

6730 LIME
MUDSTONE
DARK BROWNISH GREY., 30PCT ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF LIMESTONE CRYSTALS VERY FINE.
COMMENTS- IA.(I/IIA=BIT BRUISE) 15(MD, GY-BN SLTY VF-XF LST.

6740 LIME
MUDSTONE
10PCT ARGILLACEOUS MATERIAL., TRACE OF SILT.. GRAIN SIZE- MODE OF LIMESTONE CRYSTALS VERY FINE.
COMMENTS- I/IIA. TR M SPAR CALC=OPEN FRC

6745 LIME
MUDSTONE
DARK BROWNISH GREY., 40PCT ARGILLACEOUS MATERIAL., TRACE OF CALCAREOUS MATERIAL.. SILT 3PCT.
COMMENTS- TR FOSSIL WKST TR DK GY SHALE

6756 LIME
MUDSTONE
TRACE OF SILT.. GRAIN SIZE- MODE OF LIMESTONE CRYSTALS VERY FINE., ARGILLACEOUS MATERIAL 3PCT.
COMMENTS- I-I/II

6764 LIME
MUDSTONE
DARK BROWNISH GREY., 40PCT ARGILLACEOUS MATERIAL., TRACE OF SILT.
COMMENTS- IA

6777 LIME
MUDSTONE
10PCT ARGILLACEOUS MATERIAL., TRACE OF SILT.. GRAIN SIZE- MODE OF LIMESTONE CRYSTALS VERY FINE., STYLOLITES.

6782 LIME
MUDSTONE
DARK BROWNISH GREY., 30PCT ARGILLACEOUS MATERIAL., TRACE OF SILT, TRACE OF CALCAREOUS MATERIAL.. OSTRACODS 2PCT.
COMMENTS- TR BLK VF FRAGMENTS.

6799 LIME
MUDSTONE
TRACE OF SILT.. GRAIN SIZE- MODE OF LIMESTONE CRYSTALS VERY FINE., SAND 1PCT.
COMMENTS- IA-I/IIA

6804 LIME
MUDSTONE
DARK BROWNISH GREY., 30PCT ARGILLACEOUS MATERIAL.. OSTRACODS 3PCT, SILT 1PCT.
COMMENTS- IA. SOME VF SOFT PELLETED MDST

6819 LIME
MUDSTONE
DARK BROWNISH GREY., 40PCT ARGILLACEOUS MATERIAL., TRACE OF CALCAREOUS MATERIAL.. OSTRACODS 2PCT.
COMMENTS- 5-15(MD GREY LST AS ABOVE.

6838 LIME
MUDSTONE
LIGHT BROWNISH GREY., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF LIMESTONE CRYSTALS FINE., MODE OF LIMESTONE CRYSTALS VERY FINE., OSTRACODS 5PCT, SILT 1PCT.
COMMENTS- IA-I/IIA.(SOME OSTRACOD WKST

6844 LIME
MUDSTONE
DARK BROWNISH GREY., 20PCT ARGILLACEOUS MATERIAL.. SILT 1PCT.
COMMENTS- IA.

6856 LIME
MUDSTONE
LIGHT BROWNISH GREY., TRACE OF SILT.. OSTRACODS 3PCT.
COMMENTS- IA-I/IIA MDST TO WKST.

6864 LIME
MUDSTONE
20PCT ARGILLACEOUS MATERIAL., TRACE OF ARGILLACEOUS MATERIAL.. OSTRACODS 2PCT, SILT 1PCT.
COMMENTS- IA. 15(LT GY-BRN LST AS ABOVE

6897 LIME
MUDSTONE
DARK BROWNISH GREY., 20PCT ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF SAND FINE., OSTRACODS 2PCT.
COMMENTS- IA.

6902	LIME MUDSTONE	20PCT ARGILLACEOUS MATERIAL., TRACE OF CALCAREOUS MATERIAL, TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF LIMESTONE CRYSTALS VERY FINE., CRINOIDS 3PCT, OSTRACODS 2PCT. COMMENTS- IA. MDST-WKST
6908	SHALE	DARK GREY., 10PCT CRINOIDS, 30PCT CALCAREOUS.. THINLY BEDDED. COMMENTS- PROBABLY AS THIN INTERBEDS
6913	LIME WACKESTONE	10PCT ARGILLACEOUS MATERIAL., TRACE OF SILT, TRACE OF ARGILLACEOUS MATERIAL, TRACE OF FOSSILS.. GRAIN SIZE- MODE OF LIMESTONE CRYSTALS VERY FINE., CRINOIDS 1PCT, BRACHIOPODS 3PCT., STYLOLITES. COMMENTS- IA,B-TR. IN CALC-LINED FOSSILS
6931	LIME MUDSTONE	10PCT ARGILLACEOUS MATERIAL. COMMENTS- IA(SOME PALER I/IIA)
6939	LIME WACKESTONE	LIGHT BROWNISH GREY., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF FOSSILS.. GRAIN SIZE- MODE OF CRINOIDS COARSE., MODE OF LIMESTONE CRYSTALS VERY FINE., CRINOIDS 5PCT, BRACHIOPODS 2PCT. COMMENTS- IA-I/IIA. TR SPAR CALC=OPEN FR
6944	LIME MUDSTONE	10PCT ARGILLACEOUS MATERIAL., TRACE OF SILT.. OSTRACODS 2PCT.
6952	LIME MUDSTONE	20PCT ARGILLACEOUS MATERIAL., TRACE OF SILT, TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF LIMESTONE CRYSTALS VERY FINE., BRACHIOPODS 2PCT, OSTRACODS 1PCT. COMMENTS- I-I/IIA. MDST TO WKST.
6960	LIME MUDSTONE	20PCT ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF LIMESTONE CRYSTALS VERY FINE., BRACHIOPODS 1PCT, SILT 3PCT., STYLOLITES. COMMENTS- IA-I/IIA. VARIABLE COLOR/CLAY
6968	SHALE	DARK GREY., 10PCT CRINOIDS, 40PCT CALCAREOUS.
6976	LIME MUDSTONE	30PCT ARGILLACEOUS MATERIAL., TRACE OF CALCAREOUS MATERIAL.. BRACHIOPODS 2PCT, SILT 1PCT. COMMENTS- IA. TR.FOSSIL WKST

6985	LIME MUDSTONE	DARK BROWNISH GREY., 30PCT ARGILLACEOUS MATERIAL., TRACE OF ARGILLACEOUS MATERIAL. COMMENTS- LITHOLOGIES FROM 6971-6993
6990	SHALE	DARK GREY., 10PCT CRINOIDS, 40PCT CALCAREOUS. COMMENTS- GRADATIONAL-THINLY INTERBEDDED
6995	LIME MUDSTONE	20PCT ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF LIMESTONE CRYSTALS VERY FINE., BRACHIOPODS 1PCT. COMMENTS- IA.VARIED LITH'S AS ABOVE, MAINLY MDST AS LOGGED
7010	LIME MUDSTONE	10PCT ARGILLACEOUS MATERIAL., TRACE OF SILT, TRACE OF ARGILLACEOUS MATERIAL.. BRACHIOPODS 2PCT. COMMENTS- IA. VARIABLE COLOR/CLAY CONT. AS ABOVE
7022	LIME MUDSTONE	DARK BROWNISH GREY., 30PCT ARGILLACEOUS MATERIAL., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF LIMESTONE CRYSTALS VERY FINE., CRINOIDS 2PCT, BRACHIOPODS 4PCT., SHALE PARTINGS. COMMENTS- TO MD.BN-GREY. IA. TR INTRAFOS -SIL CALC-LINED VOIDS. SH PTGS VARIABLE LST LITH'S SOME WKST TR F-M CARB SPECKS.
7048	LIME WACKESTONE	DARK BROWNISH GREY., 40PCT ARGILLACEOUS MATERIAL., TRACE OF CALCAREOUS MATERIAL, TRACE OF FOSSILS.. GRAIN SIZE- MODE OF LIMESTONE CRYSTALS VERY FINE., CRINOIDS 5PCT, BRACHIOPODS 3PCT, SILT 2PCT. COMMENTS- GRADES TO CALC. SHALE-AT BASE
7053	LIME MUDSTONE	10PCT ARGILLACEOUS MATERIAL.. OSTRACODS 2PCT.
7060	LIME WACKESTONE	DARK BROWNISH GREY., 20PCT ARGILLACEOUS MATERIAL., TRACE OF FOSSILS.. CRINOIDS 5PCT, BRACHIOPODS 2PCT, OSTRACODS 3PCT. COMMENTS- IA. MDST TO WKST
7071	LIME MUDSTONE	10PCT ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF LIMESTONE CRYSTALS VERY FINE., CRINOIDS 4PCT. COMMENTS- IA. TR INTRAFOSSIL VOIDS. TR WKST + MORE ARG.LST.

7091	LIME MUDSTONE	20PCT ARGILLACEOUS MATERIAL.. CRINOIDS 4PCT, BRACHIOPODS 1PCT, OSTRACODS 3PCT, SILT 1PCT., SHALE PARTINGS. COMMENTS- IA. VARIABLE CLAY CONTENT. TR FOSSIL VOIDS. TR SHALE+WKST
7119	SHALE	DARK GREY., 40PCT CALCAREOUS., TRACE OF CALCAREOUS MATERIAL.. CRINOIDS 3PCT.
7124	LIME MUDSTONE	20PCT ARGILLACEOUS MATERIAL., TRACE OF ARGILLACEOUS MATERIAL.. SILT 1PCT. COMMENTS- IA. VARIABLE ARG.CONTENT
7129	LIME WACKESTONE	20PCT ARGILLACEOUS MATERIAL., TRACE OF FOSSILS.. GRAIN SIZE- MODE OF FOSSILS MEDIUM., MODE OF LIMESTONE CRYSTALS VERY FINE., CRINOIDS 5PCT, BRACHIOPODS 2PCT, OSTRACODS 2PCT., STYLOLITES. COMMENTS- IA. TR INTRAFOSSIL SPAR CALC.
7134	LIME MUDSTONE	TRACE OF SILT.. OSTRACODS 2PCT.
7142	LIME MUDSTONE	20PCT ARGILLACEOUS MATERIAL., TRACE OF ARGILLACEOUS MATERIAL.. BRACHIOPODS 1PCT, QUARTZ DRUSE CRYSTALS 1PCT. COMMENTS- I-I/IIA.
7149	LIME MUDSTONE	20PCT ARGILLACEOUS MATERIAL., TRACE OF CALCAREOUS MATERIAL.. OSTRACODS 3PCT. COMMENTS- IA. INTRAFOSSIL SPAR CALC. TR POROSITY.
7161	LIME WACKESTONE	10PCT ARGILLACEOUS MATERIAL., 20PCT ARGILLACEOUS MATERIAL, TRACE OF FOSSILS.. CRINOIDS 2PCT, BRACHIOPODS 3PCT, OSTRACODS 3PCT. COMMENTS- IA. INTRAFOS.SPAR+TR POROSITY.
7166	LIME MUDSTONE	10PCT ARGILLACEOUS MATERIAL., TRACE OF SILT.. GRAIN SIZE- MODE OF SAND FINE., OSTRACODS 3PCT. COMMENTS- TR INTRFOS VUG.TR C.QTZ(CAVE)

7175	LIME WACKESTONE	10PCT ARGILLACEOUS MATERIAL., TRACE OF SILT, TRACE OF FOSSILS.. GRAIN SIZE- MODE OF LIMESTONE CRYSTALS VERY FINE., CRINOIDS 2PCT, BRACHIOPODS 5PCT, OSTRACODS 3PCT. COMMENTS- I-(I/II)A .TR C.QTZ DRUSE
7183	LIME MUDSTONE	DUSKY BROWN., 20PCT ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF SPAR CALCITE MEDIUM., BRACHIOPODS 2PCT, OSTRACODS 2PCT., SHALE PARTINGS. COMMENTS- IA. MINOR AMTSO 10(FOS WKST + CRINOIDAL SHALE AS ABOVE TR INTRAFOSSIL SPAR CALCITE
7259	SHALE	DARK GREY., 40PCT CALCAREOUS.. CRINOIDS 3PCT.
7264	LIME MUDSTONE	DUSKY BROWN., 20PCT ARGILLACEOUS MATERIAL., TRACE OF ARGILLACEOUS MATERIAL.. BRACHIOPODS 2PCT., SHALE PARTINGS. COMMENTS- IA. TR CRI+OSC SL-LI MDST W/ INTRAFOSSIL SPAR CALC.(MD BRN) TR FREE SPAR CALCITE(M)
7282	LIME MUDSTONE	DUSKY BROWN., 20PCT ARGILLACEOUS MATERIAL.. BRACHIOPODS 2PCT. COMMENTS- IA
7300	LIMESTONE	DUSKY BROWN., 20PCT ARGILLACEOUS MATERIAL.. BRACHIOPODS 2PCT, OSTRACODS 1PCT. COMMENTS- IA. ALL BRACHS HAVE BEEN FINE RIBBED TYPES
7310	LIME MUDSTONE	DUSKY BROWN., 20PCT ARGILLACEOUS MATERIAL., 20PCT ARGILLACEOUS MATERIAL.. BRACHIOPODS 3PCT. COMMENTS- IA. TR N7 NONCALC PYRITIC SH.
7330	LIMESTONE	DUSKY BROWN., 20PCT ARGILLACEOUS MATERIAL.. CRINOIDS 2PCT, BRACHIOPODS 1PCT. COMMENTS- IA. (STILL TR SH AS ABOVE) TR FOS.WKST
7340	LIMESTONE	DARK BROWN.. CRINOIDS 1PCT, OSTRACODS 2PCT. COMMENTS- IA.MAINLY DK BRWN MDST BUT IN-
7347	LIME MUDSTONE	DARK BROWN., 20PCT ARGILLACEOUS MATERIAL, 10PCT CRINOIDS, 10PCT ARGILLACEOUS MATERIAL, 20PCT CALCAREOUS MATERIAL. COMMENTS- TERBEDS OF FOSSIL.WKPKST(USC)

7352 LIME
WACKESTONE
20PCT ARGILLACEOUS MATERIAL., TRACE OF FOSSILS, TRACE OF OSTRACODS.. GRAIN SIZE- MODE OF FOSSILS MEDIUM., CRINOIDS 4PCT, BRACHIOPODS 1PCT, BRYOZOA 2PCT.
COMMENTS- TO DK BRWN. AND DK GY-BRN ARG

7363 LIME
MUDSTONE
DARK BROWN., 20PCT ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF LIMESTONE CRYSTALS VERY FINE., BRYOZOA 2PCT.
COMMENTS- CRINOID WKST. TR M CALC SPAR

7368 LIME
MUDSTONE
DARK BROWN., 20PCT ARGILLACEOUS MATERIAL, 10PCT CRINOIDS, 10PCT ARGILLACEOUS MATERIAL, 20PCT CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF CRINOIDS MEDIUM., MODE OF LIMESTONE CRYSTALS VERY FINE., BRYOZOA 3PCT.
COMMENTS- PRASOPORIDS. TR N7 PYRITIC SH.

7373 LIME
MUDSTONE
DARK BROWN., 10PCT ARGILLACEOUS MATERIAL.. BRACHIOPODS 2PCT.
COMMENTS- NOW SOME COARSER-RIB'D BRACH'S

7381 LIME
MUDSTONE
10PCT ARGILLACEOUS MATERIAL, 10PCT CRINOIDS, 10PCT ARGILLACEOUS MATERIAL, 20PCT CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF LIMESTONE CRYSTALS VERY FINE., BRYOZOA 3PCT.
COMMENTS- CRI-BRYO ARG.WKST BEDS-DK GREY

7392 LIME
WACKESTONE
10PCT FOSSILS, 10PCT ARGILLACEOUS MATERIAL, 10PCT CALCAREOUS MATERIAL., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF CRINOIDS, TRACE OF BRACHIOPODS, TRACE OF FOSSILS.. OSTRACODS 2PCT, BRYOZOA 1PCT.
COMMENTS- 1/2 BRACH'S COARSE RIB'D

7407 LIME
PACKSTONE
20PCT CRINOIDS, 20PCT BRACHIOPODS, TRACE OF FOSSILS.. GRAIN SIZE- MODE OF FOSSILS MEDIUM., MODE OF LIMESTONE CRYSTALS VERY FINE., OSTRACODS 1PCT, BRYOZOA 2PCT.

7412 LIME
MUDSTONE
DARK 20PCT ARGILLACEOUS MATERIAL., TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF SPAR CALCITE FINE., CRINOIDS 1PCT, BRACHIOPODS 2PCT.
COMMENTS- TR INTRAFOSSIL SPAR

7418 LIME
MUDSTONE
DARK BROWN., 10PCT ARGILLACEOUS MATERIAL, 10PCT CRINOIDS, 20PCT ARGILLACEOUS MATERIAL, 20PCT CALCAREOUS MATERIAL., TRACE OF CALCAREOUS MATERIAL.. BRACHIOPODS 3PCT.

7425	LIME WACKESTONE	TRACE OF ARGILLACEOUS MATERIAL, TRACE OF CRINOIDS, TRACE OF FOSSILS.. GRAIN SIZE- MODE OF CRINOIDS MEDIUM., MODE OF LIMESTONE CRYSTALS VERY FINE., BRACHIOPODS 7PCT, OSTRACODS 2PCT. COMMENTS- SOME F-M CRI PK-GRST.
7431	LIME MUDSTONE	DARK BROWN., 20PCT ARGILLACEOUS MATERIAL., TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF SPAR CALCITE FINE., CRINOIDS 2PCT. COMMENTS- TR FREE-TERM CALC SPAR=FRC'S
7446	LIMESTONE	DARK GREY., 40PCT ARGILLACEOUS MATERIAL., TRACE OF CRINOIDS, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF CRINOIDS COARSE., MODE OF LIMESTONE CRYSTALS VERY FINE. COMMENTS- TYPICAL OF CRINOID,ARG LS BEDS
7451	LIME MUDSTONE	10PCT ARGILLACEOUS MATERIAL., TRACE OF CALCAREOUS MATERIAL.. CRINOIDS 2PCT, OSTRACODS 2PCT.
7456	LIME WACKESTONE	TRACE OF CRINOIDS, TRACE OF FOSSILS.. GRAIN SIZE- MODE OF CRINOIDS MEDIUM., MODE OF SPAR CALCITE FINE., BRACHIOPODS 5PCT, ARGILLACEOUS MATERIAL 2PCT.
7465	LIME WACKESTONE	10PCT CRINOIDS, 10PCT ARGILLACEOUS MATERIAL, 10PCT CALCAREOUS MATERIAL., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF FOSSILS.. GRAIN SIZE- MODE OF FOSSILS MEDIUM., BRACHIOPODS 5PCT.
7470	LIME MUDSTONE	DARK BROWN., 10PCT ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF SPAR CALCITE FINE., CRINOIDS 2PCT., SHALE PARTINGS. COMMENTS- TRIP CAVE . INTRAFOS SPAR
7475	LIME MUDSTONE	TRACE OF ARGILLACEOUS MATERIAL, 40PCT PELLETED MUD.. GRAIN SIZE- MODE OF PELLETED MUD FINE., MODE OF SPAR CALCITE VERY FINE., OSTRACODS 4PCT. COMMENTS- SPAR INFILLED OSTRACODS. LACK CRI'S= MORE RESTRICTED.
7490	LIME MUDSTONE	50PCT PELLETED MUD.. GRAIN SIZE- MODE OF SPAR CALCITE FINE., MODE OF PELLETED MUD VERY FINE., OSTRACODS 3PCT, SILT 2PCT, ARGILLACEOUS MATERIAL 1PCT., SHALE PARTINGS. COMMENTS- SOME M ROUNDED PARTICLES SPAR CEMENTED=GRST. TR INTRAFOSSIL

7500	LIME MUDSTONE	50PCT PELLETED MUD.. GRAIN SIZE- MODE OF PELLETED MUD FINE., OSTRACODS 3PCT, SILT 2PCT, ARGILLACEOUS MATERIAL 1PCT. COMMENTS- SPAR. SOME-REXTAL SHELLS.
7512	LIME MUDSTONE	20PCT SAND., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF SILT, 30PCT PELLETED MUD.. GRAIN SIZE- MODE OF PELLETED MUD FINE., MODE OF SAND VERY FINE., OSTRACODS 2PCT., STYLOLITES. COMMENTS- IA.TR M-C,HARD PEL,SPARRY GNST
7519	LIMESTONE	20PCT SAND, 10PCT SILT, 10PCT ARGILLACEOUS MATERIAL., TRACE OF SILT, TRACE OF ARGILLACEOUS MATERIAL, 20PCT-PELLETED MUD.. GRAIN SIZE- MODE OF., MODE OF SAND VERY FINE., OSTRACODS 2PCT. COMMENTS- TR WR M-C FROSTED QTZ.
7527	LIMESTONE	20PCT QUARTZ SAND, 20PCT SILT, 10PCT ARGILLACEOUS MATERIAL, 10PCT PELLETED MUD, 10PCT CALCAREOUS MATERIAL., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF., MODE OF SAND VERY FINE., SUBROUNDED., SHALE PARTINGS.
7540	LIMESTONE	20PCT QUARTZ SAND, 20PCT QUARTZ SILT, 20PCT ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF., MODE OF SAND VERY FINE., SUBROUNDED., FELDSPAR 1PCT. COMMENTS- TO BRWN. LARGER QTZ WELL RD. INTERBD OF SDY LIME MDST.
7550	LIMESTONE	20PCT QUARTZ SAND, 20PCT QUARTZ SILT, 20PCT ARGILLACEOUS MATERIAL, 10PCT SILICA CEMENT., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF., MODE OF SAND FINE., MODE OF SAND VERY FINE., SUBROUNDED., SHALE PARTINGS. COMMENTS- TO LT BN TO DK GY.
7558	SANDSTONE QUARTZOSE	20PCT QUARTZ SILT, 20PCT ARGILLACEOUS MATERIAL, 10PCT CALCAREOUS, 10PCT PELLETED MUD, 10PCT SAND, 10PCT CALCAREOUS MATERIAL., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF., MODE OF SAND FINE., MODE OF SAND VERY FINE. COMMENTS- INTERBEDS OF PEL,SDY,LIME MDST
7563	SANDSTONE QUARTZOSE	20PCT SILT, 20PCT ARGILLACEOUS MATERIAL, 10PCT CALCAREOUS, 10PCT CALCAREOUS, 10PCT SILICA CEMENT., 20PCT SILICA CEMENT.. GRAIN SIZE- MODE OF SAND MEDIUM., MODE OF SAND FINE., MODE OF SAND VERY FINE., SUBANGULAR.

7570	SANDSTONE QUARTZOSE	10PCT SILT, 30PCT ARGILLACEOUS MATERIAL, 10PCT SILICA CEMENT., 20PCT SILICA CEMENT.. GRAIN SIZE- MODE OF., MODE OF SAND COARSE., MODE OF SAND MEDIUM., MODE OF SAND FINE., SUBROUNDED. COMMENTS- BAD CAVING-TRIP.
7580	SANDSTONE QUARTZOSE	20PCT SILICA CEMENT.. GRAIN SIZE- MODE OF., MODE OF SAND COARSE., MODE OF SAND MEDIUM., MODE OF SAND FINE., SUBROUNDED., FELDSPAR 2PCT., LOW ANGLE CROSS BEDDING, BURROWED, SHALE PARTINGS. COMMENTS- FELDSPARS-CLEAR=ORTHOCLASE MINOR SPAR CALCITE
7594	SHALE	10PCT CALCAREOUS, 10PCT CALCAREOUS, 40PCT DOLOMITIC., TRACE OF SILT, TRACE OF DOLOMITE.. GEOPETAL FABRIC. COMMENTS- SEE CORE 7591-7595.5
7600	DOLOMITIC MUDSTONE	LIGHT GREY., 30PCT ARGILLACEOUS MATERIAL, 20PCT CALCAREOUS, 10PCT CALCAREOUS., TRACE OF SILT, TRACE OF DOLOMITE.. SHALE PARTINGS. COMMENTS- TO GY-BRN. IA. 10(I/IIIVFAB1- LT BRN,SILTY,SLIGHTLY ARG DOL.
7628	SHALE	DARK GREY., 30PCT DOLOMITIC., TRACE OF SILT, TRACE OF CALCAREOUS MATERIAL.. PYRITE 1PCT. COMMENTS- -GY BRN. (OXIDE MICA FILM)
7633	SHALE	LIGHT GREY., 10PCT SILT, 10PCT CALCAREOUS, 40PCT DOLOMITIC., TRACE OF SILT, TRACE OF CALCAREOUS MATERIAL. COMMENTS- TO MED GY BRN
7639	SHALE	5GY8/1., 10PCT QUARTZ SILT, 10PCT DOLOMITIC.. PYRITE 6PCT. COMMENTS- LT GRN-GY. SLIGHT UV FLUORES'N
7644	DOLOMITIC GRAINSTONE	LIGHT 20PCT QUARTZ SAND, 10PCT SILT, 20PCT ARGILLACEOUS MATERIAL, 10PCT CALCAREOUS, 10PCT CALCAREOUS IRREGULAR FRAGMENTS, 10PCT DOLOMITIC IRREGULAR FRAGMENTS., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF SAND COARSE., MODE OF SAND MEDIUM., MODE OF IRREGULAR FRAGMENTS FINE., MODE OF SAND VERY FINE., OOLITES 1PCT., INTERCRYSTALLINE POROSITY 2PCT. COMMENTS- (5YR7/1).QTZ RD'D.

7650	SANDSTONE QUARTZOSE	LIGHT 10PCT SILT, 10PCT ARGILLACEOUS MATERIAL, 10PCT CALCAREOUS, 10PCT DOLOMITIC IRREGULAR FRAGMENTS, 20PCT DOLOMITIC.. GRAIN SIZE- MODE OF SAND MEDIUM., MODE OF SAND FINE., SHALE PARTINGS., INTERCRYSTALLINE POROSITY 1PCT. COMMENTS- TO MD BRWN. QTZ SR. TR GRN SH.
7657	DOLOMITE	LIGHT BROWNISH GREY., 30PCT ARGILLACEOUS MATERIAL, 10PCT CALCAREOUS., TRACE OF SILT, TRACE OF CALCAREOUS MATERIAL.
7665	DOLOMITIC GRAINSTONE	LIGHT 20PCT QUARTZ SAND, 20PCT SILT, 10PCT ARGILLACEOUS MATERIAL, 10PCT CALCAREOUS., TRACE OF SILT, TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF SAND MEDIUM., MODE OF SAND FINE., MODE OF DOLOMITE CRYSTALS VERY FINE., SHALE PARTINGS. COMMENTS- -MD GYBN
7670	DOLOMITE	LIGHT 30PCT ARGILLACEOUS MATERIAL, 10PCT CALCAREOUS.. PYRITE 1PCT.
7675	SHALE	LIGHT 10PCT CALCAREOUS, 30PCT DOLOMITIC, 10PCT SAND, 10PCT DOLOMITE, 10PCT SPAR DOLOMITE. COMMENTS- INTERBED'D-SNDY XTAL DOL(GN).
7680	DOLOMITE	LIGHT 20PCT ARGILLACEOUS MATERIAL, 10PCT CALCAREOUS, 10PCT CALCAREOUS., TRACE OF SILT, TRACE OF ARGILLACEOUS MATERIAL, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF SAND COARSE.
7686	DOLOMITIC GRAINSTONE	10PCT QUARTZ SAND, 20PCT SILT, 30PCT ARGILLACEOUS MATERIAL., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF SPAR CALCITE.. GRAIN SIZE- MODE OF SAND COARSE., MODE OF SAND MEDIUM., MODE OF SAND FINE., MODE OF DOLOMITE CRYSTALS VERY FINE., SHALE PARTINGS. COMMENTS- DOL RHOMBS CLAY SEPARATED
7692	SHALE	LIGHT 20PCT CALCAREOUS, 40PCT DOLOMITIC.. PYRITE 1PCT.
7704	SHALE	LIGHT 20PCT CALCAREOUS, 10PCT SAND, 10PCT ARGILLACEOUS MATERIAL, 20PCT DOLOMITE. COMMENTS- DOL COARSER IN SNDY/SHLY BEDS.
7709	DOLOMITE	LIGHT 40PCT ARGILLACEOUS MATERIAL, 10PCT CALCAREOUS., TRACE OF CALCAREOUS MATERIAL.

7714	SHALE	10PCT CALCAREOUS, 20PCT DOLOMITIC, 10PCT SAND, 10PCT CALCAREOUS MATERIAL, 10PCT DOLOMITE., TRACE OF SAND, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF SAND MEDIUM., MODE OF SAND FINE., MODE OF DOLOMITE CRYSTALS VERY FINE.
7719	DOLOMITE	40PCT ARGILLACEOUS MATERIAL, 10PCT CALCAREOUS., TRACE OF SAND, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF SAND MEDIUM., MODE OF SAND FINE., MODE OF DOLOMITE CRYSTALS VERY FINE.
7724	SHALE	5GY9/1., 10PCT SILT, 10PCT PYRITE. COMMENTS- GRN PYR SH MAYBE DESSIMINATED.
7730		LIGHT 20PCT ARGILLACEOUS MATERIAL, 10PCT CALCAREOUS, 20PCT CALCAREOUS., TRACE OF SILT, TRACE OF ARGILLACEOUS MATERIAL. COMMENTS- TO LT GREY. MINOT I/IIIVFAB BN DOL. W/ DEAD OIL - ORIG.PKST
7740	DOLOMITIC MUDSTONE	LIGHT 10PCT SILT, 10PCT ARGILLACEOUS MATERIAL, 10PCT CALCAREOUS., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF CALCAREOUS MATERIAL. COMMENTS- F GREEN-GREY CLAY FRAG'S (PYR F OCTAHEDRONS)
7756	SHALE	20PCT SILT, 40PCT DOLOMITIC.
7761	DOLOMITIC MUDSTONE	10PCT SILT, 30PCT ARGILLACEOUS MATERIAL.. RELICT PELLETS 1PCT. COMMENTS- -LT GY-BN.
7770	DOLOMITIC MUDSTONE	LIGHT GREY., 20PCT ARGILLACEOUS MATERIAL., TRACE OF CALCAREOUS MATERIAL.. OSTRACODS 1PCT. COMMENTS- -LT/MD GY-BN. RELICT OSC+PEL'S
7777	DOLOMITIC GRAINSTONE	10PCT QUARTZ SAND, 20PCT SILT, 20PCT ARGILLACEOUS MATERIAL., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF SAND FINE., MODE OF SAND VERY FINE., INTERCRYSTALLINE POROSITY 1PCT. COMMENTS- TO GY-BN. TR GREEN CLAY FRAG
7783	DOLOMITIC MUDSTONE	LIGHT BROWNISH GREY., 30PCT ARGILLACEOUS MATERIAL, 10PCT CALCAREOUS., TRACE OF SILT, TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF SAND FINE. COMMENTS- -MD BN-GY. SOME CALCITE BN ST'
7800	DOLOMITE	LIGHT 30PCT ARGILLACEOUS MATERIAL, 10PCT CALCAREOUS., TRACE OF SILT.

7810	DOLOMITE	LIGHT 10PCT SILT, 10PCT ARGILLACEOUS MATERIAL, 10PCT CALCAREOUS.. GRAIN SIZE- MODE OF DOLOMITE CRYSTALS VERY FINE., INTERCRYSTALLINE POROSITY 2PCT. COMMENTS- I/IIIAB1-2(
7830	DOLOMITE	10PCT SILT, 20PCT ARGILLACEOUS MATERIAL., TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF DOLOMITE CRYSTALS FINE., MODE OF DOLOMITE CRYSTALS VERY FINE. COMMENTS- CLAY BETWEEN RHOMBS(ALSO CALL) TR DOLM M-F SST.
7850	DOLOMITE	20PCT ARGILLACEOUS MATERIAL, 10PCT CALCAREOUS., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF DOLOMITE CRYSTALS FINE., MODE OF DOLOMITE CRYSTALS VERY FINE., PYRITE 1PCT., SHALE PARTINGS. COMMENTS- CLAY BETWEEN RHOMBS.
7860	DOLOMITE	10PCT SILT, 20PCT ARGILLACEOUS MATERIAL., TRACE OF SILT, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF DOLOMITE CRYSTALS FINE., MODE OF DOLOMITE CRYSTALS VERY FINE. COMMENTS- COARSER DOL=SECONDARY, LATE AND MAY REPLACE GN-SUPPORTED
7870	DOLOMITE	30PCT ARGILLACEOUS MATERIAL., TRACE OF SILT, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF DOLOMITE CRYSTALS FINE., MODE OF DOLOMITE CRYSTALS VERY FINE.. COMMENTS- LIMESTONE.
7880	DOLOMITIC PACKSTONE	10PCT SILT, 30PCT ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF DOLOMITE CRYSTALS FINE., MODE OF DOLOMITE CRYSTALS VERY FINE., PYRITE 1PCT. COMMENTS- GHOST RELICT'S OF CRI+FRAG
7890	DOLOMITIC PACKSTONE	40PCT ARGILLACEOUS MATERIAL., TRACE OF SILT.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS MEDIUM., MODE OF DOLOMITE CRYSTALS FINE., MODE OF DOLOMITE CRYSTALS VERY FINE., INTERCRYSTALLINE POROSITY 1PCT. COMMENTS- I/IIIAB1(
7900	SHALE	10PCT DOLOMITIC, 40PCT DOLOMITIC., TRACE OF SILT, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF DOLOMITE CRYSTALS VERY FINE., PYRITE 1PCT.
7910	SHALE	10PCT CALCAREOUS, 40PCT DOLOMITIC., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF DOLOMITE CRYSTALS VERY FINE.
7920	SHALE	50PCT DOLOMITIC., TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF DOLOMITE CRYSTALS VERY FINE.

7940	SHALE	20PCT SILT, 10PCT DOLOMITIC, 20PCT DOLOMITIC, 10PCT DOLOMITIC., TRACE OF CALCAREOUS MATERIAL, TRACE OF SHALE PARTINGS.. GRAIN SIZE- MODE OF DOLOMITE CRYSTALS FINE., MODE OF DOLOMITE CRYSTALS VERY FINE., SHALE PARTINGS.
7950	DOLOMITE	10PCT SILT, 40PCT ARGILLACEOUS MATERIAL., TRACE OF CALCAREOUS MATERIAL, TRACE OF SHALE PARTINGS.. GRAIN SIZE- MODE OF DOLOMITE CRYSTALS VERY FINE., SHALE PARTINGS.
7960	SHALE	10PCT SILT, 10PCT CALCAREOUS, 10PCT DOLOMITIC, 20PCT DOLOMITIC., TRACE OF SAND, TRACE OF SILT, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF SAND MEDIUM., MODE OF DOLOMITE CRYSTALS FINE., MODE OF DOLOMITE CRYSTALS VERY FINE.
7970	SANDSTONE QUARTZOSE	LIGHT GREY., 20PCT SPAR CALCITE, 10PCT SPAR DOLOMITE.. GRAIN SIZE- MODE OF SAND MEDIUM. COMMENTS- TO NEAR WHITE.FROSTED GN'S 1-2(BLK VF FRG'S
7992	SANDSTONE QUARTZOSE	LIGHT GREY., 10PCT SPAR CALCITE, 20PCT SILICA CEMENT., TRACE OF IRREGULAR FRAGMENTS.. GRAIN SIZE- MODE OF SAND MEDIUM., MODE OF IRREGULAR FRAGMENTS FINE., ROUNDED. COMMENTS- FRAG'S=SHALE (LINGULIDS)
8000	SANDSTONE QUARTZOSE	LIGHT GREY., 10PCT SILT, 10PCT SPAR CALCITE, 10PCT SPAR DOLOMITE, 10PCT SILICA CEMENT., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF SAND MEDIUM., MODE OF SAND FINE., SUBROUNDED., IRREGULAR FRAGMENTS 2PCT., SHALE PARTINGS. COMMENTS- TO LT GY-BN.
8027	SANDSTONE QUARTZOSE	10PCT SILT, 30PCT ARGILLACEOUS MATERIAL, 10PCT SILICA CEMENT., TRACE OF SPAR CALCITE.. GRAIN SIZE- MODE OF SAND FINE., MODE OF SAND VERY FINE., SUBROUNDED., SHALE PARTINGS. COMMENTS- TO LT GY-BN.TR GREEN SH=CHLOR
8040	DOLOMITE	LIGHT GREY., 10PCT QUARTZ SAND, 20PCT SILT, 10PCT ARGILLACEOUS MATERIAL., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF DOLOMITE CRYSTALS VERY FINE. COMMENTS- TO MD GREY. I/IIIVFA.

8046	SANDSTONE QUARTZOSE	LIGHT GREY., 20PCT SILT, 10PCT ARGILLACEOUS MATERIAL, 10PCT SPAR DOLOMITE, 10PCT SILICA CEMENT., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF SAND VERY FINE., SUBROUNDED., SHALE PARTINGS. COMMENTS- TRIP 8850-60 POSSIBLE DOL CAVE
8055	DOLOMITE	10PCT QUARTZ SILT, 30PCT ARGILLACEOUS MATERIAL, 10PCT CALCAREOUS.. GRAIN SIZE- MODE OF DOLOMITE CRYSTALS VERY FINE. COMMENTS- TO LT GY-BN. CLAY BETWN RHOMBS
8062	SANDSTONE QUARTZOSE	LIGHT GREY., 10PCT SILT, 10PCT ARGILLACEOUS MATERIAL, 10PCT SPAR CALCITE, 10PCT SPAR DOLOMITE, 10PCT SILICA CEMENT.. GRAIN SIZE- MODE OF SAND FINE., MODE OF SAND VERY FINE., SUBROUNDED., SHALE PARTINGS. COMMENTS- TO LT GY-BN.
8070	SANDSTONE QUARTZOSE	LIGHT GREY., 20PCT SILT, 10PCT ARGILLACEOUS MATERIAL, 10PCT CALCAREOUS, 10PCT SPAR CALCITE CEMENT, 10PCT SPAR DOLOMITE CEMENT., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF SAND FINE., MODE OF SAND VERY FINE., SUBANGULAR., SHALE PARTINGS. COMMENTS- TO LT GY-BN, MONOR XTAL DOL.
8090	DOLOMITE	LIGHT GREY., 10PCT QUARTZ SAND, 20PCT SILT, 20PCT ARGILLACEOUS MATERIAL, 10PCT CALCAREOUS, 10PCT CALCAREOUS., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF DOLOMITE CRYSTALS FINE., MODE OF DOLOMITE CRYSTALS VERY FINE., INTERCRYSTALLINE POROSITY 2PCT. COMMENTS- TO MD GREY(BRWN).I/IIIAB1-2(
8097	SHALE	LIGHT 20PCT SILT, 40PCT DOLOMITIC., TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF SAND MEDIUM., MODE OF DOLOMITE CRYSTALS FINE., MODE OF DOLOMITE CRYSTALS VERY FINE., PYRITE 1PCT. COMMENTS- I-I/IIIVFABTR
8108	SANDSTONE QUARTZOSE	LIGHT 20PCT SILT, 20PCT ARGILLACEOUS MATERIAL, 10PCT SPAR CALCITE CEMENT, 20PCT SPAR DOLOMITE CEMENT.. GRAIN SIZE- MODE OF SAND FINE., MODE OF SAND VERY FINE., SUBANGULAR., SHALE PARTINGS. COMMENTS- TR I/IIIFABTR DOL.
8130	SANDSTONE QUARTZOSE	LIGHT 20PCT SILT, 10PCT ARGILLACEOUS MATERIAL, 10PCT SPAR CALCITE CEMENT, 20PCT SPAR DOLOMITE CEMENT., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF SILICA CEMENT.. GRAIN SIZE- MODE OF SAND COARSE., MODE OF SAND MEDIUM., MODE OF SAND FINE., SUBROUNDED., SHALE PARTINGS.

8141 SHALE

LIGHT GREY., 10PCT DOLOMITIC, 30PCT DOLOMITIC., TRACE OF SILT, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF DOLOMITE CRYSTALS VERY FINE.
COMMENTS- TO MD GY-BN. SOME I/IIIUFA

8150 SILTSTONE

LIGHT GREY., 10PCT QUARTZ SAND, 20PCT ARGILLACEOUS MATERIAL, 10PCT SPAR CALCITE CEMENT, 20PCT SPAR DOLOMITE CEMENT., TRACE OF SILICA CEMENT.. GRAIN SIZE- MODE OF SAND MEDIUM., MODE OF DOLOMITE CRYSTALS VERY FINE., SHALE PARTINGS, STYLOLITES.

8160 SILTSTONE

LIGHT GREY., 10PCT QUARTZ SAND, 30PCT ARGILLACEOUS MATERIAL, 10PCT SPAR CALCITE CEMENT, 20PCT SPAR DOLOMITE CEMENT., TRACE OF SILICA CEMENT.. GRAIN SIZE- MODE OF SAND MEDIUM., MODE OF DOLOMITE CRYSTALS VERY FINE.
COMMENTS- TO LT GY-BN

8170 SILTSTONE

LIGHT GREY., 20PCT QUARTZ SAND, 10PCT ARGILLACEOUS MATERIAL, 10PCT SPAR CALCITE CEMENT, 30PCT SPAR DOLOMITE CEMENT., TRACE OF SILT.. GRAIN SIZE- MODE OF SAND FINE., MODE OF DOLOMITE CRYSTALS VERY FINE., GLAUCONITE 1PCT.
COMMENTS- GREEN MIN TRANSLUCENT= GLAUCO.

8182 SANDSTONE QUARTZOSE

LIGHT GREY., 10PCT ARGILLACEOUS MATERIAL, 10PCT SPAR DOLOMITE CEMENT, 20PCT SILICEOUS., TRACE OF SILT, TRACE OF SPAR CALCITE.. GRAIN SIZE- MODE OF SAND MEDIUM., MODE OF SAND FINE., MODE OF DOLOMITE CRYSTALS VERY FINE., SUBROUNDED., GLAUCONITE 1PCT.

8190 SANDSTONE QUARTZOSE

LIGHT GREY., 10PCT SILT, 10PCT ARGILLACEOUS MATERIAL, 10PCT SPAR CALCITE CEMENT, 20PCT SPAR DOLOMITE CEMENT., TRACE OF SILT, TRACE OF ARGILLACEOUS MATERIAL, TRACE OF SILICA CEMENT.. GRAIN SIZE- MODE OF SAND MEDIUM., MODE OF SAND FINE., MODE OF SAND VERY FINE., SUBROUNDED., SHALE PARTINGS.

8200 SANDSTONE QUARTZOSE

LIGHT GREY., 10PCT SILT, 10PCT ARGILLACEOUS MATERIAL, 10PCT SPAR DOLOMITE CEMENT, 20PCT SILICEOUS., TRACE OF SPAR CALCITE, TRACE OF SPAR DOLOMITE.. GRAIN SIZE- MODE OF SAND MEDIUM., MODE OF SAND FINE., MODE OF SAND VERY FINE., SUBROUNDED., SHALE PARTINGS.

8210 SANDSTONE QUARTZOSE

LIGHT GREY., 10PCT SPAR DOLOMITE CEMENT, 20PCT SILICEOUS., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF SAND COARSE., MODE OF SAND MEDIUM., MODE OF SAND FINE., SUBROUNDED.
COMMENTS- TRANSPARENT WHITE QTZ SST MORE COMMON. SOME FROSTED GRAINS.

8220	SANDSTONE QUARTZOSE	LIGHT GREY., 30PCT SILICEOUS.. GRAIN SIZE- MODE OF SAND COARSE., MODE OF SAND MEDIUM., MODE OF SAND FINE., WELL ROUNDED. COMMENTS- FAIR-WELL SORTED. 1(KAOLIN 3(MED BRWN ST (NO CUT)= GIL.
8230	SANDSTONE QUARTZOSE	30PCT SILICEOUS., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF SAND MEDIUM. COMMENTS- SOME QUARTZ GRAINS DEEPLY SU- TURED.
8240	SANDSTONE QUARTZOSE	LIGHT GREY., 30PCT SILICEOUS.. GRAIN SIZE- MODE OF SAND FINE., WELL ROUNDED. COMMENTS- TR MD GREY SILT/SH LAMINAE RUSTY STAIN DUE TO PIPE SCALE ETC. OCCURS 8220-8480 AND TO A
8260	SANDSTONE QUARTZOSE	LIGHT GREY., 30PCT SILICEOUS.. GRAIN SIZE- MODE OF SAND MEDIUM., WELL ROUNDED. COMMENTS- LESSER EXTENT BELOW 8550. 2(WHITE KAOLIN
8270	SANDSTONE QUARTZOSE	LIGHT GREY., 30PCT SILICEOUS.. GRAIN SIZE- MODE OF SAND FINE., ROUNDED. COMMENTS- COLOR IS LT GREY AND LT BROWN.
8290	SANDSTONE QUARTZOSE	LIGHT GREY., 30PCT SILICEOUS.. GRAIN SIZE- MODE OF SAND MEDIUM., WELL ROUNDED. COMMENTS- 2(INTERSTITIAL KAOLINITIC CLAY.
8300	SANDSTONE QUARTZOSE	LIGHT GREY., 30PCT SILICEOUS.. GRAIN SIZE- MODE OF SAND MEDIUM., ROUNDED. COMMENTS- 10(LT TO MED BROWN HC STAIN (NO CUT OR FLUORESCENCE).
8310	SANDSTONE QUARTZOSE	LIGHT GREY., 10PCT ARGILLACEOUS MATERIAL, 30PCT SILICEOUS.. GRAIN SIZE- MODE OF SAND FINE., WELL ROUNDED. COMMENTS- 10(KAOLINITE IN SANDSTONE WHITE CLAY = KAOLIN.
8320	SANDSTONE QUARTZOSE	LIGHT GREY., 30PCT SILICEOUS., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF SAND FINE., ROUNDED.
8330	SANDSTONE QUARTZOSE	LIGHT GREY., 10PCT ARGILLACEOUS MATERIAL, 20PCT SILICEOUS., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF SAND MEDIUM., ROUNDED.

8350	SANDSTONE QUARTZOSE	30PCT SILICEOUS., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF SAND COARSE.
8360	SANDSTONE QUARTZOSE	YWT-G., 10PCT ARGILLACEOUS MATERIAL, 30PCT SILICEOUS.. GRAIN SIZE- MODE OF SAND MEDIUM., ROUNDED. COMMENTS- TR WHITE SUBRD'D F-M FELDSPAR
8370	SANDSTONE QUARTZOSE	LIGHT GREY., 10PCT ARGILLACEOUS MATERIAL, 30PCT SILICEOUS.. GRAIN SIZE- MODE OF SAND COARSE., MODE OF SAND MEDIUM., ROUNDED.
8380	SANDSTONE QUARTZOSE	LIGHT GREY., 10PCT ARGILLACEOUS MATERIAL, 20PCT SILICEOUS., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF SAND MEDIUM., ROUNDED., SHALE PARTINGS. COMMENTS- TR MED GREY SHALE/SILT LAMINAE
8390	SANDSTONE QUARTZOSE	LIGHT GREY., 20PCT ARGILLACEOUS MATERIAL, 20PCT SILICEOUS.. GRAIN SIZE- MODE OF SAND MEDIUM., ROUNDED.
8400	SANDSTONE QUARTZOSE	LIGHT GREY., 10PCT ARGILLACEOUS MATERIAL, 20PCT SILICEOUS., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF SAND MEDIUM., ROUNDED., FELDSPAR 3PCT.
8410	SANDSTONE QUARTZOSE	LIGHT GREY., 10PCT ARGILLACEOUS MATERIAL, 20PCT SILICEOUS.. GRAIN SIZE- MODE OF SAND MEDIUM., ROUNDED., FELDSPAR 1PCT. COMMENTS- 70(UNCONSOLIDATED SAND = MORE CLAY
8420		COMMENTS- NO SAMPLE. SEE CORE 8425-8439.
8430	SANDSTONE QUARTZOSE	10PCT ARGILLACEOUS MATERIAL, 20PCT SILICEOUS., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF SAND COARSE., MODE OF SAND MEDIUM., ROUNDED., FELDSPAR 4PCT. COMMENTS- TR GREEN CLAY WITH WHITE CLAY AND FELDSPARS.
8450	SANDSTONE QUARTZOSE	10PCT ARGILLACEOUS MATERIAL, 20PCT SILICEOUS., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF SAND COARSE., MODE OF SAND MEDIUM., ROUNDED., FELDSPAR 5PCT.

8480 SANDSTONE
QUARTZOSE

20PCT ARGILLACEOUS MATERIAL, 20PCT SILICEOUS., TRACE OF FELDSPAR.. GRAIN SIZE- MODE OF SAND COARSE., MODE OF SAND MEDIUM.
COMMENTS- TR GREEN CLAY WITH WHITE CLAY (KAOLIN). RARE SILTSTONE LAMINAE WITH GREEN CLAY,PYRITE AND BIOTITE.

8520 SANDSTONE
QUARTZOSE

20PCT FELDSPAR SAND, 10PCT ARGILLACEOUS MATERIAL, 20PCT SILICEOUS.. GRAIN SIZE- MODE OF SAND COARSE., MODE OF SAND MEDIUM., ROUNDED., CHLORITE 2PCT.
COMMENTS- BOTH WHITE AND GREEN CLAY MAY BE KAOLIN AND CHLORITE

8570 SANDSTONE
QUARTZOSE

10PCT FELDSPAR SAND, 10PCT ARGILLACEOUS MATERIAL, 20PCT SILICEOUS., TRACE OF FELDSPAR.. GRAIN SIZE- MODE OF SAND MEDIUM., MODE OF SAND FINE., ROUNDED.
COMMENTS- TR MAFICS- HEMATITE.

8580 SANDSTONE
QUARTZOSE

20PCT ARGILLACEOUS MATERIAL, 20PCT SILICEOUS., TRACE OF FELDSPAR.. GRAIN SIZE- MODE OF SAND MEDIUM., ROUNDED., CHLORITE 4PCT., SHALE PARTINGS.
COMMENTS- WHITE AND GREEN CLAYS WITH CLEAR SILICA CEMENT. TR SHALE.

8600 SANDSTONE
QUARTZOSE

30PCT FELDSPAR SAND, 20PCT SILICEOUS., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF SAND MEDIUM., ROUNDED., CHLORITE 2PCT.
COMMENTS- TR PINK FELDSPAR.

8620 SANDSTONE
QUARTZOSE

20PCT FELDSPAR SAND, 10PCT ARGILLACEOUS MATERIAL, 20PCT SILICEOUS., TRACE OF FELDSPAR.. GRAIN SIZE- MODE OF SAND MEDIUM., ROUNDED., CHLORITE 3PCT.
COMMENTS- TO PINK. RARE GREEN SH/SILT PARTINGS. TR MAFICS.

8650 SANDSTONE
QUARTZOSE

LIGHT 30PCT FELDSPAR SAND, 10PCT ARGILLACEOUS MATERIAL, 20PCT SILICEOUS.. GRAIN SIZE- MODE OF SAND MEDIUM., ROUNDED., CHLORITE 4PCT, HEMATITE 2PCT.
COMMENTS- TO GREEN.

8670 SANDSTONE
QUARTZOSE

LIGHT 30PCT FELDSPAR SAND, 20PCT SILICEOUS., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF SAND MEDIUM., ROUNDED., CHLORITE 2PCT.

- ALL COLORS BELOW 8620 HAVE PINK AND RED HUES -

8680 SANDSTONE
QUARTZOSE
LIGHT 30PCT FELDSPAR SAND, 10PCT ARGILLACEOUS MATERIAL, 20PCT SILICEOUS., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF SAND COARSE., MODE OF SAND MEDIUM., ROUNDED., CHLORITE 3PCT.

8700 SANDSTONE
QUARTZOSE
LIGHT GREY., 30PCT FELDSPAR SAND, 20PCT SILICEOUS., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF FELDSPAR.. GRAIN SIZE- MODE OF SAND COARSE., MODE OF SAND MEDIUM., SUBROUNDED., CHLORITE 2PCT.
COMMENTS- TO PINK + GRN CLAY. WHITE(K)+ RARE PINK(ORTHOCLASE)FELDSPAR

8710 SANDSTONE
QUARTZOSE
GREYISH PINK., 20PCT FELDSPAR SAND, 10PCT ARGILLACEOUS MATERIAL, 20PCT SILICEOUS.. GRAIN SIZE- MODE OF SAND COARSE., MODE OF SAND MEDIUM., ROUNDED., CHLORITE 3PCT.
COMMENTS- TR MAFIC MINERALS IRON STAIN-RED(FE+3)+ GN(FE+2)

8720 SANDSTONE
QUARTZOSE
LIGHT 30PCT FELDSPAR SAND, 10PCT ARGILLACEOUS MATERIAL, 10PCT SILICEOUS., TRACE OF FELDSPAR.. GRAIN SIZE- MODE OF SAND COARSE., MODE OF SAND MEDIUM., SUBROUNDED., CHLORITE 3PCT.
COMMENTS- SOME PALE GRN. TR MAFICS= HEMA -TIFF,ZIRCON ,GARNET.

8730 SANDSTONE
QUARTZOSE
LIGHT 20PCT FELDSPAR SAND, 10PCT ARGILLACEOUS MATERIAL, 20PCT SILICEOUS., TRACE OF FELDSPAR.. GRAIN SIZE- MODE OF SAND MEDIUM., ROUNDED., CHLORITE 3PCT.
COMMENTS- GREEN MATRIX CLAY MAY BE FE STAIN RATHER THAN CHLORITE

8740 SANDSTONE
QUARTZOSE
LIGHT 20PCT FELDSPAR SAND, 20PCT ARGILLACEOUS MATERIAL, 20PCT SILICEOUS.. GRAIN SIZE- MODE OF SAND COARSE., MODE OF SAND MEDIUM., CHLORITE 3PCT., SHALE PARTINGS.
COMMENTS- TO GRN MATRIX. MAFICS- ZIRCON, ILMENITE.JASPER. SOME BIOTITE

8750 SANDSTONE
QUARTZOSE
LIGHT GREY., 20PCT FELDSPAR SAND, 10PCT ARGILLACEOUS MATERIAL, 20PCT SILICEOUS., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF SAND COARSE., SUBROUNDED., CHLORITE 2PCT.
COMMENTS- BEING HEMATIZED.

8760 SANDSTONE
QUARTZOSE

30PCT FELDSPAR SAND, 10PCT ARGILLACEOUS MATERIAL, 20PCT SILICEOUS., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF SAND COARSE., SUBROUNDED., CHLORITE 4PCT, BIOTITE 1PCT.
COMMENTS- TO LT GY.WT+PINK(MORE CORRODED)FELDSPARS(=POTASH). GARNET. SPHENE-RUTILE. BIOTITE BEING HEMATIZED

8780 SANDSTONE
QUARTZOSE

20PCT FELDSPAR SAND, 20PCT ARGILLACEOUS MATERIAL, 20PCT SILICEOUS., TRACE OF FELDSPAR, TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF SAND COARSE., MODE OF SAND MEDIUM., ROUNDED., CHLORITE 7PCT.
COMMENTS- TO GY+GRN. MAFICS

8790 SANDSTONE
QUARTZOSE

30PCT FELDSPAR SAND, 10PCT ARGILLACEOUS MATERIAL, 20PCT SILICEOUS.. GRAIN SIZE- MODE OF SAND COARSE., MODE OF SAND MEDIUM.
COMMENTS- POOR SAMPLE (HIT CROWN)

8810 SANDSTONE
QUARTZOSE

LIGHT 30PCT FELDSPAR SAND, 10PCT ARGILLACEOUS MATERIAL, 20PCT SILICEOUS.. GRAIN SIZE- MODE OF SAND COARSE., SUBROUNDED., CHLORITE 2PCT.
COMMENTS- SOME RUTILATED(OR CU STRANDS) CLEAR QTZ. WT+PK ALKALI FELDSP ONE XC WT/PK FELDSPAR AUTHI- GENIC SINCE INCLUDES F-M QTZ. CLOTTED HEMATITE MATRIX SILICA INFILLED PLUGGING VOIDS TR JASPER.

8850 SANDSTONE
QUARTZOSE

LIGHT 30PCT FELDSPAR SAND, 10PCT ARGILLACEOUS MATERIAL, 20PCT SILICEOUS.. GRAIN SIZE- MODE OF SAND VERY COARSE., MODE OF SAND COARSE., SUBROUNDED., CHLORITE 3PCT.
COMMENTS- MAFICS- SPINEL,ZIRCON,GARNET RUSTED ILMENITE. MORE ORTHOCL

8880 SANDSTONE
QUARTZOSE

LIGHT 30PCT FELDSPAR SAND, 10PCT ARGILLACEOUS MATERIAL, 20PCT SILICEOUS.. GRAIN SIZE- MODE OF SAND VERY COARSE., MODE OF SAND COARSE., MODE OF SAND MEDIUM., SUBROUNDED., CHLORITE 2PCT.
COMMENTS- BIOTITE -COPPERTONE. JASPER GARNET CAVING

8900 SANDSTONE
QUARTZOSE

LIGHT 30PCT FELDSPAR SAND, 10PCT ARGILLACEOUS MATERIAL, 20PCT SILICEOUS., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF SAND MEDIUM., ROUNDED., CHLORITE 5PCT., MUD CRACKS, LOW ANGLE CROSS BEDDING.
COMMENTS- SEE CORE 8897-8927. TR COPPER HEAVY MAFICS- SPINEL,HEMATITE

8930 SANDSTONE
QUARTZOSE
30PCT FELDSPAR SAND, 20PCT ARGILLACEOUS MATERIAL, 10PCT SILICEOUS., TRACE OF SILICA CEMENT.. GRAIN SIZE- MODE OF SAND MEDIUM., SUBROUNDED., CHLORITE 3PCT.
COMMENTS- TO LT GRN MATRIX. MAFICS

8950 SANDSTONE
QUARTZOSE
LIGHT 30PCT FELDSPAR SAND, 10PCT ARGILLACEOUS MATERIAL, 20PCT SILICEOUS.. GRAIN SIZE- MODE OF SAND COARSE., MODE OF SAND MEDIUM., ROUNDED., CHLORITE 3PCT, SPAR DOLOMITE 2PCT, QUARTZ OVERGROWTH 3PCT., SHALE PARTINGS.
COMMENTS- TO LT GRN. JASPER GARNET.

8980 SANDSTONE
QUARTZOSE
LIGHT 30PCT FELDSPAR SAND, 10PCT ARGILLACEOUS MATERIAL, 20PCT SILICEOUS., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF SAND COARSE., MODE OF SAND MEDIUM., ROUNDED., CHLORITE 4PCT, SPAR DOLOMITE 1PCT.
COMMENTS- TO GRN. MAFICS(SOME IN LAYERS) SOME RED SILT/SST INTERBEDS.

9010 SANDSTONE
QUARTZOSE
LIGHT 20PCT FELDSPAR SAND, 10PCT ARGILLACEOUS MATERIAL, 20PCT SILICEOUS.. GRAIN SIZE- MODE OF SAND VERY COARSE., MODE OF SAND COARSE., MODE OF SAND MEDIUM., SUBROUNDED., CHLORITE 3PCT, SPAR CALCITE 1PCT.
COMMENTS- TR GRN. MINOR MAFICS 10(RED SST INTERBEDS.

9030 SANDSTONE
QUARTZOSE
LIGHT 30PCT FELDSPAR SAND, 20PCT ARGILLACEOUS MATERIAL, 10PCT SILICEOUS.. GRAIN SIZE- MODE OF SAND VERY COARSE., MODE OF SAND COARSE., MODE OF SAND MEDIUM., ROUNDED., CHLORITE 3PCT, SPAR DOLOMITE 2PCT.

9050 SANDSTONE
QUARTZOSE
LIGHT 20PCT FELDSPAR SAND, 20PCT ARGILLACEOUS MATERIAL, 20PCT SILICEOUS.. GRAIN SIZE- MODE OF SAND VERY COARSE., MODE OF SAND COARSE., SUBROUNDED., CHLORITE 3PCT, SPAR CALCITE 1PCT.

9070 SANDSTONE
QUARTZOSE
LIGHT 20PCT FELDSPAR SAND, 20PCT ARGILLACEOUS MATERIAL, 20PCT SILICEOUS.. GRAIN SIZE- MODE OF SAND COARSE., MODE OF SAND MEDIUM., SUBROUNDED., CHLORITE 5PCT, SPAR CALCITE 3PCT.
COMMENTS- TO GRN. MAFICS- GARNET, COPPER INCREASING RED SST+SH. HEMATIZED BIOTITE. CAVINGS

9100	SANDSTONE QUARTZOSE	LIGHT 20PCT FELDSPAR SAND, 10PCT ARGILLACEOUS MATERIAL, 20PCT SILICEOUS., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF SAND COARSE., MODE OF SAND MEDIUM., SUBROUNDED., CHLORITE 5PCT. COMMENTS- +GRN. 1-3(MAFICS-HEM ,ZIRCON INTERBEDS OF RED SST
9140	SANDSTONE QUARTZOSE	LIGHT 30PCT FELDSPAR SAND, 20PCT ARGILLACEOUS MATERIAL, 10PCT SILICEOUS., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF SAND VERY COARSE., MODE OF SAND COARSE., MODE OF SAND MEDIUM., ROUNDED., CHLORITE 7PCT. COMMENTS- +GRN. MAFICS. JASPER INTERBEDS OF RED+GRN SST-20(MANY DISAGGREGATED GRAINS=MORE CLAY MATRIX. WT+PK FELDSPARS.
9170	SANDSTONE QUARTZOSE	20PCT FELDSPAR SAND, 30PCT ARGILLACEOUS MATERIAL, 10PCT SILICEOUS., TRACE OF FELDSPAR, TRACE OF SILICA CEMENT.. GRAIN SIZE- MODE OF SAND COARSE., MODE OF SAND MEDIUM., MODE OF SAND FINE., SUBROUNDED., CHLORITE 2PCT., SHALE PARTINGS. COMMENTS- POORLY SORTED
9187	SHALE	10PCT QUARTZ SAND, 30PCT SILT., TRACE OF ARGILLACEOUS MATERIAL, TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF SAND COARSE., MODE OF SAND MEDIUM., MODE OF SAND FINE., THINLY BEDDED. COMMENTS- HEMATITE STAINED SHALE-KAOLIN +POSSIBLY GIBBSITE. SOME GRN.
9197	SANDSTONE QUARTZOSE	20PCT FELDSPAR SAND, 20PCT ARGILLACEOUS MATERIAL, 20PCT SILICEOUS.. GRAIN SIZE- MODE OF SAND COARSE., MODE OF SAND MEDIUM., MODE OF SAND FINE., SUBROUNDED., CHLORITE 5PCT, SPAR DOLOMITE 3PCT. COMMENTS- SOME LAYERS OF HEAVY MINERALS. MOTTLED GREEN IN MATRIX
9208	SHALE	10PCT QUARTZ SAND, 30PCT SILT., TRACE OF DOLOMITE.. THINLY BEDDED.
9216	SANDSTONE QUARTZOSE	LIGHT 20PCT FELDSPAR SAND, 30PCT ARGILLACEOUS MATERIAL, 20PCT SILICEOUS.. GRAIN SIZE- MODE OF SAND MEDIUM., MODE OF SAND FINE., SUBROUNDED., CHLORITE 3PCT. COMMENTS- SOME C-VC CLAY LITHOCLASTS.
9221	SHALE	20PCT SILT, 10PCT SILICEOUS., TRACE OF SAND, TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF SAND MEDIUM. COMMENTS- TR MAFICS- ZIRCON.

9229	DOLOMITE	10PCT SAND, 10PCT SILT., TRACE OF CALCAREOUS MATERIAL, TRACE OF QUARTZ OVERGROWTH, TRACE OF QUARTZ OVERGROWTH.. GRAIN SIZE- MODE OF SAND MEDIUM., MODE OF DOLOMITE CRYSTALS FINE., MODE OF DOLOMITE CRYSTALS VERY FINE., MUSCOVITE 2PCT. COMMENTS- ORIGINAL FABRIC PROBABLY = F-M PACK/GRAINSTONE. QTZ GRNS SUB-
9250	DOLOMITE	=10R7/6., 20PCT SILT., TRACE OF CALCAREOUS MATERIAL, TRACE OF QUARTZ OVERGROWTH, TRACE OF QUARTZ OVERGROWTH.. GRAIN SIZE- MODE OF SAND MEDIUM., MODE OF DOLOMITE CRYSTALS FINE., MODE OF DOLOMITE CRYSTALS VERY FINE., BIOTITE 1PCT, MUSCOVITE 2PCT. COMMENTS- WELL RND. 20(AUTHIGENIC SL-F QUARTZ. TR EARLY CALC FRAC'S. TR QTZ XF RODS OR SPICULES.
9272	DOLOMITIC PACKSTONE	DARK RED., 30PCT ARGILLACEOUS MATERIAL, 10PCT CALCAREOUS, 10PCT DOLUMITIC PROLATE ROUNDED PARTICLES, 10PCT DOLOMITIC ROUNDED LITHOCLASTS, 10PCT DOLOMITIC ANGULAR LITHOCLASTS, 10PCT DOLOMITIC ROUNDED LITHOCLASTS., TRACE OF SILT, TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF ROUNDED LITHOCLASTS COARSE., MODE OF PROLATE ROUNDED PARTICLES MEDIUM. COMMENTS- DOL'IZED PKST.SOME GRST-OOLITE ECHINODERM COLUMNAL=EOCRINOID.
9290	SILTSTONE	DARK RED., 10PCT QUARTZ SAND, 30PCT ARGILLACEOUS MATERIAL, 10PCT CALCAREOUS, 20PCT DOLOMITIC., TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF SAND FINE. COMMENTS- SOME GRN.
9299	SHALE	20PCT SAND, 20PCT SILT, 10PCT DOLOMITIC, 10PCT SILICEOUS., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF SAND FINE. COMMENTS- MOTTLED GREEN.
9304	SANDSTONE QUARTZOSE	RDLGY-., 20PCT FELDSPAR SAND, 20PCT SILT, 10PCT SPAR CALCITE CEMENT, 10PCT SPAR DOLOMITE CEMENT., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF SAND MEDIUM., SUBROUNDED., SHALE PARTINGS. COMMENTS- SOME WT QTZ-FELD M.SST W.GLAUC FINER SST+SLTST INTERBEDS SOME MAFICS-ZIRCON. ROUNDED FRG'S OF BASEMENT
9329	METAQUARTZITE	LIGHT GREY., 10PCT BIOTITE., TRACE OF METAMORPHIC ROCK FRAGMENTS, TRACE OF METAMORPHIC ROCK FRAGMENTS, TRACE OF METAMORPHIC ROCK FRAGMENTS, TRACE OF METAMORPHIC ROCK FRAGMENTS.. GRAIN SIZE- CRYSTALS VERY COARSE. COMMENTS- BIOTITIC METAQUARTZITE BASE- MENT. HEMATITE. (POSSIBLY WITH A THIN BASAL CONGLOMERATE OF SLIGHTLY WEATHERED BASEM'T)

9350	METAQUARTZITE	LIGHT GREY., 10PCT BIOTITE., TRACE OF METAMORPHIC ROCK FRAGMENTS, TRACE OF METAMORPHIC ROCK FRAGMENTS, TRACE OF METAMORPHIC ROCK FRAGMENTS, TRACE OF METAMORPHIC ROCK FRAGMENTS.. GRAIN SIZE- CRYSTALS VERY COARSE. COMMENTS- BIOTITIC METAQUARTZITE. RARE RED STAIN SUGGESTS WEA- THERING.
9385	F.T.D.	COMMENTS- FULL TOTAL DEPTH DRILLER AND LOGGER 9385 FEET.

K 12022/32

CONVENTIONAL CORE DESCRIPTION

WELL NAME AND NUMBER
SHELL STE-FRANCOISE-ROMAINE NO. 1

Please refer to the annotated core photographs accompanying this report:

Core #1: 3.7 feet ?Chazy quartzose sandstone
1 foot dolomitic, calcareous Beekmantown mudstone.

Core #2: 14 feet Potsdam siliceous/argillaceous quartzose sandstone.

Core #3: 30 feet Potsdam siliceous/argillaceous subarkosic sandstone.

DESCRIBED BY L. S. Eliuk

DATE _____

K 12022/33

SIDEWALL CORE DESCRIPTION

WELL NAME AND NUMBER

SHELL STE-FRANCOISE-ROMAINE NO. 1

Please refer to the following AUNTY M print-out which follows the format of the preceding Sample Description.

DESCRIBED BY L. S. Eliuk

DATE _____

SHELL CANADA LIMITED

EXPLORATION AND PRODUCTION DEPT.

LITHOLOGIC DESCRIPTION

SIDEWALL CORE LOG

PROVINCE QUEBEC COMPANY SHELL QUÉBEC LIMITÉE AREA ST.LAW.LOWLND

WELL NAME STE-FRANCOISE-ROMAINE No. 1

TOTAL DEPTH 9385 COMMENCED 07/11/71 COMPLETED 17/04/72

LAT. 46. DEG 28. MIN 25.00 SEC LONG. 071. DEG 54. MIN 57.00 SEC

DATE LOGGED /04/72 BY LESLIE ELIUK

ELEVATION AT KELLY BUSHING 0299 WATER DEPTH

LOGS AND ANALYSIS

DILL	ML	CDM
VEL	DENSITY	CALIPR
	CORE ANALYSIS	CORE PHOTO

REMARKS

DRY AND ABANDONED.
TWO RUNS: 1926-6560' 6560-8500'.

992	SHALE	N5., 40PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF SAND, TRACE OF SILT, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF SAND FINE., MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 4PCT, SILICA CEMENT 3PCT. COMMENTS- +60(MUDCAKE W/ CUTTINGS. LARGER CHIPS OF ABOVE LITH.
		INTERBEDDED WITH
	SHALE	N5., TRACE OF DOLOMITE. COMMENTS- A FEW LARGER SHALE CHIPS-MIGHT BE IN PLACE INTERBEDDED W SLT.
2700	SHALE	N6., 10PCT QUARTZ SILT, 10PCT DOLOMITIC., TRACE OF SILT, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF SAND FINE., MODE OF IRREGULAR FRAGMENTS VERY FINE., SAND 2PCT, IRREGULAR FRAGMENTS 5PCT, PHLOGOPITE 1PCT, DOLOMITE 6PCT., THINLY BEDDED, GRADED BEDDING. COMMENTS- SLIGHT GRADING + ALIGNED CRBN FRG SHOW MM BEDDING
2875	SHALE	N5., TRACE OF SILT, TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF IRREGULAR FRAGMENTS VERY FINE., IRREGULAR FRAGMENTS 3PCT. COMMENTS- +50(MUDCAKE+CUTTINGS
2919	SHALE	N5., TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF MUSCOVITE VERY FINE., IRREGULAR FRAGMENTS 2PCT. COMMENTS- 40(MUDCAKE. CARBONACEOUS FRG SHOW ALIGNMENT
3048	SILTSTONE QUARTZOSE	N5., 50PCT ARGILLACEOUS MATERIAL., TRACE OF SAND, TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF SAND FINE., MODE OF CARBONACEOUS MATERIAL VERY FINE., IRREGULAR FRAGMENTS 6PCT, PHLOGOPITE 1PCT., THINLY BEDDED. COMMENTS- PROBABLY 100(MUDCAKE+CUTTINGS SINGLE LG ROUNDED CHIP DESCRBD
3055		COMMENTS- 100(MUDCAKE, NO CUTTINGS
3270	SHALE	30PCT QUARTZ SAND., TRACE OF DOLOMITE.. IRREGULAR FRAGMENTS 3PCT, MUSCOVITE 3PCT. COMMENTS- 85(MUDCAKE,NO CUTTINGS.
3920	SHALE	10PCT QUARTZ SAND., TRACE OF SILT, TRACE OF DOLOMITE. COMMENTS- POSSIBLY 100(MUD+CUTTINGS. LRGST FRG DESCRIBED ABOVE
4212	SHALE	N4., 10PCT QUARTZ SILT., 20PCT SILT, TRACE OF DOLOMITE.. MUSCOVITE 1PCT., THINLY BEDDED, GRADED BEDDING. COMMENTS- TO N6 SLTY SH GRADING TO SH 2-25(QTZ SILT CONTENT
4520		COMMENTS- 100(MUD

4706	SHALE	N5., TRACE OF DOLOMITE.. SILT 1PCT. COMMENTS- POSSIBLY 100(MUDCAKE+CUTTINGS
4726	SHALE	N5., 30PCT QUARTZ SILT.. GRAIN SIZE- MODE OF SAND VERY FINE., SAND 1PCT, IRREGULAR FRAGMENTS 2PCT, MUSCOVITE 3PCT, DOLOMITE 3PCT. COMMENTS- POSSIBLY 100(MUDCAKE+CUTTINGS
4727	SHALE	N4., 10PCT QUARTZ SILT., TRACE OF DOLOMITE.. SILT 5PCT. COMMENTS- TO N6. OPEN FRACTURES-CAUSED BY SWC GUN INTERLAM N4/N6 SH.
4735		COMMENTS- MISFIRE
4739		COMMENTS- 100(MUD+MUDCAKE
4752	SHALE	CALCITE FILLED FRACTURES 2PCT, SILT 1PCT, DOLOMITE 3PCT., SLICKENSIDES. COMMENTS- SOME UNLINED OPEN FRAC'S DUE TO SWC GUN QTZ FOLLOWS CALC.
5110	SHALE	30PCT QUARTZ SAND., 20PCT SILT, TRACE OF DOLOMITE.. GRAIN SIZE- MODE OF SAND VERY FINE., SAND 3PCT, IRREGULAR FRAGMENTS 3PCT., THINLY BEDDED, LOW ANGLE CROSS BEDDING. COMMENTS- TO 5YR4/1. INTERBEDS-SH+SLTY SH
5362		COMMENTS- EMPTY
5468		COMMENTS- MISFIRE
5754	SHALE	5YR3/1., 10PCT CALCAREOUS.. CALCITE FILLED FRACTURES 7PCT. COMMENTS- FRACTURES COMPLETELY INFILLED TRACE QTZ FOLLOWING VEIN CALC.
5893	SHALE	5YR3/1., 10PCT CALCAREOUS., TRACE OF CALCAREOUS MATERIAL. COMMENTS- V.POOR RECOVERY-POSSIBLY INLY CUTTINGS
6047		COMMENTS- EMPTY
6174	SHALE	5YR2/1., 20PCT CALCAREOUS. COMMENTS- TR TENSIONAL (GASH) CALC-FILLO VEINS W/ DEAD OIL (// BED'G)
6433		COMMENTS- EMPTY
6582		COMMENTS- MISFIRE.
6725		COMMENTS- MUDCAKE+STEEL BULLET OR JAWS
6793		COMMENTS- MUDCAKE, STEEL+ CUTTINGS.

7042		COMMENTS- MUDCAKE,STEEL + CUTTINGS.
7127		COMMENTS- MUDCAKE+STEEL.
7518	SILTSTONE	20PCT QUARTZ SAND, 30PCT ARGILLACEOUS MATERIAL, 10PCT CALCAREOUS., TRACE OF SAND, TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF SAND VERY COARSE., SUBANGULAR., PYRITE 1PCT.
7553		COMMENTS- MISFIRE.
7562		COMMENTS- EMPTY.
7565		COMMENTS- MUDCAKE.
7569		COMMENTS- MUDCAKE AND CUTTINGS.
7609	SHALE	10PCT CALCAREOUS, 10PCT CALCAREOUS, 40PCT DOLOMITIC., TRACE OF SILT, TRACE OF DOLOMITE. COMMENTS- MUDCAKE AND CUTTINGS.(CRUSHED CORE)
7638		COMMENTS- MISFIRE.
7687		COMMENTS- MUDCAKE AND CUTTINGS.
7752		COMMENTS- MISFIRE.
7906	SANDSTONE QUARTZOSE	30PCT SILICEOUS., TRACE OF SILT.. GRAIN SIZE- MODE OF SAND COARSE., MODE OF SAND MEDIUM., QUARTZ OVERGROWTH 5PCT., GRADED BEDDING. COMMENTS- LARGE QTZ SST CHIPS,SEEM OUT OF PLACE. GRADED ON 1 SCALE
8000		COMMENTS- EMPTY.
8062	SANDSTONE QUARTZOSE	LIGHT GREY., 30PCT QUARTZ SILT, 10PCT ARGILLACEOUS MATERIAL, 10PCT SPAR DOLOMITE CEMENT, 10PCT SILICEOUS., TRACE OF ARGILLACEOUS MATERIAL.. GRAIN SIZE- MODE OF SAND VERY FINE., SUBANGULAR., THINLY BEDDED. COMMENTS- SOME WAVY PYRITIC SHALE LAM. ACTUAL CORE
8120		COMMENTS- EMPTY
8143		COMMENTS- MUDCAKE AND LARGE CUTTING
8182	SANDSTONE QUARTZOSE	30PCT SILICEOUS.. GRAIN SIZE- MODE OF SAND COARSE., MODE OF SAND MEDIUM., SUBROUNDED., QUARTZ OVERGROWTH 7PCT. COMMENTS- MUD AND V.LRGE.FLAKY CUTTINGS OF QTZ SST,AND GREY DOLOMITE.

		INTERBEDDED WITH
	SHALE	DARK GREY., 20PCT SILT, 30PCT DOLOMITIC, 10PCT SPAR DOLOMITE CEMENT., TRACE OF CALCAREOUS MATERIAL.. GRAIN SIZE- MODE OF SPAR DOLOMITE FINE., MUSCOVITE 2PCT, PYRITE 1PCT. COMMENTS- SST HAS TR MAFIC FRAGMENTS.
8256		COMMENTS- EMPTY.
8282		COMMENTS- MISFIRE.
8316		COMMENTS- EMPTY.
8416		COMMENTS- MUD.

CORE NO. 1

46°28'N 71°54'W

SHELL CANADA LIMITED - PRODUCTION LABORATORY
CORE ANALYSIS REPORT

Date: Feb. 1972

WELL: Ste. Francoise Romaine KB 298.7 FIELD Wildcat CORED INTERVAL 7591.0-7596.7 RECOVERY 4.4 FORMATION - CHAZY (SANDSTONE) - BEEKMANTOWN BLACK RIVER

Lab. No. SMALL CORE SAMPLES 'S' Suffix	SECTION REPRESENTED Interval	Ft.	Lithological Description	ORIENTATION	Whole Core Samples - G.D. calc. Small Core Samples - G.D. measured Poro %	Kmax md	K90 md	Kvert md	G.D. gm/cc	Oil Sat'n % P.V.	Water Sat'n % P.V.	Fluor Cuts	REMARKS
X-6980	7591.0-7592.0	1.0	SD, CL, H, M-L, P		4.9	0.02			2.647			N	
X-6981	7592.0-7592.6	0.6	SD, CL, C, M-F, P		1.7	0.03			2.679			N	
X-6982	7592.6-7593.0	0.4	SD, CL, C, M-F, P		5.0	0.03			2.738			N	
X-6983	7593.0-7594.0	1.0	SD, CL, CM-F, P		2.9	0.03			2.643			N	
X-6984	7594.0-7594.6	0.6	SD, CL, C, M-F, P		1.4	0.03			2.622			N	
	7594.6-7595.4	0.8	Shale										Lost core
	7595.4-7596.7	1.3											

CORE ANALYSIS

WELL NAME AND NUMBER
SHELL STE-FRANCOISE-ROMAINE NO. 1

CORE LABORATORIES – CANADA, LTD.
CALGARY, ALBERTA POTSDAM

COMPANY SHELL CANADA LIMITED
WELL SHELL STE. FRANCOISE ROMAINE NO. 1
FIELD
LOCATION

FORMATION
DRILLING FLUID WATER BASE MUD
ELEVATION
ANALYSIS FULL DIAMETER
REMARKS ALL SAMPLES SANDBLASTED PRIOR TO KH ANALYSIS

PAGE 1 OF 1
FILE 913-284
DATE REPORT MAR. 10/72
ANALYSTS SP, BK

AST – APPEARS SIMILAR TO
* – BROKEN CORE
(KMAX – USED FOR SUMMARY PURPOSES)
** – PERMEABILITY > 30000 MD
FS – FINE SAND
MS – MEDIUM SAND
CS – COURSE SAND
CONG – CONGLOMERATE
DOL – DOLOMITE
SH – SHALE
LMY – LIMY
SHY – SHALY
/BK – BREAK
BIT – PYROBITUMEN
CARB – CARBONACEOUS
A – ANHYDRITE
FOSS FOSSILIFEROUS
XLN – CRYSTALLINE
LAM – LAMINATIONS
V – VUGULAR
LV – LARGE VUGS
SV – SMALL VUGS
PPV – PINPOINT VUGS
I – INTERGRANULAR
STY – STYOLITIC
HF – HORISONTAL FRACTURE
VF – VERTICAL FRACTURE
SS – SMALL SAMPLE
SLI – SLIGHTLY
VI – VERY
W – WITH

SAMPLE NUMBER	INTERVAL REPRESENTED FEET		PERMEABILITY TO AIR MILLIDARCYS			PERMEABILITY FEET	POROSITY %	POROSITY FEET	DENSITY		VISUAL EXAMINATION
	DEPTH	THICK	KMAX	K90°	KV				BULK	GRAIN	
	CORED INTERVAL 8425 - 8439										
	CORE NO. 2 8425 - 8439 REC. 14.0' 3 BOXES										
1	8425.0-25.7	.7	.04	-0.1	-0.1	.03	1.9	1.33	2.60	2.65	FS SILTY
2	8425.7-26.1	.4	1.42	1.24	.04	.57	8.0	3.20	2.43	2.64	FS
3	8426.1-26.6	.5	.03	-0.1	-0.1	.02	4.3	2.15	2.52	2.63	FS SILTY
4	8426.6-27.0	.4	.06	-0.1	-0.1	.02	1.9	.76	2.58	2.63	FS SILTY
5	8427.0-28.0	1.0	.32	.30	-0.1	.32	2.3	2.30	2.57	2.63	FS
6	8428.0-28.4	.4	.18	.18	-0.1	.07	2.0	.80	2.64	2.69	FS SHY
7	8428.4-29.1	.7	-0.1	-0.1	-0.1	-	3.4	2.38	2.54	2.63	FS SILTY
8	8429.1-29.8	.7	.05	-0.1	-0.1	.04	4.0	2.80	2.52	2.63	FS SILTY
9	8429.8-30.6	.8	.30	.19	-0.1	.24	5.5	4.40	2.49	2.63	FS
10	8430.6-31.5	.9	-0.1	-0.1	-0.1	-	4.1	3.69	2.52	2.62	FS SILTY
11SS	8431.5-31.7	.2	-0.1	-	-	-	3.4	.68	-	-	FS SHY
12	8431.7-32.6	.9	-0.1	-0.1	-0.1	-	3.7	3.33	2.52	2.62	FS SILTY
13	8432.6-33.8	1.2	.02	.02	-0.1	.02	4.5	5.40	2.51	2.62	FS SILTY
14	8433.8-34.6	.8	-0.1	-0.1	-0.1	-	3.3	2.64	2.53	2.62	FS SILTY
15	8434.6-35.5	.9	-0.1	-0.1	-0.1	-	3.3	2.97	2.53	2.62	FS SILTY
16	8435.5-36.4	.9	-0.1	-0.1	-0.1	-	3.7	3.33	2.52	2.62	FS SILTY
17	8436.4-37.4	1.0	-0.1	-0.1	-0.1	-	4.1	4.10	2.52	2.63	FS SILTY
18	8437.4-37.9	.5	-0.1	-0.1	-0.1	-	1.9	.95	2.63	2.68	FS SHY
19	8437.9-39.0	1.1	.17	.17	-0.1	.19	5.5	6.05	2.48	2.63	FS SILTY

Form 51

CORE ANALYSIS

WELL NAME AND NUMBER
SHELL STE-FRANCOISE-ROMAINE NO. 1

CORE NO. 2
No.1

SHELL CANADA LIMITED - PRODUCTION LABORATORY
CORE ANALYSIS REPORT

Date: March 1972.

WELL: Shell Ste. Francoise Romaine KB FIELD CORED INTERVAL 8425-8439 RECOVERY 14 FORMATION POTSDAM

Lab. No. SMALL CORE SAMPLES 'S' Suffix	SECTION REPRESENTED Interval	Ft.	Lithological Description	ORIENTATION	Whole Core Samples - G.D. calc. Small Core Samples - G.D. measured Poro %	Kmax md	K90 md	Kvert md	G.D. gm/cc	Oil Sat'n % P.V.	Water Sat'n % P.V.	REMARKS
X-7001	8425.4		SD, PB, PY, C, VF-M, P		4.0	0.1			2.639			
X-7002	8425.9		SD, PY, GL, C, F-M, F		10.7	3.2			2.650			
X-7003	8426.6		SD, PY, GL, C, VF-M, P		3.5	0.05			2.627			
X-7004	8427.2		SD, CL, C, VF-F, P		2.0	0.01			2.621			
X-7005	8428.0		SD, GL, PY, F-M, C, P		4.8	0.4			2.664			
X-7006	8428.6		SD, PY, GL, VF-F, C, P		3.2	0.04			2.620			
X-7007	8429.5		SD, GL, PB, VF-M, C, P		5.4	0.1			2.634			
X-7008	8430.4		SD, GL, VF-M, C, P		4.7	0.1			2.633			
X-7009	8431.5		SD, PB, C, VF-M, P		3.0	0.1			2.643			
X-7010	8431.8		SD, GL, PY, C, VF-F, P		4.3	0.03			2.629			
X-7011	8432.4		SD, GL, C, VF-F, P		3.9	0.05			2.616			
X-7012	8432.7		SD, PY, GL, PB, C, VF-M P		4.5	0.1			2.624			
X-7013	8433.5		SD, GL, PB, C, VF-F, P		4.3	0.1			2.614			
X-7014	8434.0		SD, CL, C, VF-M, P		4.8	0.1			2.621			
X-7015	8434.6		SD, CL, C, VF-F, P		2.9	0.05			2.618			
X-7016	8435.5		SD, CL, C, VF-F, P		3.6	0.1			2.627			
X-7017	8436.1		SD, PB, PY, C, VF-M, P		4.3	0.1			2.623			
X-7018	8436.6		SD, PB, PY, C, VF-M, P		5.0	0.1			2.632			
X-7019	8437.7		SD, PB, CL, C, VF-F, P		1.9	0.3			2.675			
X-7020	8438.5		SD, CL, C, VF-F, P		4.0	2.4			2.623			

CORE ANALYSIS

WELL NAME AND NUMBER
SHELL STE-FRANCOISE-ROMAINE NO. 1

SHELL CANADA LIMITED - PRODUCTION LABORATORY
CORE ANALYSIS REPORT

CORE NO. 3

Date: April 1972.

WELL: Shell Ste. Francoise Romaine #1 KB 299' FIELD Wildcat CORED INTERVAL 8897-8927 RECOVERY 30' FORMATION Potsdam Sandstone.

Lab. No. SMALL CORE SAMPLES 'S' Suffix	SECTION REPRESENTED Interval	Ft.	Lithological Description	ORIENTATION	Whole Core Samples - G.D. calc. Small Core Samples - G.D. measured Poro %	Kmax md	K90 md	Kvert md	G.D. gm/cc	Oil Sat'n % P.V.	Water Sat'n % P.V.	REMARKS
X7021	8897.0-8898.0	1.0	SD, GL, VF-M, C, N		3.2	0.3			2.653			
X7022	98.0-99.0	1.0	SD, GL, PY, VF-M, C, T		3.8	0.7			2.671			
X7023	99.0-8900.0	1.0	SD, GL, CC, VF-M, C, N		3.7	0.3			2.654			
X7024	8900.0-8901.0	1.0	SD, GL, CC, VF-F, C, N		3.4	0.4			2.660			
X7025	01.0-01.6	0.6	SD, GL, CC, VF-F, C, T		3.4	0.5			2.674			
X7026	01.6-02.0	0.4	SD, GL, SI, VF-F, C, N		1.8	0.1			2.711			
X7027	02.0-03.0	1.0	SD, GL, CC, VF-F, C, T		3.5	0.2			2.650			
X7028	03.0-04.0	1.0	SD, GL, CC, VF-F, C, N		2.8	0.2			2.651			
X7029	04.0-05.0	1.0	SD, GL, PB, VF-F, C, N		2.6	0.2			2.646			
X7030	05.0-06.0	1.0	SD, GL, CC, VF-F, C, N		3.0	0.4			2.652			
X7031	06.0-07.0	1.0	SD, GL, VF-F, C, T		3.8	0.4			2.656			
X7032	07.0-08.0	1.0	SD, SH, SI, VF-F, C, N		1.7	17.5f			2.682			
X7033	08.0-09.0	1.0	SD, GL, SI, VF-F, C, N		3.1	0.4			2.665			
X7034	09.0-10.0	1.0	SD, GL, CC, VF-F, C, N		3.3	1.0			2.659			
X7035	10.0-11.0	1.0	SD, GL, CC, VF-F, C, N		2.6	0.5			2.661			
X7036	11.0-12.0	1.0	SD, GL, PB, VF-F, C, N		3.0	0.3			2.660			
X7037	12.0-13.0	1.0	SD, GL, VF-F, C, N		3.3	0.4			2.660			
X7038	13.0-14.0	1.0	SD, GL, VF-F, C, T		3.6	0.4			2.671			
X7039	14.0-15.0	1.0	SD, GL, VF-M, C, N		2.3	13.1f			2.665			
X7040	15.0-16.0	1.0	SD, GL, SI, VF-F, C, N		1.9	0.2			2.669			
X7041	16.0-17.0	1.0	SD, GL, SI, VF-F, C, T		3.7	0.8			2.672			
X7042	17.0-18.0	1.0	SD, GL, SI, VF-F, C, N		3.2	0.5			2.671			
X7043	18.0-19.0	1.0	SD, GL, CC, VF-F, C, N		3.2	2.4f			2.664			
X7044	19.0-20.0	1.0	SD, GL, SI, VF-F, C, N		2.1	0.2			2.692			
X7045	20.0-21.0	1.0	SD, GL, SI, VF-F, C, N		2.9	0.7			2.675			
X7046	21.0-22.0	1.0	SD, GL, SI, VF-F, C, N		3.0	0.4			2.664			
X7047	22.0-23.0	1.0	SD, GL, SI, VF-F, C, T		3.4	0.3			2.666			
X7048	23.0-23.6	0.6	SD, GL, SI, VF-F, C, N		2.0	0.3			2.665			
X7049	23.6-24.4	0.8	SD, GL, VF-F, C, N		3.5	5.2f			2.667			
X7050	24.4-25.0	0.6	SD, GL, SI, VF-F, C, T		3.7	0.7			2.673			
X7051	25.0-26.0	1.0	SD, GL, CC, VF-F, C, N		3.2	0.4			2.661			
X7052	26.0-27.0	1.0	SD, SI, VF-F, C, N		2.5	0.3			2.645			

CORE ANALYSIS

WELL NAME AND NUMBER
SHELL STE-FRANCOISE-ROMAINE NO. 1

4.06

FLUID ANALYSIS

WELL NAME AND NUMBER

SHELL STE-FRANCOISE-ROMAINE NO. 1

CORE LABORATORIES – CANADA LTD.

PETROLEUM RESERVOIR ENGINEERING

GAS ANALYSIS

Company Shell Canada Limited — Page 1 of 3

Well Shell Ste. Francoise Romaine No. 1 — File 901-1511

Field Wildcat — Analyst GV

Location 46°28'25"N, 71°54'57"W — Elevation: K.B. 299 Grd. 281

Formation Ordovician - Lorraine — Depth 4700-4902

Sampled from #1 — by Lynes United Services

Sampling pressure _____ psig — Sampling temp. _____ °F — Ambient temp. _____ °F

Date sampled Dec.12/71 — Date received Dec. 14/71 — Date analysed Dec. 14/71

Container pressure 150 psig — Mud _____ — Water cushion 2500 ft.

Recovery or flowrate: 4.59 MMCFPD decreasing to 2.65 MMCFPD in 65 min.

COMPONENT	MOLE %	IMP. GPM @ 14.65 psia and 60°F
Hydrogen	.03	
Helium	.03	
Nitrogen	.20	
Carbon Dioxide	Trace	
Hydrogen Sulphide	.00	
Methane	94.23	
Ethane	4.48	
Propane	.76	.173
Iso Butane	.12	.032
Normal Butane	.10	.026
Iso Pentane	.04	.012
Normal Pentane	.01	.003
Hexanes	Trace	.000
Heptanes Plus	.00	.000
Total	100.00	.246
Pentanes Plus		.015

SPECIFIC GRAVITY

Calculated .588 — Measured _____

GROSS B.T.U. per SCF 1056.1

Calculated @ 14.65 psia, 60°F, moisture and acid - gas free.

VAPOR PRESSURE of PENTANES PLUS

(calculated) 19.5 psia @ 100°F

Pseudo Critical Pressure 673.2 psia

Pseudo Critical Temperature 356.6 °R

Remarks _____

FLUID ANALYSIS

WELL NAME AND NUMBER

SHELL STE-FRANCOISE-ROMAINE NO. 1

CORE LABORATORIES – CANADA LTD.

PETROLEUM RESERVOIR ENGINEERING

GAS ANALYSIS

Company: Shell Canada Limited — Page: 2 of 3

Well: Shell Ste. Francoise Romaine No. 1 — File: 901-1511

Field: Wildcat — Analyst: GV

Location: ~~46°28'25"N, 71°54'57"W~~ — Elevation: K.B. ~~299~~ Grd. ~~291~~

Formation: Ordovician - Lorraine — Depth: ~~4700-4992~~

Sampled from: #2 — by: Lynes United Services

Sampling pressure: _____ psig — Sampling temp.: _____ °F — Ambient temp.: _____ °F

Date sampled: ~~Dec. 12/71~~ — Date received: Dec. 14/71 — Date analysed: Dec. 14/71

Container pressure: 100 psig — Mud: _____ — Water cushion: ~~2500 ft.~~

Recovery or flowrate: ~~4.59 MMCFPD decreasing to 2.65 MMCFPD in 65 min.~~

COMPONENT	MOLE %	IMP. GPM @ 14.65 psia and 60°F
Hydrogen	.03	
Helium	.03	
Nitrogen	.22	
Carbon Dioxide	Trace	
Hydrogen Sulphide	.00	
Methane	94.18	
Ethane	4.50	
Propane	.76	.173
Iso Butane	.12	.032
Normal Butane	.11	.029
Iso Pentane	.04	.012
Normal Pentane	.01	.003
Hexanes	Trace	.000
Heptanes Plus	.00	.000
Total	100.00	.249
	Pentanes Plus	.015

SPECIFIC GRAVITY

Calculated .588 — Measured _____

GROSS B.T.U. per SCF 1056.3

Calculated @ 14.65 psia, 60°F, moisture and acid - gas free.

VAPOR PRESSURE of PENTANES PLUS

(calculated) 19.5 psia @ 100°F

Pseudo Critical Pressure 673.2 psia

Pseudo Critical Temperature 356.7 °R

Remarks _____

FLUID ANALYSIS

WELL NAME AND NUMBER: SHELL STE-FRANCOISE-ROMAINE NO. 1

CORE LABORATORIES – CANADA LTD.

PETROLEUM RESERVOIR ENGINEERING

GAS ANALYSIS

Company: Shell Canada Limited — Page: 3 of 3

Well: Shell Ste. Francoise Romaine No. 1 — File: 901-1511

Field: Wildcat — Analyst: GV

Location: ~~45°28'25"N, 71°54'57"W~~ — Elevation: K.B. ~~200~~ Grd. ~~191~~

Formation: ~~Ordovician - Lorraine~~ — Depth: ~~4700-4902~~

Sampled from: #3 — by: Lynes United Services

Sampling pressure: _____ psig — Sampling temp.: _____ °F — Ambient temp.: _____ °F

Date sampled: ~~Dec. 12/71~~ — Date received: Dec. 14/71 — Date analysed: Dec. 14/71

Container pressure: 120 psig — Mud: _____ — Water cushion: ~~2500 ft.~~

Recovery or flowrate: ~~4.59 MMCFPD decreasing to 2.65 MMCFPD in 65 min.~~

COMPONENT	MOLE %	IMP. GPM @ 14.65 psia and 60°F
Hydrogen	.02	
Helium	.03	
Nitrogen	.19	
Carbon Dioxide	Trace	
Hydrogen Sulphide	.00	
Methane	94.28	
Ethane	4.45	
Propane	.76	.173
Iso Butane	.12	.032
Normal Butane	.10	.026
Iso Pentane	.04	.012
Normal Pentane	.01	.003
Hexanes	Trace	.000
Heptanes Plus	.00	.000
Total	100.00	.246
	Pentanes Plus	.015

SPECIFIC GRAVITY

Calculated .587 — Measured _____

GROSS B.T.U. per SCF 1056.1

Calculated @ 14.65 psia, 60°F, moisture and acid - gas free.

VAPOR PRESSURE of PENTANES PLUS

(calculated) 19.5 psia @ 100°F

Pseudo Critical Pressure 673.3 psia

Pseudo Critical Temperature 356.6 °R

Remarks _____

FLUID ANALYSIS	WELL NAME AND NUMBER SHELL STE-FRANCOISE-ROMAINE NO. 1

HYDROCARBON FLUID ANALYSIS

Company SHELL CANADA LIMITED Page

Well Shell Ste. Francoise Romaine No. 1 File

Field DRUMMONDVILLE - SAMPLE Date

Location Analysts

SAMPLING CONDITIONS

Formation Ordovician-Lorraine Depths 4700 - 4742

Sampled from DST No. 8 By of

Date Sampled APRIL 12, 1972 Date Received April 28, 1972 Date Analyzed April 29, 1972

Pressure psig Temperature °F. Atmospheric Temp. °F.

DST Recovery or Flowrate 2.9 MMCF/D decreasing to 0.35 MMCF/D

Method of Analysis ~~XXXX

K 12022/37

GEOLOGICAL DATA (TOPS)

WELL NAME AND NUMBER: SHELL STE-FRANCOISE-ROMAINE NO. 1

ROCK - STRATIGRAPHIC UNITS (Formation and members)

UNIT	DEPTH DRILLED	DEPTH SUBSEA True Vertical	THICKNESS		LITHOLOGY	COMMENTS
Glacial drift	00	+ 299	60		local & Grenville erratics in clay	
Lorraine Group (Nicolet Riv. Fm)	60	+ 239	5390		shale & siltstone	thrust faulted
Utica Group (Lotbiniere Fm)	5470	-5151	1209		calcareous shale	
Trenton Group (Neuville Fm)	6683	-6360	787		argillaceous limestone	
Black River Group	7473	-7147	77		sublithographic limestone & siltstone	
??Chazy Group	7550	-7224	37		calcareous sandstone	possibly basal Black River
Beekmantown Group						
?Providence Is.Fm.	7587	-7261	56		argillaceous dolo. mudstone	
Beauharnois Fm.	7643	-7317	321	597	argillaceous dolomite	
March Fm.	7964	-7638	220		dolomitic sandstone & dolomite	
Potsdam Group						
"Cairnside" Fm.	8184	-7858	365	1044	orthoquartzite	
"Covey Hill" Fm.	8550	-8223	679		red subarkose to arkose	
Middle? Cambrian dolomite & sandstone	9229	-8902	100		red dolomite & sandstone	
Precambrian Basement	9329	-9002	?		metaquartzite	

K 12022/38

TECHNICAL APPENDICES

K 12022/42

MECHANICAL LOGS

WELL NAME AND NUMBER

SHELL STE-FRANCOISE-ROMAINE NO. 1

RUN NUMBER	DATE	TYPE	INTERVAL
1	January 4, 1972	Acoustilog	20-6557
	January 4, 1972	Densilog	1928-6563
	January 4, 1972	Dual Induction Focused Log	1928-6566
	January 5, 1972	Diplog	1926-6558
	January 5, 1972	Directional Log	1926-6558
	January , 1972	Bond Log (Acoustilog in casing)	100-6510
2	March 8, 1972	Acoustilog	6400-8476
	March 9, 1972	Densilog	6400-8483
	March 8, 1972	Dual Induction Focused Log	6559-8484
	March 9, 1972	Diplog	6560-8478
	March 9, 1972	Minilog	7450-8484
	March 9, 1972	Directional Log	6560-8478
3	April 6, 1972	Acoustilog	8250-9378
	April 6, 1972	Densilog	8250-9382

Contractor: Dresser-Atlas

DATA SENT TO GOVERNMENT PRIOR TO REPORT

(1) All samples 0 to 9385 feet from Petrocraft Products, Calgary (2 vials and 1 pound bag per 10 feet).

(2) All data from DST's 1 through 8.

(3) Directional surveys.

(4) All core analyses (Core Nos. 1, 2, and 3).

(5) One field print each of all logs taken during Runs No. 1, No. 2, and No. 3.

(6) Final composite mechanical logs, 2 copies.

(7) Cores: Number 1, 2, and 3.

RN-69 (1)

"CONFIDENTIEL"

11.1.4

GOUVERNEMENT DU QUÉBEC

MINISTÈRE DES RICHESSES NATURELLES

MEMORANDUM

À: Monsieur Réal Boucher,
Directeur général de l'Energie

DATE: 17 décembre 1971.

DE: Paul P. Simard

SUJET: PRESENCE DE GAZ NATUREL AU PUITS SHELL ST-FRANCOISE ROMAINE NO 1

Le 12 décembre 1971, la Société Shell Québec Limitée a rencontré du gaz naturel au puits Shell St-Françoise Romaine No 1.

Un essai aux tiges a été effectué à l'interval de profondeur de 4,700' et 4,902'.

Données obtenues au cours de l'essai:

	Initial	Final	Durée
Débit.....	4.5 millions	2.6*	90 minutes
Pression d'écoulement.....	911#	573#	"
Pression statique.....	3516#	2535#	"

D'après les géologues de Shell, la roche consiste de shiste gèseux qui est probablement fracturée.

Une analyse des données obtenues de l'essai démontre que la poche de gaz rencontrée à une pression anormallement élevée et d'un volume très limité, ce qui est caractéristique des gaz que l'on rencontre dans les shistes. De plus, il est à noter que le shiste n'offre pas de possibilité de réservoir et que cette venue de gaz comporte plus de problème de forage que de possibilité pour le gaz.

De toute façon Shell avant de placer son tubage intermédiaire doit faire du carottage électrique et radioactif etc... et cela permettra d'évaluer avec une plus grande certitude la venue de gaz.

PAUL P. SIMARD

*Le débit et la pression finale de 2.6 millions et de 573# devrait être normallement plus bas parce que l'outil s'est partiellement obstrué au cours de l'essai.

GM-27632

Communiqué que Shell fera à propos de la rencontre de gaz naturel à son puits Shell Ste-Françoise Romaine N. 1 Well

"Shell Canada Limited announces that in drilling it's exploratory well Shell Ste Françoise Romaine No 1 about 40 miles South of Quebec City, a natural gas show was encountered at about 4,700'. A routine drill stem test was made on December 12 and a small gas flow was obtained which decreased throughout the test. No further test are planned in connection with this gas show and drilling is proceeding.

The well name Shell Ste Françoise Romaine No 1 is planned as an 11,000' test."

A ceux qui leur demanderont le débit du gaz Shell répondra que le débit final du puits était de 2.5 millions et que le débit décroissaittoujours à la fin de l'essai (ce qui est exact).

Paul-P. Simard

N.B. Mr. Bill Hickman de Shell m'a dicté au téléphone ce communiqué.

Le 17 décembre 1971.
PPS/lg

CA.27632

AH69
169

NOTE AU DOSSIER

RE Appel téléphonique dy 6 avril 1972 de Bill Hickman, concernant le puits Shell St. Françoise # 1

The logging, testing and abandonning of the hole that they proposed is as follow:

1- Logging

(8,488 - 9,385)

2- Testing

a) After setting the two first plus (see abandonment) - run a DST using a hook wall packer to test interval between 6740' - 6150'.

b) After setting a bridge plug a 4950' - perforate 4700' - 4720' with 2 shot/ft, 4720' - 4745' with 1 shot/ft, they will set a baker packer at 4650' and test for 3 days.

3- Abandonment

1° Plug - 100' cement plug from T.D.

2° Plug - 7640' - 7480' wait 8 hrs-ful plug

3° Plug - 6740' - 615 wait 8 hrs-ful plug

An attempt to pull out 600' to 1000' of 7 5/8" will be made there a bridge plug will be set on top of 9 5/8" casing with 100' cement plug on top of bridge.

4- 10 sacks of cement on top surface hole after it has been cut 3' below surface level.

Sacks of cement will be set in mouse and rat hole.

Seismic velocity holes will all be cemented.

Ministère des Richesses Naturelles, Québec
SERVICE DE LA
DOCUMENTATION TECHNIQUE
3 MAI 1972
Date:
No GM: 27618 27632 Annulé

...2

5- Lithology

Lorraine	60'
Utica	5470'
Trenton	6683'
Black River	7486'
Chazy	7532'
Beekmantown	7587'
March	7964'
Postdam	8206'
Precambrian	9335'

Je dois discuter de ce programme samedi le 8 avril avec M. Schaffick lors de ma visite au puits.

Paul-P. Simard

PPS/cg

Le 6 avril 1972.

A161

ABANDONMENT PROGRAM

NAME: Shell Ste. Francoise Romaine # 1

LOCATION: Latitude: 46° 28' 25" N.
Longitude: 71° 54' 52" W.

GROUND ELEVATION: 281.4'

K.B. ELEVATION: 299'

TOTAL DEPTH: 9385

SUMMARY OF CASING STRINGS:

a. Conductor Casing

177' - 20" - 53#/ft. cemented to surface with 500 sx. of Portland Cement.

b. Surface Casing

1926' - 9-5/8" - 36 & 40#/ft. (K.B. to 359' - 40#/ft. remainder 36#/ft.) cemented to surface with 975 sx. of Portland Cement.

c. Intermediate Casing

6561' - 7-5/8" - 26.4 & 29.7#/ft. (6561' to 3543' - 29.7#/ft. remainder 26.4#/ft. except for top joint of 29.7#/ft.) cemented with 500 sx. of Portland Cement.

CASING PERFORATIONS: 6215' - 6220' w/15 shots total.
6415' - 6420' w/15 shots total.

SUMMARY OF D.S.T.'s

Test #1

Interval: 4700' - 4902'. Ran 2500' water cushion.

Recovery: 270' mud (2 bbls.)

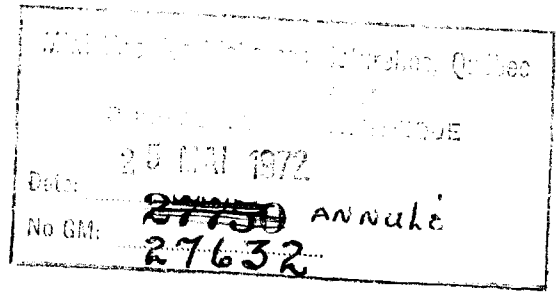
Gas: 4.5 MMCFD decreasing to 2.5 MMCFD after 90 minutes through a 1" orifice.

SIP.: 3516/2535, FP. 911/573, HMP. 3853/3824

Test #2

Interval: 6695' - 7116'

Recovery: Misrun



Test #2A

Interval: 6444-7122' partial misrun

Recovery: 1216' mud, 188' slightly mud cut water cushion, 1700' water cushion. Pressures invalid.

Test #3

Interval: 7529-7654'

Recovery: misrun

Test #4

Interval: 8367-8462'

Recovery: misrun

Test #5

Interval: 8290 - 8486'

Recovery: 4400' water cushion, 90' heavily water cut mud, 30' slightly water cut mud
FP 2172/2204, SIP 3776/3747, HP 5985

FORMATION TOPS (K.B.)

Test No. 6 - 6,545-6,765 Misrun

Lorraine	60'
Utica	5470'
Trenton	6683'
Black River	7486'
Chazy	7532'
Beekmantown	7587'
March	7964'
Potsdam	8206
Preccambrian	9335

LOGGING

Logging Program - Run No. 3

This suite of logs will be run at total depth by Dresser Atlas.

1.	Dual Induction Focused Log	TD to 8400 (2" and 5" scale) Repeat bottom 200' of section
2.	Borehole Compensated Acoustic-Gamma Ray Caliper Log * (integrated)	TD to 8400 (2" and 5" scale) on 40-90-140 sensitivity. Repeat bottom 200' of section. *Run caliper log into casing shoe
3.	Densilog	TD to 8400' (2" and 5" scale). Repeat bottom 200' of section
		Rerun caliper 6800-6600

Remarks: Obtain seven field prints of each log

ABANDONMENT PLUGS

Plug No. 1

100' plug on bottom. 25 sax cement (4.5 bbls. slurry) with 0.2% D8R (retarder). Thickening time +6 hours.

Plug No. 2

7640' to 7480' (to isolate Chazy formation) 45 sax (8 bbls. slurry) cement. WOC 8 hours and feel.

DST for Trenton

Run hook wall packer to test interval below 6545'. Test as per instructions. Depending on results of this test, continue with abandonment program as described below.

Plug No. 3

6740-6150' (across intermediate casing shoe and perforations). 141 saxs retarded cement (25 bbls. slurry). WOC 8 hours and feel.

Bridge Plug

Set a bridge plug at 4950± to isolate lower section of casing from pressures expected during following DST. Displace 50 sacks cement plug on top of bridge plug.

DST for 4700' zone

Perforate at 4700 to 4720' with 2 shots per foot, 4720-4745' with 1 shot per foot. Note this zone required 15+ ppg mud weight when drilled.

Set Baker retrievamatic at 4685± and open DST tool.

Keep Division informed as the test proceeds. Depending on results of this test, continue with abandonment program as described below.

Plug Perfs

Attempt to squeeze perforations. Failing a successful squeeze, set a cement plug across the perfs. Squeeze attempt should be done through drill pipe upon which blind rams are closed. Do not exceed the working pressure of the BOP stack (i.e. 3000 psi). Record surface pressure reached and mud weight in hole during squeeze attempt.

RETRIEVING INTERMEDIATE CASING

1. Determine free point forthe 7-5/8" intermediate casing. Cement bond log indicated bonding below 460' as follows:
   460' - 500'
   600' - 640'
   1100' - 1140' and below

2. Cut 7-5/8" intermediate casing at least 250' below surface and not more than 1000' below surface (preferred range 600'-1000') and retrieve, if freepoint indicates successful retrieval is possible. Contact Division if retrieval unlikely.

3. Set bridge plug in 9-5/8" surface casing just above top of 7-5/8" casing.

4. Set 100' cement plug on top of bridge plug. W.O.C. 8 hours and feel.

SURFACE PLUGS

10 sack plug at surface.
5 sack plug in mousehole.
5 sack plug in rathole.
Cement 5 SRS holes.

Casings are to be cut 3' below original ground level. Weld on 1/4" steel plate. Fill in hole and erect well sign.

Concur W B Hickman Date _____

Concur _____ Date _____

Concur _____ Date 4/6/72

JKL/br

A161

PROVINCE OF QUEBEC

Department of Natural Resources

MINING ACT

Notice of intention to abandon a well or ~~suspend drilling~~

Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Documentation Technique

DATE: _____

No. G.M.: 27632

To the Deputy Minister
Department of Natural Resources,
Quebec.

We hereby declare that we have complied in every way with the Petroleum and Natural Gas Regulations, and we wish to secure your permission to abandon (X) or suspend ( ), on or about the 17th day of April 19 72, the well known as: SHELL STE. FRANCOISE ROMAINE NO. 1 No. 1
on Lot No. 723-200 Range XI
Township or Seigniory Official Cadastre Parish of St. Jean - Deschaillons
County of Lotbiniere Exploration License No. 197
covered by Operating Lease No. _____
Drilling Permit No. _____
Reasons for abandonment or suspension of drilling: objective geological section fully penetrated.

The following equipment: (rig, derrick, casing) will be removed to SHELL ST. FLAVIEN NO. 1

Oil, gas and water were encountered and will be shut off as follows:-
Oil:- Nil

Gas:- encountered at 4700 Cement plug from 4245 to 4815

Water:- Nil

Safeguarding of oil and gas:- _____

The depth drilled to was 9385 feet and the following casings were inserted:-

String	Diameter	Weight	Free, set or cemented	Depth feet	Intention to withdraw, feet
1st	20"	53#	Cemented	177	NIL
2nd	9-5/8"	36#	Cemented	1926	NIL
3rd	7-5/8"	29.7#	Cemented	6561	118 ft. from surface
4th					

The following logs have been run Dual Induction, Acoustilog, Densilog, Minilog, Diplog, Bondlog
Other operations proposed Nil

Operation to be carried out by Regent Drilling Ltd.
Address Calgary, Alberta
Responsible agent in the field Ron Schaffrick
Dated at Calgary this 12 day of May 19 72
Signed by _____ Title Manager, Frontier Div. Production
Company Shell Canada Ltd.
Note: The Minister must be notified before work is commenced.

(For Department of Natural Resources use only)

APPROVAL

This application has been examined and proposed program approved, subject to the following conditions:

Dated _____, 19 _____

Department of Natural Resources

Ministère des Richesses Naturelles, Québec
SERVICE DE LA
DOCUMENTATION TECHNIQUE
Date: 28 OCT 1971
No GM: ~~31965~~ 27632
A161

PROVINCE OF QUEBEC

Department of Natural Resources

Mining Act

APPLICATION FOR PERMIT TO DRILL NEW WELL

(This application in triplicate, completed fully, accompanied by two copies of a plan showing the exact location at which it is proposed to drill the well or test-hole shall be submitted and approved before commencing the operations).
Pursuant to the Mining Act and the Petroleum and Natural Gas Regulations and orders thereunder, application is hereby made for a permit to drill:

~~Shell Villeroy No. 1~~ Shell Ste Francoise-Romaine
(Name and number of well)

By Shell Quebec Limitee (Registered address is 1 Place Ville-Marie, Montreal, Quebec)
(Name and address of well owner)

on lot No. 723-200 Range XI
Township or Seigniory Official Cadastre of Parish St.-Jean-Deschaillons Parish: Ste Francoise-Romaine

County of Lotfiniere Covered by Exploration Licence ( ) No. 197
Operating Lease ( ) No. n/a

The proposed well will be located at
(appropriate coordinates)
Longitude: 71°-54'-57" W Latitude: 46°-28'-25" N

Ground elevation 285 feet above Sea Level

Type of drilling rig Rotary New or used Used

CASING:	Diameter	Weight	Brand	New or Used	Depth Feet	Sacks of cement
1st	20"	53#/ft.		New	100	To surface
2nd	13 3/8"	54.5#/ft. or 9 5/8"-36#/ft. Contingent on setting depth. To surface Setting depth 1,200 to 2,000 feet.				
3rd	7 5/8" if required. Design contingent on mud weight and formation pressures					

Expected Water, Petroleum and Natural Gas Horizon and Method of Control:

Lower Trenton at 7,850, Chazy at 8,200', Beekmantown at 8,800' and Basal Clastics at 9,500'. (anticipate total depth at 11,000'). To be controlled by sufficient mud weight and if necessary, by blowout preventers.

The well is to be drilled by Regent Drilling Limited
(name of contractor)

Name and Post Office address of Operator's Agent and Representative
J. E. Czaja
c/o Shell Canada Ltd.
Box 880, Calgary

Name of Operator
Shell Canada Limited

Signed by J Czaja
Title Frontier Div. Production Manager
Date Oct 1 19 71

(For Department of Natural Resources use only)
APPROVED

Permit No.

This application has been examined and approved subject to the following conditions:-

Dated 19

(Department of Natural Resources)

PRM-197
Deschaillons Seig

CORE ANALYSIS REPORT

FOR

SHELL CANADA LIMITED

SHELL STE. FRANCOISE ROMAINE NO. 1
QUEBEC

Ministère des Richesses Naturelles, Québec
SERVICE DE LA
DOCUMENTATION TECHNIQUE
Date: 2 MAI 1971
No GM: 27632

CORE LABORATORIES - CANADA LTD.
Petroleum Reservoir Engineering
CALGARY - EDMONTON - REGINA

CORE LABORATORIES – CANADA, LTD.
CALGARY, ALBERTA

COMPANY SHELL CANADA LIMITED
WELL SHELL STE. FRANCOISE ROMAINE NO. 1
FIELD
LOCATION

FORMATION
DRILLING FLUID WATER BASE MUD
ELEVATION
ANALYSIS FULL DIAMETER
REMARKS ALL SAMPLES SANDBLASTED PRIOR TO KH ANALYSIS

PAGE 1 OF 1
FILE 913-284
DATE REPORT MAR. 10/72
ANALYSTS SP, BK

AST - APPEARS SIMILAR TO
* - BROKEN CORE
K90 - USED FOR SUMMARY PURPOSES
** - PERMEABILITY > 30000 MD
FS - FINE SAND
MS - MEDIUM SAND
CS - COURSE SAND
CONG - CONGLOMERATE
DOL - DOLOMITE
SH - SHALE
LMY - LIMY
SHY - SHALY
/BK - BREAK
BIT - PYROBITUMEN
CARB - CARBONACEOUS
A - ANHYDRITE
FOSS - FOSSILIFEROUS
XLN - CRYSTALLINE
LAM - LAMINATIONS
V - VUGULAR
LV - LARGE VUGS
SV - SMALL VUGS
PPV - PIN POINT VUGS
I - INTERGRANULAR
STY - STYOLITIC
HF - HORISONTAL FRACTURE
VF - VERTICAL FRACTURE
SS - SMALL SAMPLE
SL - SLIGHTLY
V - VERY
W - WITH

SAMPLE NUMBER	INTERVAL REPRESENTED FEET		PERMEABILITY TO AIR MILLIDARCYS			PERMEABILITY FEET	POROSITY %	POROSITY FEET	DENSITY		VISUAL EXAMINATION
	DEPTH	THICK	KMAX	K90°	KV				BULK	GRAIN	
	CORED INTERVAL 8425 - 8439										
	CORE NO. 2 8425 - 8439 REC. 14.0' 3 BOXES										
1	8425.0-25.7	.7	.04	-0.1	-0.1	.03	1.9	1.33	2.60	2.65	FS SILTY
2	8425.7-26.1	.4	1.42	1.24	.04	.57	8.0	3.20	2.43	2.64	FS
3	8426.1-26.6	.5	.03	-0.1	-0.1	.02	4.3	2.15	2.52	2.63	FS SILTY
4	8426.6-27.0	.4	.06	-0.1	-0.1	.02	1.9	.76	2.58	2.63	FS SILTY
5	8427.0-28.0	1.0	.32	.30	-0.1	.32	2.3	2.30	2.57	2.63	FS
6	8428.0-28.4	.4	.18	.18	-0.1	.07	2.0	.80	2.64	2.69	FS SHY
7	8428.4-29.1	.7	-0.1	-0.1	-0.1	-	3.4	2.38	2.54	2.63	FS SILTY
8	8429.1-29.8	.7	.05	-0.1	-0.1	.04	4.0	2.80	2.52	2.63	FS SILTY
9	8429.8-30.6	.8	.30	.19	-0.1	.24	5.5	4.40	2.49	2.63	FS
10	8430.6-31.5	.9	-0.1	-0.1	-0.1	-	4.1	3.69	2.52	2.62	FS SILTY
11SS	8431.5-31.7	.2	-0.1	-	-	-	3.4	.68	-	-	FS SHY
12	8431.7-32.6	.9	-0.1	-0.1	-0.1	-	3.7	3.33	2.52	2.62	FS SILTY
13	8432.6-33.8	1.2	.02	.02	-0.1	.02	4.5	5.40	2.51	2.62	FS SILTY
14	8433.8-34.6	.8	-0.1	-0.1	-0.1	-	3.3	2.64	2.53	2.62	FS SILTY
15	8434.6-35.5	.9	-0.1	-0.1	-0.1	-	3.3	2.97	2.53	2.62	FS SILTY
16	8435.5-36.4	.9	-0.1	-0.1	-0.1	-	3.7	3.33	2.52	2.62	FS SILTY
17	8436.4-37.4	1.0	-0.1	-0.1	-0.1	-	4.1	4.10	2.52	2.63	FS SILTY
18	8437.4-37.9	.5	-0.1	-0.1	-0.1	-	1.9	.95	2.63	2.68	FS SHY
19	8437.9-39.0	1.1	.17	.17	-0.1	.19	5.5	6.05	2.48	2.63	FS SILTY

Ministère des Richesses Naturelles, Québec
SERVICE DE LA
DOCUMENTATION TECHNIQUE
Date: 2 MAI 1972
No GM: 27632

A161

Ministère des Richesses Naturelles, Québec
SERVICE DE LA
DOCUMENTATION TECHNIQUE
Date:
No GM: 27632

SHELL ØIL CØ -- SHELL STE FRANCOISE RØMAINE #1 -- QUEBEC CANADA

DEPTH	ANG	DIR	H.DIST	TVD	N-S	E-W	N-S	E-W
1928	0.8	165.	0.0	1928.0	0.0	0.0	0.0	0.0
2000	0.5	160.	0.6	2000.0	-0.6	0.2	-0.6	0.2
2100	0.5	165.	0.9	2100.0	-0.8	0.2	-1.4	0.4
2200	0.5	170.	0.9	2200.0	-0.9	0.2	-2.3	0.6
2300	0.0	205.	0.0	2300.0	0.0	0.0	-2.3	0.6
2400	0.6	265.	1.0	2400.0	-0.1	-1.0	-2.4	-0.5
2500	1.6	270.	2.8	2499.9	-0.0	-2.8	-2.4	-3.2
2600	3.0	270.	5.2	2599.8	-0.0	-5.2	-2.4	-8.5
2700	4.3	275.	7.5	2699.5	0.7	-7.5	-1.7	-15.9
2800	4.5	275.	7.8	2799.2	0.7	-7.8	-1.0	-23.8
2900	6.0	290.	10.5	2898.7	3.6	-9.8	2.5	-33.6
3000	6.2	280.	10.8	2998.1	1.9	-10.6	4.4	-44.2
3100	6.8	270.	11.8	3097.4	-0.0	-11.8	4.4	-56.1
3200	5.5	330.	9.6	3196.9	8.3	-4.8	12.7	-60.9
3300	6.3	320.	11.0	3296.3	8.4	-7.1	21.1	-67.9
3400	6.5	315.	11.3	3395.7	8.0	-8.0	29.1	-75.9
3500	6.5	310.	11.3	3495.0	7.3	-8.7	36.4	-84.6
3600	6.8	315.	11.8	3594.3	8.4	-8.4	44.8	-93.0
3700	7.1	315.	12.4	3693.6	8.7	-8.7	53.5	-101.7
3800	7.3	320.	12.7	3792.8	9.7	-8.2	63.2	-109.9
3900	7.5	320.	13.1	3891.9	10.0	-8.4	73.2	-118.3
4000	7.5	315.	13.1	3991.0	9.9	-9.3	83.1	-127.5
4100	7.5	320.	13.1	4090.0	10.4	-8.7	93.5	-136.2
4200	7.5	320.	13.1	4189.2	10.0	-8.4	103.5	-144.6
4300	7.4	325.	12.9	4288.4	10.5	-7.4	114.1	-152.0
4400	7.3	325.	12.7	4387.5	10.4	-7.3	124.5	-159.3
4500	7.5	325.	13.1	4486.7	10.7	-7.5	135.2	-166.8
4600	7.3	320.	12.7	4585.9	9.7	-8.2	144.9	-175.0
4700	6.8	320.	11.8	4685.2	9.1	-7.6	154.0	-182.6
4800	6.8	320.	11.8	4784.5	9.1	-7.6	163.1	-190.2
4900	6.6	320.	11.5	4883.8	8.8	-7.4	171.9	-197.6
5000	6.5	315.	11.3	4983.2	8.0	-8.0	179.9	-205.6
5100	6.3	315.	11.0	5082.6	7.8	-7.8	187.6	-213.3

5200	6.0	315.	10.5	5182.0	7.4	-7.4	195.0	-220.7
5300	6.0	315.	10.5	5281.5	7.4	-7.4	202.4	-228.1
5400	5.9	305.	10.3	5380.9	5.9	-8.4	208.3	-236.5
5500	5.6	300.	9.8	5480.5	4.9	-8.5	213.2	-245.0
5600	5.5	305.	9.6	5580.0	5.5	-7.9	218.7	-252.8
5700	5.5	300.	9.6	5679.5	4.8	-8.3	223.5	-261.1
5800	5.5	290.	9.6	5779.1	3.3	-9.0	226.7	-270.2
5900	5.3	255.	9.2	5878.7	-2.4	-8.9	224.4	-279.1
6000	4.8	245.	8.4	5978.3	-3.5	-7.6	220.8	-286.7
6100	5.0	260.	8.7	6077.9	-1.5	-8.6	219.3	-295.2
6200	5.1	235.	8.9	6177.5	-5.1	-7.3	214.2	-302.5
6300	5.0	240.	8.7	6277.1	-4.4	-7.5	209.8	-310.1
6400	4.7	235.	8.2	6376.8	-4.7	-6.7	205.1	-316.8
6500	4.8	230.	8.4	6476.5	-5.4	-6.4	199.8	-323.2
6600	6.0	215.	10.5	6575.9	-8.6	-6.0	191.2	-329.2
6700	5.2	215.	9.1	6675.5	-7.4	-5.2	183.8	-334.4
6800	5.3	220.	9.2	6775.1	-7.1	-5.9	176.7	-340.3
6900	5.0	235.	8.7	6874.7	-5.0	-7.1	171.7	-347.5
7000	4.9	230.	8.5	6974.3	-5.5	-6.5	166.2	-354.0
7100	4.1	240.	7.1	7074.1	-3.6	-6.2	162.6	-360.2
7200	4.5	235.	7.8	7173.8	-4.5	-6.4	158.1	-366.6
7300	4.2	235.	7.3	7273.5	-4.2	-6.0	153.9	-372.6
7400	3.9	235.	6.8	7373.3	-3.9	-5.6	150.0	-378.2
7500	3.9	210.	6.8	7473.0	-5.9	-3.4	144.1	-381.6
7600	3.3	225.	5.8	7572.9	-4.1	-4.1	140.1	-385.7
7700	2.8	240.	4.9	7672.7	-2.4	-4.2	137.6	-389.9
7800	1.6	230.	2.8	7772.7	-1.8	-2.1	135.8	-392.0
7900	1.2	180.	2.1	7872.7	-2.1	0.0	133.7	-392.0
8000	0.5	205.	0.9	7972.7	-0.8	-0.4	133.0	-392.4
8100	0.5	225.	0.9	8072.7	-0.6	-0.6	132.3	-393.0
8200	0.0	240.	0.0	8172.7	0.0	0.0	132.3	-393.0
8300	3.6	200.	6.3	8272.5	-5.9	-2.1	126.4	-395.2
8400	4.0	185.	7.0	8372.2	-6.9	-0.6	119.5	-395.8
8464	3.7	150.	4.1	8436.1	-3.6	2.1	115.9	-393.7

EAST WEST DEVIATION = 393.707 W
NORTH SOUTH DEVIATION = 115.911 N
DIRECTION = N 73.60 W
DISTANCE = 410.42



GM-27132

/

A161

LYNES

BRIGHT NAME IN THE OIL PATCH

Inflatable and Conventional Packer Tools



DRILL STEM TEST
TECHNICAL SERVICE REPORT

NOMENCLATURE (Definition of Symbols)

Q	=	average production rate during test, bbls./day
Q_g	=	measured gas production rate during test, MCF/day
k	=	permeability, md
h	=	net pay thickness, ft. (when unknown, test interval is chosen)
μ	=	fluid viscosity, centipoise
Z	=	compressibility factor
T_f	=	reservoir temperature, ° Rankine
m	=	slope of final SIP buildup plot, psig/cycle (psig²/cycle for gas)
b	=	approximate radius of investigation, feet
r_w	=	wellbore radius, feet
t_o	=	total flowing time, minutes
P_o	=	Extrapolated maximum reservoir pressure, psig
P_f	=	final flowing pressure, psig
P.I.	=	productivity index, bbls./day/psi
$P.I._t$	=	theoretical productivity index with damage removed, bbl./day/psi
D.R.	=	damage ratio
E.D.R.	=	estimated damage ratio
AOF	=	absolute open flow potential, MCF/D
AOF_t	=	theoretical absolute open flow if damage were removed
$\bar{Z}$	=	subsea depth
W	=	water gradient based on salinity
H_w	=	potentiometric surface

In making any interpretation, our employees will give Customer the benefit of their best judgment as to the correct interpretation. Nevertheless, since all interpretations are opinions based on inferences from electrical, mechanical or other measurements, we cannot, and do not, guarantee the accuracy or correctness of any interpretations, and we shall not be liable or responsible, except in the case of gross or wilful negligence on our part, for any loss, costs, damages or expenses incurred or sustained by Customer resulting from any interpretation made by any of our agents or employees.

DEFINITION OF SYMBOLS

WELL NAME - SHELL STE FRANCOISE ROMAINE

LOCATION - NO1

DST NUMBER - 1

INTERVAL TESTED - 4700 TO 4902

RECORDER NO. - 917

DEPTH - 4695

INITIAL SHUT IN PRESSURE

TIME(MIN) Φ	T + Φ / Φ	PSIG	PSIG**2 /10**6
0	0.0000	2161	4.670
5	2.0000	3426	11.737
10	1.5000	3443	11.854
15	1.3333	3457	11.951
20	1.2500	3473	12.062
25	1.2000	3484	12.138
30	1.1667	3490	12.180
35	1.1429	3493	12.201
40	1.1250	3499	12.243
45	1.1111	3504	12.278
50	1.1000	3510	12.320
55	1.0909	3513	12.341
60	1.0833	3516	12.362

EXTRAPOLATION OF INITIAL SHUT-IN = 3548.23

Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Documentation Technique

DATE:

No. G.M.: 27632

WELL NAME - SHELL STE FRANCOISE ROMAINE

LOCATION - NO1

DST NUMBER - 1

INTERVAL TESTED - 4700 TO 4902

RECORDER NO. - 917

DEPTH - 4695

SECOND SHUT IN PRESSURE

TIME(MIN) Φ	T + Φ / Φ	PSIG	PSIG**2 /10**6
0	0.0000	598	0.358
7	14.5714	2065	4.264
14	7.7857	2127	4.524
21	5.5238	2176	4.735
28	4.3929	2220	4.928
35	3.7143	2264	5.126
42	3.2619	2310	5.336
49	2.9388	2351	5.527
56	2.6964	2384	5.683
63	2.5079	2415	5.832
70	2.3571	2445	5.978
77	2.2338	2474	6.121
84	2.1310	2494	6.220
91	2.0440	2518	6.340
98	1.9694	2535	6.426
105	1.9048	2561	6.559

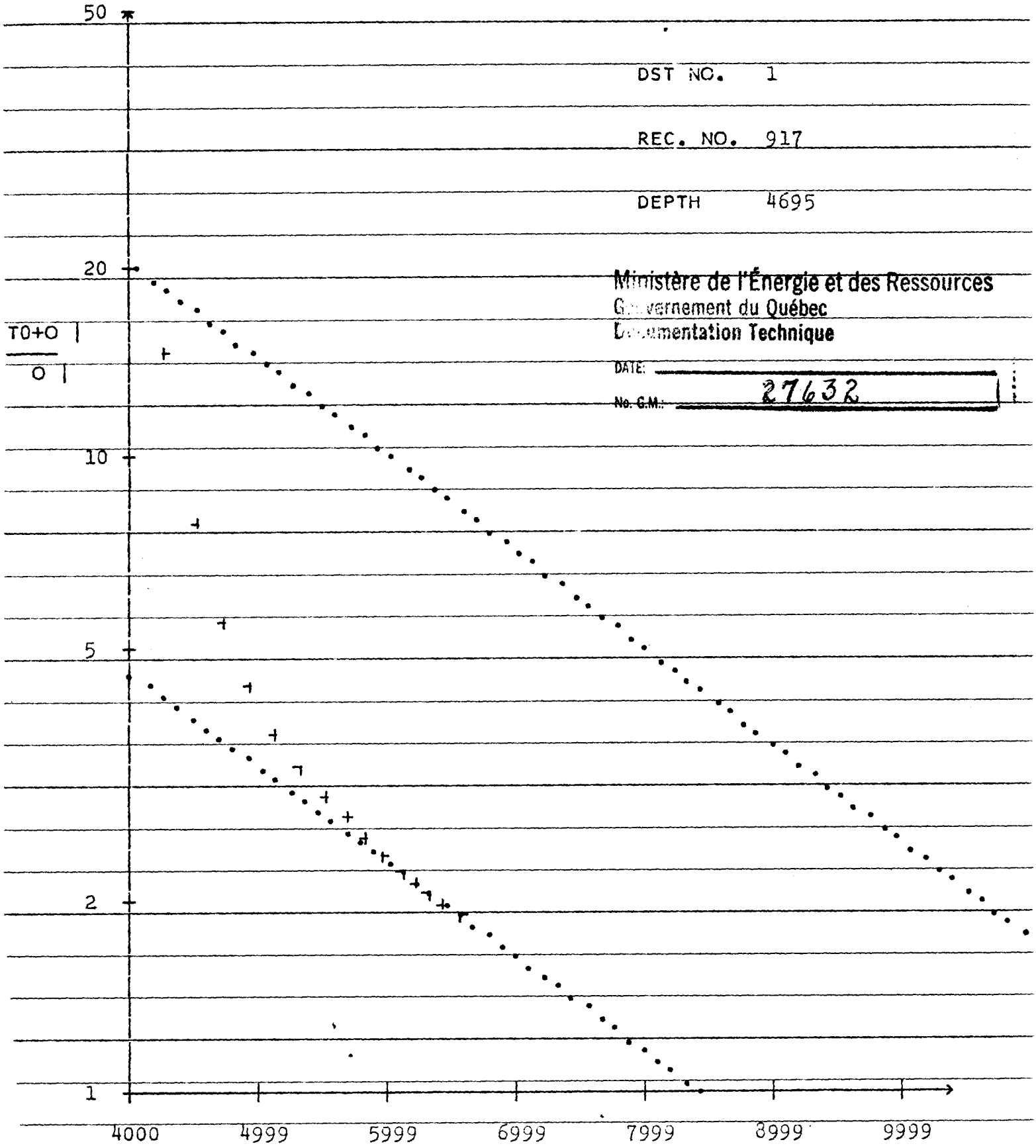
EQUATION OF FITTED LINE IS LOG((T0+Φ)/Φ)= -0.14962 PSIG**2/10**6 + 1.2

EXTRAPOLATION OF SECOND SHUT-IN = 2903.28 M=6683630.00

RESERVOIR PARAMETERS:

RESERVOIR TE=	0.000	BTTM HOLE TE=	0.000	SPEC GRAVITY=	0.000
VISCOSITY =	0.000	Z FACTOR =	0.000	DST GAS RATE=	0.000
WELL RADIUS =	0.000	PAY THICKNES=	0.000	SUBSEA DEPTH=	0.000
WATER GRADIE=	0.000				

Ministère de ... 1983
Gouvernement du Québec
Documentation Tech...
27632



DST NO. 1

REC. NO. 917

DEPTH 4695

Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Documentation Technique
DATE:
No. G.M.: 27632

PRESSURE EXTRAPOLATION PLOT

LYNES UNITED SERVICES LTD.

TEST DATA						GENERAL INFORMATION	
Test No.	1	Lynes Test	1				
Formation		T.D.	4902	Ft.	Company	Shell Oil Canada Ltd.	
Interval Tested	4700 Ft. to	4902		Ft.	Address	8th Floor	
Feet of Net Pay Tested	202			Ft.		Standard Life Building	
Type of Test	Bottom Hole Conv.					Calgary, Alberta	
Cushion	water	Amount	2500	Ft.	Well Name	Shell Ste. Francoise Romaine	
Started in Hole at	2:00 Hrs.	Tool Open at	6:05	Hrs.	Well Number	No. 1	
Pre-Flow	5 Mins.	Initial Shut-in	60	Mins.	K.B. Elevation	Sub-Sea Elevation	
2nd Flow	Mins.	Second Shut-in		Mins.	Area	Ste. Francoise Province Que.	
Final Flow	90 Mins.	Final Shut-in	102	Mins.	Company Rep.	R. Shaffer	
Remarks:					Tester	H. McKinlay	
					Contractor	Regent Rig No. 6	
					Ticket No.	3659 Date Dec 12/71	
Blow:	Good initial puff. Gas to surface in 3 minutes. Gas blow good at start of flow, slowly decreasing and holding steady for the last 20 mins.				Service Reports To:	7 - above address Attn: Mr. F. Budda	

GAS BLOW MEASUREMENTS

Measured with

Time	Surface Choke	Reading Inches	Cubic Feet/Day
			4.59 MMcf/d
			2.63 MMcf/d
			at end of test.

MUD AND HOLE DATA

Mud Type	Gel Chem				
Weight	15.4	Viscosity	68	Water Loss	
Filter Cake	2/32"	Bottom Hole Temperature			
Drill Pipe Size	4 1/2" XH			Weight	
Drill Collars	5"H90	I.D.		Feet Run	541
Main Hole or Casing Size	8 3/4"				
Rathole or Liner Size				No. of Feet	
Bottom Hole Choke Size	1/2"				
Surface Choke Size					
Packer Rubber Size	7 3/4"				

REMARKS

Shut-in pressures suggest relatively low permeability within the interval tested, with a limited reservoir also suggested.

Ministère des Richesses naturelles
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RECOVERY

TOTAL FLUID RECOVERED 270 Ft. Consisting of:

270 Ft. of drilling mud
Ft. of
Ft. of
Ft. of

Test was/was not Reverse Circulated

Oil Recovery A.P.I. Water Specific Gravity

Salinity

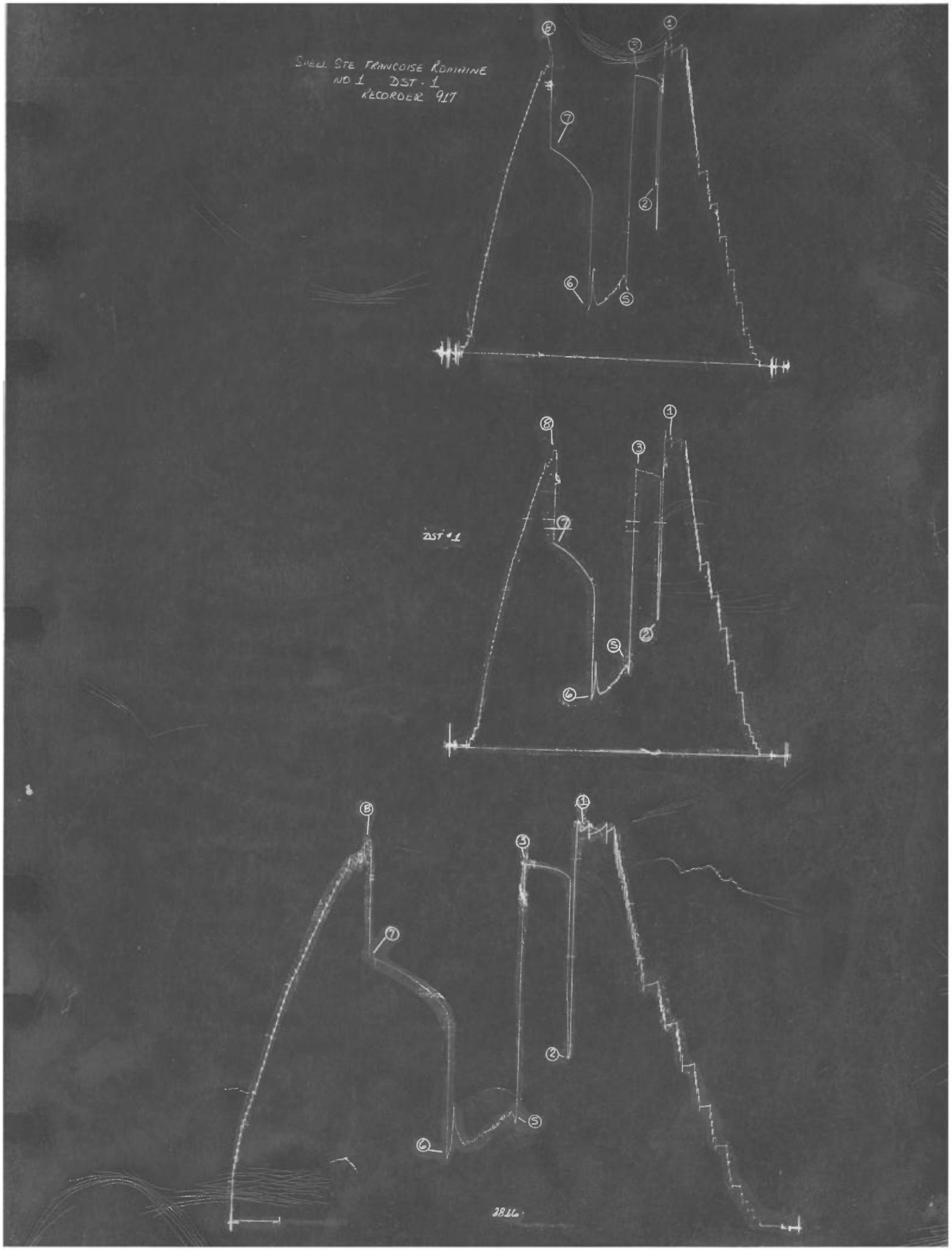
PRESSURE READINGS

	Inside X Outside	Inside X Outside	Inside Outside X	Inside Outside
Recorder No.	917	717	2816	
Capacity	5800	5800	4600	
Depth	4695	4690	4715	

NUMBER KEY:

1 - INITIAL HYDROSTATIC	3822	3869	3847	
2 - PRE-FLOW	2161	1657	1630	
3 - INITIAL SHUT-IN	3516	3523	3543	
4a - 2nd INITIAL FLOW				
4b - 2nd FINAL FLOW				
4c - 2nd SHUT-IN				
5 - 3rd INITIAL FLOW	938	982	987	
6 - FINAL FLOW	598	634	624	
7 - FINAL SHUT-IN	2561	2565	2600	
8 - FINAL HYDROSTATIC	3696	3718	3743	

Shell Oil Canada Ltd. c — Company
Shell Ste. Francoise Romaine #1 — Well Name and Description
#1 — Test No.
Dec 12/71 — Date of Test

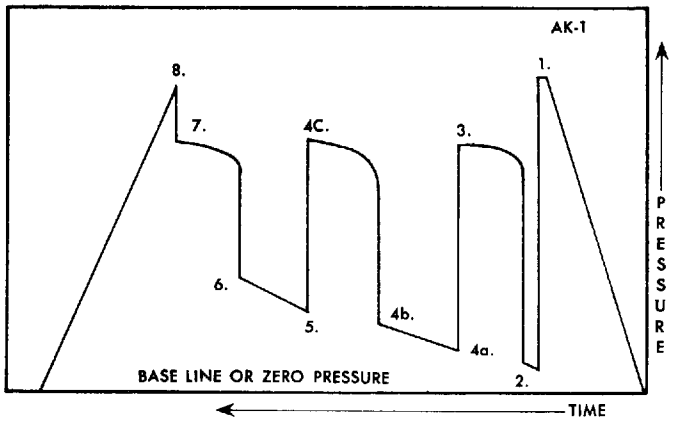

SHELL STE FRANCOISE ROMAINE
NO 1 DST - 1
RECORDER 917
DST #1
3816

GM-27632

LYNES

GUIDE TO INTERPRETATION AND IDENTIFICATION OF LYNES DRILL STEM TEST PRESSURE CHARTS

AK-1 recorders. Read from right to left.

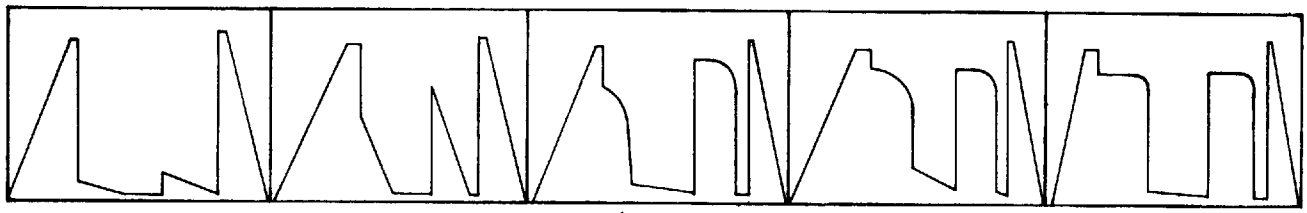


K-K-3 recorders. Read from left to right.

1. INITIAL HYDROSTATIC MUD PRESSURE
2. PRE-FLOW
3. INITIAL SHUT-IN
4a. 2nd INITIAL FLOW
4b. 2nd FINAL FLOW
4c. 2nd SHUT-IN
5. 3rd INITIAL FLOW
6. FINAL FLOW
7. FINAL SHUT-IN
8. FINAL HYDROSTATIC MUD PRESSURE

N.B. When only two shut-in and flow periods are run, 4a, 4b and 4c are omitted.

Typical charts for visual field analysis ranging from very low to high permeability.



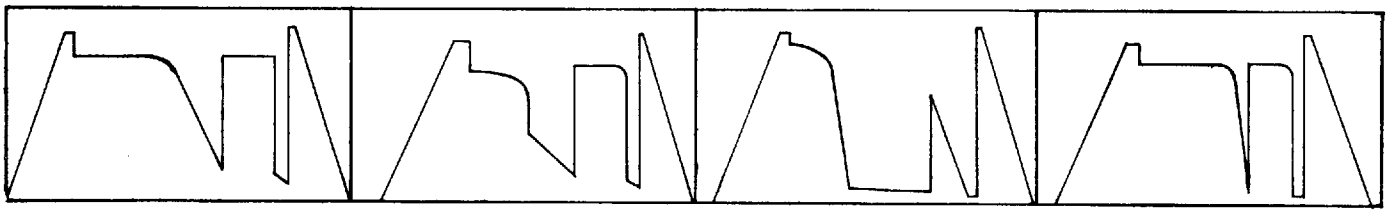
Very low permeability. Usually only mud recovered from interval tested. Virtually no permeability.

Slightly higher permeability. Again usually mud recovered.

Slightly higher permeability. Small recovery, less than 200' ft).

Average permeability. Final and initial shut-ins differ by 50 psi.

Average permeability. Strong damage effect. High shut-in pressure, low flow pressure.



Excellent permeability where final flow final shut-in pressure.

High permeability where ISIP and FSIP are within 10 psi.

Deep well bore invasion or damage. Final shut-in higher than the initial shut-in.

Tight hole chamber tester. Permeability very difficult to interpret unless the recovery is less than chamber length. Flow pressure builds up rapidly if recovery is large, similar to a shut-in.

LYNES UNITED SERVICES LTD.

TEST DATA						GENERAL INFORMATION			
Test No.	2		Lynes Test	2					
Formation	Trenton		T.D.	7116	Ft.	Company	Shell Canada Ltd.		
Interval Tested	6695	Ft. to	7116		Ft.	Address	Box 880		
Feet of Net Pay Tested	421				Ft.		Calgary, Alberta		
Type of Test	Conv Bottom Hole								
Cushion	water		Amount	3565	Ft.	Well Name	Shell Ste. Francoise Romaine		
Started in Hole at	3:45	Hrs.	Tool Open at	8:15	Hrs.	Well Number	46o 28' 71o 54'		
Pre-Flow	Mins.		Initial Shut-in		Mins.	K.B. Elevation	298.7	Sub-Sea Elevation	
2nd Flow	Mins.		Second Shut-in		Mins.	Area	Wildcat	Province	Quebec
Final Flow	Mins.		Final Shut-in		Mins.	Company Rep.	B. Magnan		
Remarks:						Tester	V. Sale		
						Contractor	Regent	Rig No.	6
						Ticket No.	4159	Date	Jan 28/72
Blow:						Service Reports To:			
							7 - above address		
							Attn. Mr. F. Budda		

GAS BLOW MEASUREMENTS			
Measured with			
Time	Surface Choke	Reading Inches	Cubic Feet/Day

MUD AND HOLE DATA					
Mud Type	Gel Chem				
Weight	14.3	Viscosity	63	Water Loss	16.
Filter Cake	2/32"	Bottom Hole Temperature			
Drill Pipe Size	3 1/2IF			Weight	15.5
Drill Collars	3 1/2IF	I.D.	2 7/8	Feet Run	250
Main Hole or Casing Size	6 3/4"				
Rathole or Liner Size				No. of Feet	
Bottom Hole Choke Size	1/2"				
Surface Choke Size	1"				
Packer Rubber Size	5 1/2"				
REMARKS	Misrun. Opened tool twice with no seat.				

RECOVERY

TOTAL FLUID RECOVERED 3565 Ft. Consisting of:

3565 Ft. of water cushion

Ft. of

Ft. of

Ft. of

Test was/was not Reverse Circulated

Oil Recovery A.P.I. Water Specific Gravity

Salinity

Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Documentation Technique

DATE:

No. G.M.: 27632

PRESSURE READINGS

	Inside / Outside	Inside / Outside	Inside / Outside	Inside / Outside
Recorder No.	7753	3475	3476	
Capacity	8000	8000	8000	
Depth				

NUMBER KEY:

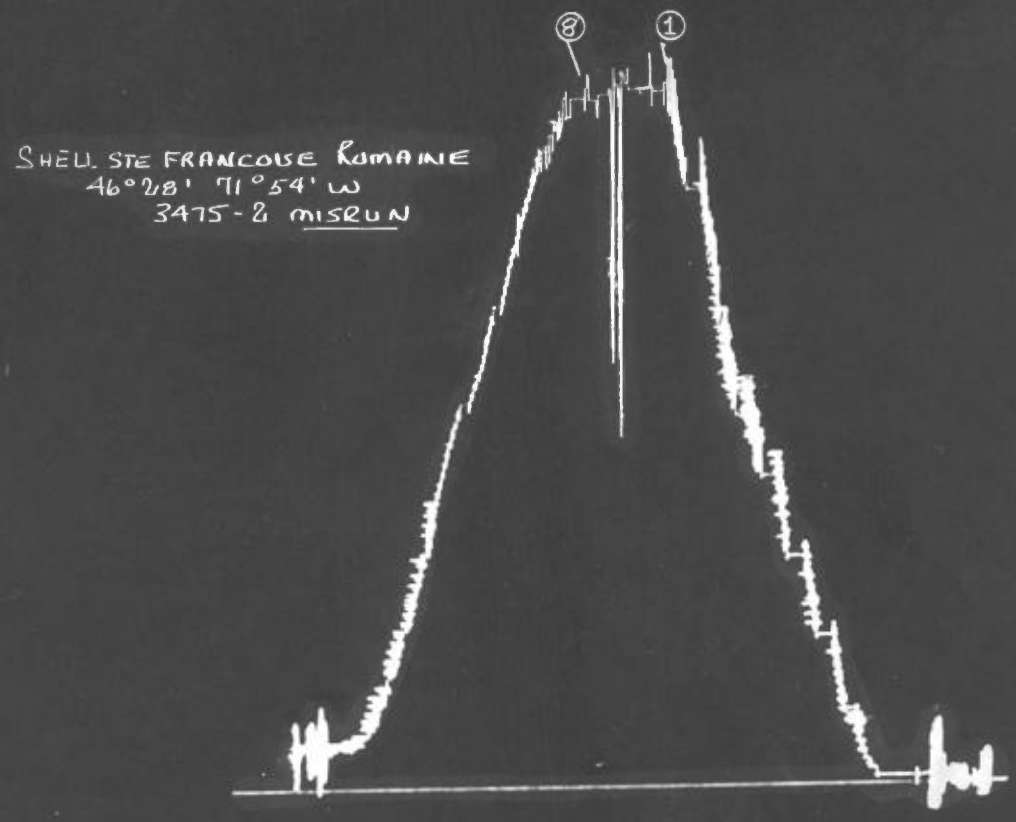
1 - INITIAL HYDROSTATIC	stylus malfunctioned	5159	5121	
2 - PRE-FLOW				
3 - INITIAL SHUT-IN				
4a - 2nd INITIAL FLOW		misrun	misrun	
4b - 2nd FINAL FLOW				
4c - 2nd SHUT-IN				
5 - 3rd INITIAL FLOW				
6 - FINAL FLOW				
7 - FINAL SHUT-IN				
8 - FINAL HYDROSTATIC		5119	5092	

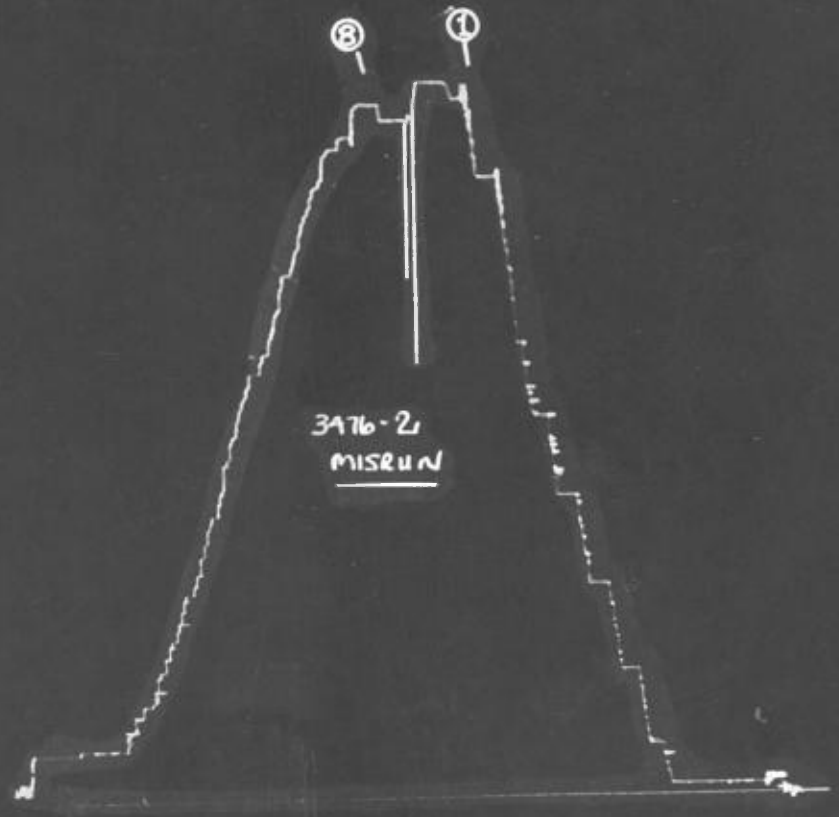
Company: Shell Canada Ltd.

Well Name and Description: Shell Ste. Francoise Romaine 46o28'71o54'

Test No.: #2

Date of Test: Jan 28/72


8
1
SHELL STE FRANCOISE ROMAINE
46°28' 71°54' W
3475-2 MISRUN


8
1
3476-2
MISRUN

CA27632

LYNES UNITED SERVICES LTD.

TEST DATA				GENERAL INFORMATION	
Test No.	2A	Lynes Test	2A		
Formation	Trenton	T.D.	7122 Ft.	Company	Shell Oil Canada Ltd.
Interval Tested	6444 Ft. to	7122	Ft.	Address	
Feet of Net Pay Tested	678		Ft.		
Type of Test	Bottom Hole				
Cushion	water	Amount	2000 Ft.	Well Name	Shell Ste. Francoise Romaine
Started in Hole at	3:00 Hrs.	Tool Open at	9:28 Hrs.	Well Number	#1
Pre-Flow	2 Mins.	Initial Shut-in	60 Mins.	K.B. Elevation	298.7 Sub-Sea Elevation
2nd Flow	Mins.	Second Shut-in	Mins.	Area	Wildcat Province Que
Final Flow	75 Mins.	Final Shut-in	150 Mins.	Company Rep.	B. Magnan
Remarks:				Tester	V. Sale
				Contractor	Regent Rig No. 6
				Ticket No.	4152 Date Feb 3/72
Blow:	Fair air blow on preflow.			Service Reports To:	
	Final flow - fair air blow				7 - above address
	dead in 60 minutes.				

GAS BLOW MEASUREMENTS			
Measured with	no gas to surface.		
Time	Surface Choke	Reading Inches	Cubic Feet/Day

MUD AND HOLE DATA	
Mud Type	Gel Chem
Weight	14.3 Viscosity Water Loss
Filter Cake	2/32" Bottom Hole Temperature
Drill Pipe Size	3 1/2IF Weight
Drill Collars	3 1/2IF I.D. 2 3/8" Feet Run 624
Main Hole or Casing Size	6 3/4"
Rathole or Liner Size	No. of Feet
Bottom Hole Choke Size	1/2"
Surface Choke Size	1"
Packer Rubber Size	
REMARKS	Shut-in pressures suggest low permeability within the interval tested.

RECOVERY		
TOTAL FLUID RECOVERED	3100	Ft. Consisting of:
2000	Ft. of	water cushion
1100	Ft. of	gas cut mud
	Ft. of	
	Ft. of	
Test was/was not Reverse Circulated		
Oil Recovery A.P.I.	Water Specific Gravity	
Salinity		

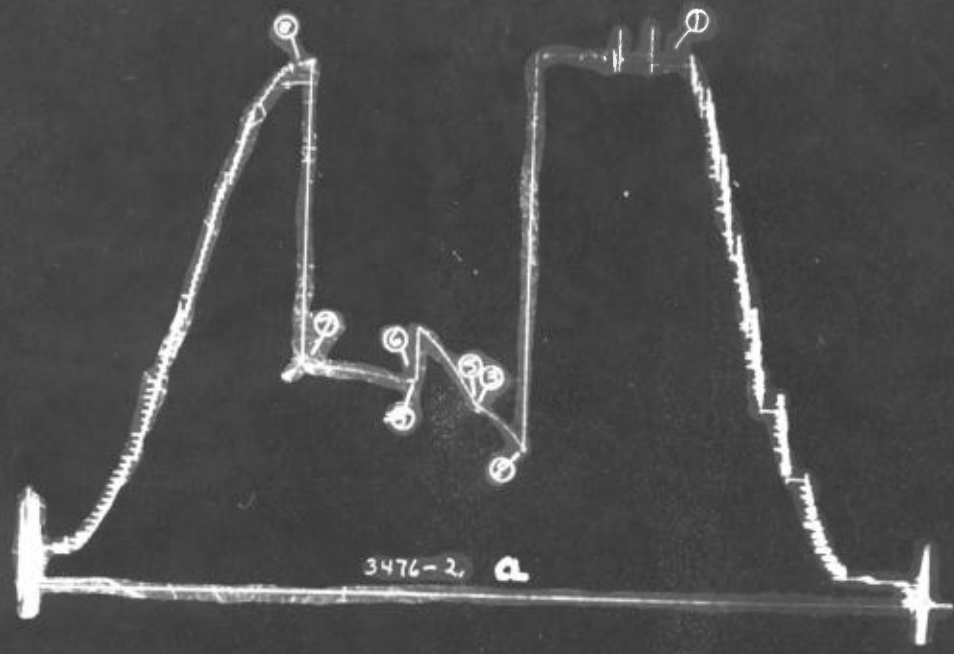
Ministère des Richesses Naturelles, Québec
SERVICE DE LA
DOCUMENTATION TECHNIQUE
Date: 2 MAI 1971
No GM: 27632

PRESSURE READINGS	Inside / Outside	Inside / Outside	Inside / Outside	Inside / Outside
Recorder No.	1753	3476	3475	
Capacity	8000	8000	8000	
Depth	6427	6433	6690	
NUMBER KEY:				
1 - INITIAL HYDROSTATIC	4727	4836	5056	
2 - PRE-FLOW	1093		1427	
3 - INITIAL SHUT-IN	1486	recorder	1815	
4a - 2nd INITIAL FLOW		staging		
4b - 2nd FINAL FLOW				
4c - 2nd SHUT-IN				
5 - 3rd INITIAL FLOW	1514	1518	1815	
6 - FINAL FLOW	1689	1984	2024	
7 - FINAL SHUT-IN	1758		2145	
8 - FINAL HYDROSTATIC	clock ran out	4562	4940	

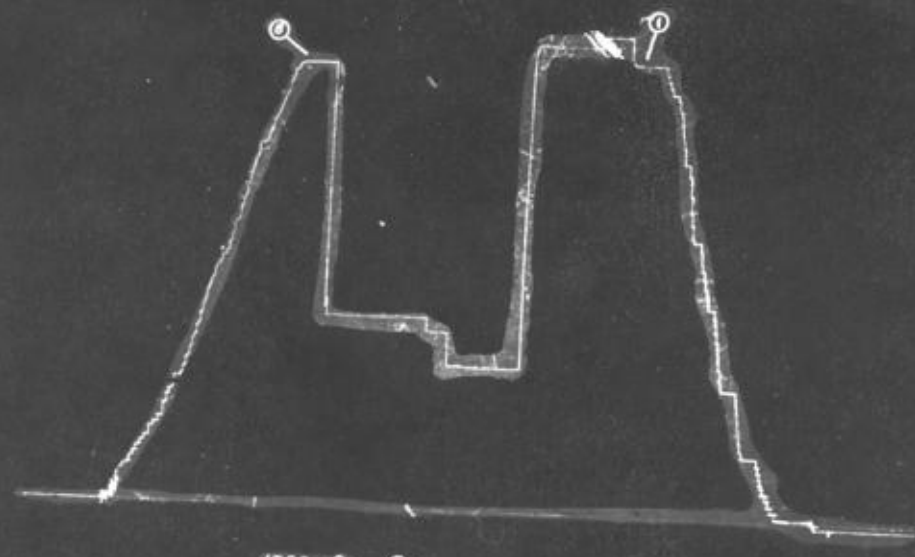
Company: Shell Oil Canada Ltd.
Well Name and Description: Shell Ste. Francoise Romaine #1
Test No.: # 2A
Date of Test: Feb 3/72

3475-2 a

SVELL STE FRANCOISE ROMAINE



3476-2 a



1753-2 a



GM 27632

LYNES UNITED SERVICES LTD.

TEST DATA					GENERAL INFORMATION	
Test No.	3	Lynes Test				
Formation		T.D.	7654	Ft.	Company	Shell Canada Ltd.
Interval Tested	7530	Ft. to	7654	Ft.	Address	
Feet of Net Pay Tested	124			Ft.		
Type of Test	Triple Bottom Hole					
Cushion	water	Amount	890	Ft.	Well Name	Shell Ste Francoise Romaine
Started in Hole at	1:30 Hrs.	Tool Open at		Hrs.	Well Number	#1
Pre-Flow	Mins.	Initial Shut-in		Mins.	K.B. Elevation	298.7 Sub-Sea Elevation
2nd Flow	Mins.	Second Shut-in		Mins.	Area	Ville Roy Province Quebec
Final Flow	Mins.	Final Shut-in		Mins.	Company Rep.	R. Schaffrick
Remarks:					Tester	W. Goodwin
Mud held in hole for one minute after tool opened, then began dropping very					Contractor	Regent Rig No. 6
Blow: slowly at first then increasing to rapid. Reset tool three times but mud failed to stay. Came out of hole.					Ticket No.	3913 Date Feb 16/72
					Service Reports To:	7 - above address

GAS BLOW MEASUREMENTS			
Measured with			
Time	Surface Choke	Reading Inches	Cubic Feet/Day

Ministère des Richesses Naturelles, Québec
SERVICE DE LA DOCUMENTATION TECHNIQUE
Date:
No GM: 27632

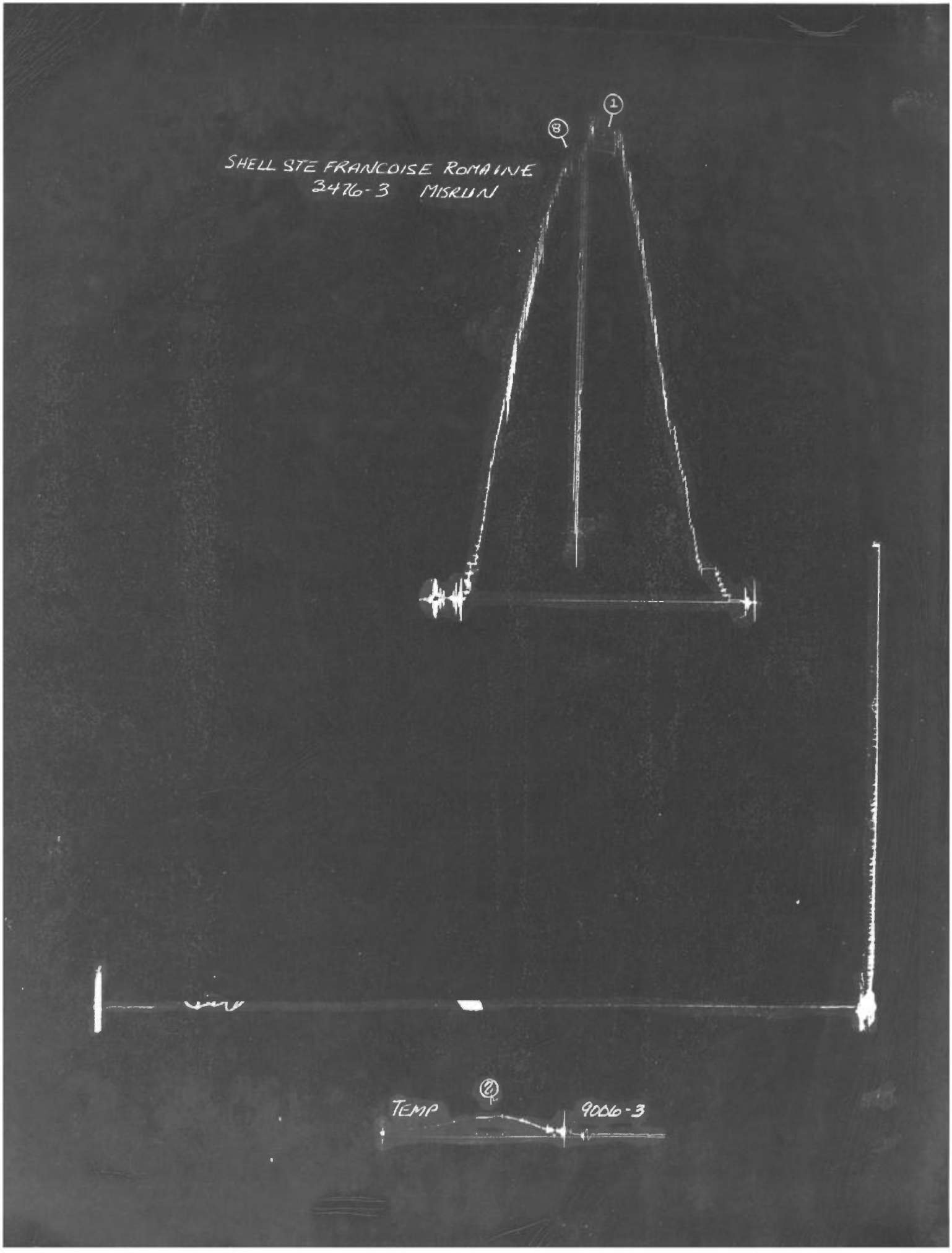
MUD AND HOLE DATA	
Mud Type	Gel Chem
Weight	14.0 Viscosity 85 Water Loss 18.2
Filter Cake	2/32" Bottom Hole Temperature
Drill Pipe Size	3 1/21F Weight
Drill Collars	4 3/4" I.D. 2 3/8" Feet Run 487
Main Hole or Casing Size	6 3/4"
Rathole or Liner Size	No. of Feet
Bottom Hole Choke Size	1/2"
Surface Choke Size	
Packer Rubber Size	5 1/2"
REMARKS	Misrun.

RECOVERY	
TOTAL FLUID RECOVERED	1630 Ft. Consisting of:
890 Ft. of	water cushion
740 Ft. of	drilling fluid
Ft. of	
Ft. of	
Test was/was not Reverse Circulated	
Oil Recovery A.P.I.	Water Specific Gravity
Salinity	

Temperature Recorder # 9906
Capacity 60-337o
Depth 7558
64o

PRESSURE READINGS				
	Inside X Outside	Inside X Outside	Inside Outside X	Inside Outside X
	Recorder No. 3466	Recorder No. 2231	Recorder No. 1753	Recorder No. 3476
	Capacity 7800	Capacity 7200	Capacity 8000	Capacity 8000
	Depth 7507	Depth 7512	Depth 7540	Depth 7553
NUMBER KEY:				
1 - INITIAL HYDROSTATIC	5272	5588		5332
2 - PRE-FLOW				
3 - INITIAL SHUT-IN			malfunctioned	
4a - 2nd INITIAL FLOW				
4b - 2nd FINAL FLOW	misrun	misrun		misrun
4c - 2nd SHUT-IN				
5 - 3rd INITIAL FLOW				
6 - FINAL FLOW				
7 - FINAL SHUT-IN				
8 - FINAL HYDROSTATIC	5268	5509		5272

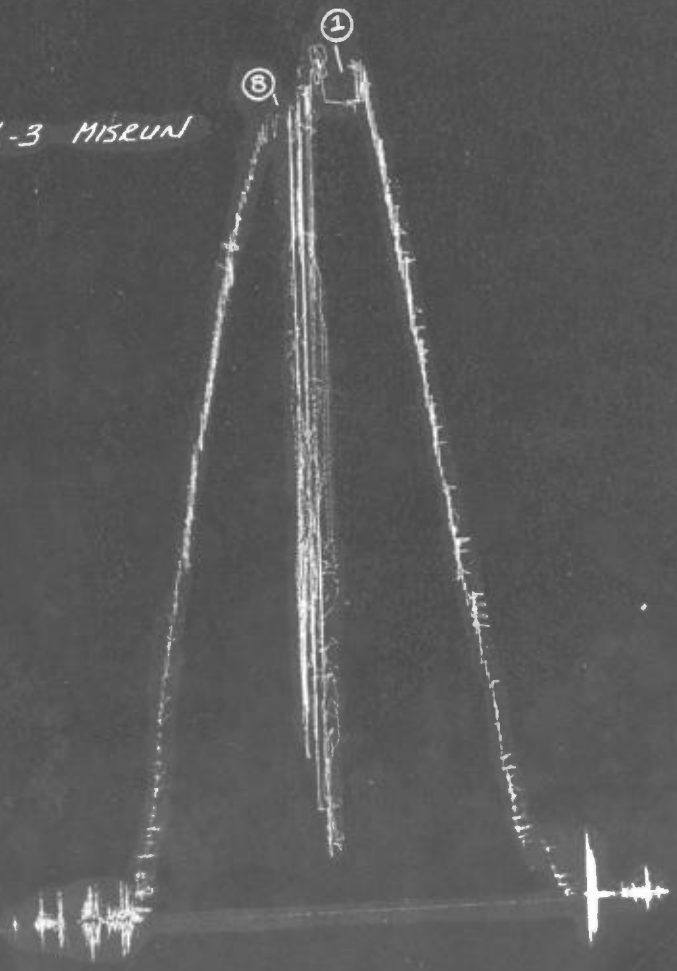
Shell Oil Canada Ltd. — Company
Shell Ste Francoise Romaine #1 — Well Name and Description
#3 — Test No.
Feb 16/72 — Date of Test


SHELL STE FRANCOISE ROMAINE
3476-3 MISRUN
8
1
TEMP
2
9006-3

SHELL STE FRANCOISE ROMAINE #1
3466-3 MISRUN



2831-3 MISRUN



LYNES UNITED SERVICES LTD.

TEST DATA				GENERAL INFORMATION	
Test No.	4	Lynes Test	4		
Formation		T.D 8489	Ft.	Company	Shell Oil Canada Ltd.
Interval Tested	8367 Ft. to	8462	Ft.	Address	
Feet of Net Pay Tested	95		Ft.		
Type of Test	Inflatable Straddle				
Cushion	water	Amount 4000	Ft.	Well Name	Shell Ste Francoise Romaine #1
Started in Hole at	3:00 Hrs.	Tool Open at	Hrs.	Well Number	
Pre-Flow	Mins.	Initial Shut-in	Mins.	K.B. Elevation	298.7 Sub-Sea Elevation
2nd Flow	Mins.	Second Shut-in	Mins.	Area	Ste. Francoise Province Quebec
Final Flow	Mins.	Final Shut-in	Mins.	Company Rep.	R. Shaefrick & K. McGregor
Remarks:	Misrun - packer seat failure.			Tester	A. Short
	Tool opened - fair air blow			Contractor	Regent Rig No. 6
	Seat held for one minute then mud			Ticket No.	4876 Date March 10/72
Blow:	dropped. Reset packers twice but			Service Reports To:	
	unsuccessful.				7 - above address

GAS BLOW MEASUREMENTS			
Measured with			
Time	Surface Choke	Reading Inches	Cubic Feet/Day

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Documentation Technique

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No. G.M.: 27632

MUD AND HOLE DATA	
Mud Type	Polimar
Weight	13.8 Viscosity 78 Water Loss
Filter Cake	2/32" Bottom Hole Temperature 140
Drill Pipe Size	3 1/2IF Weight 13.3
Drill Collars	3 1/2IF I.D. 2" Feet Run 568
Main Hole or Casing Size	6 3/4"
Rathole or Liner Size	No. of Feet
Bottom Hole Choke Size	1"
Surface Choke Size	
Packer Rubber Size	5 5/8 x 66"
REMARKS	Misrun.

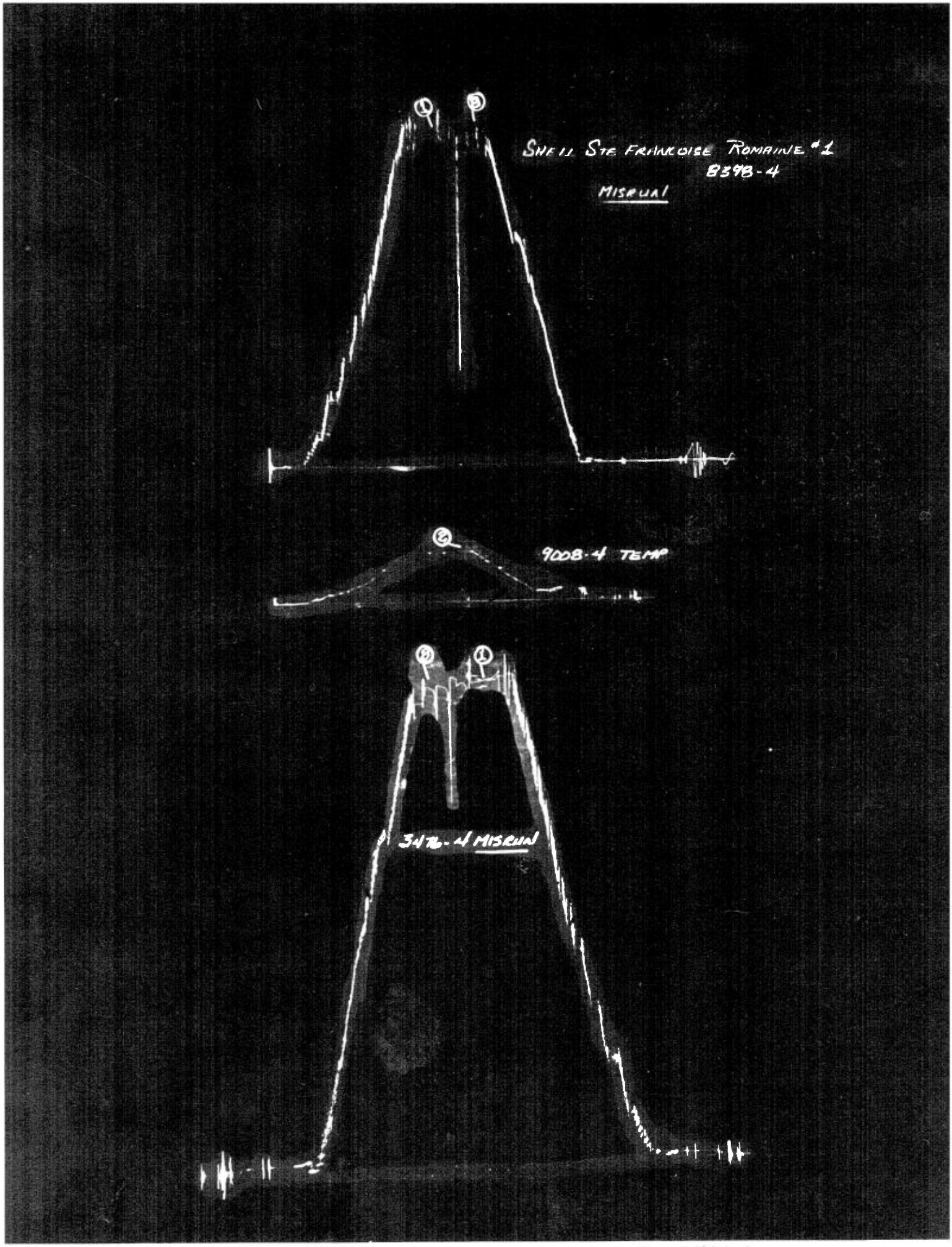
#3476 8470'(depth) #9008 45-290 (temp)

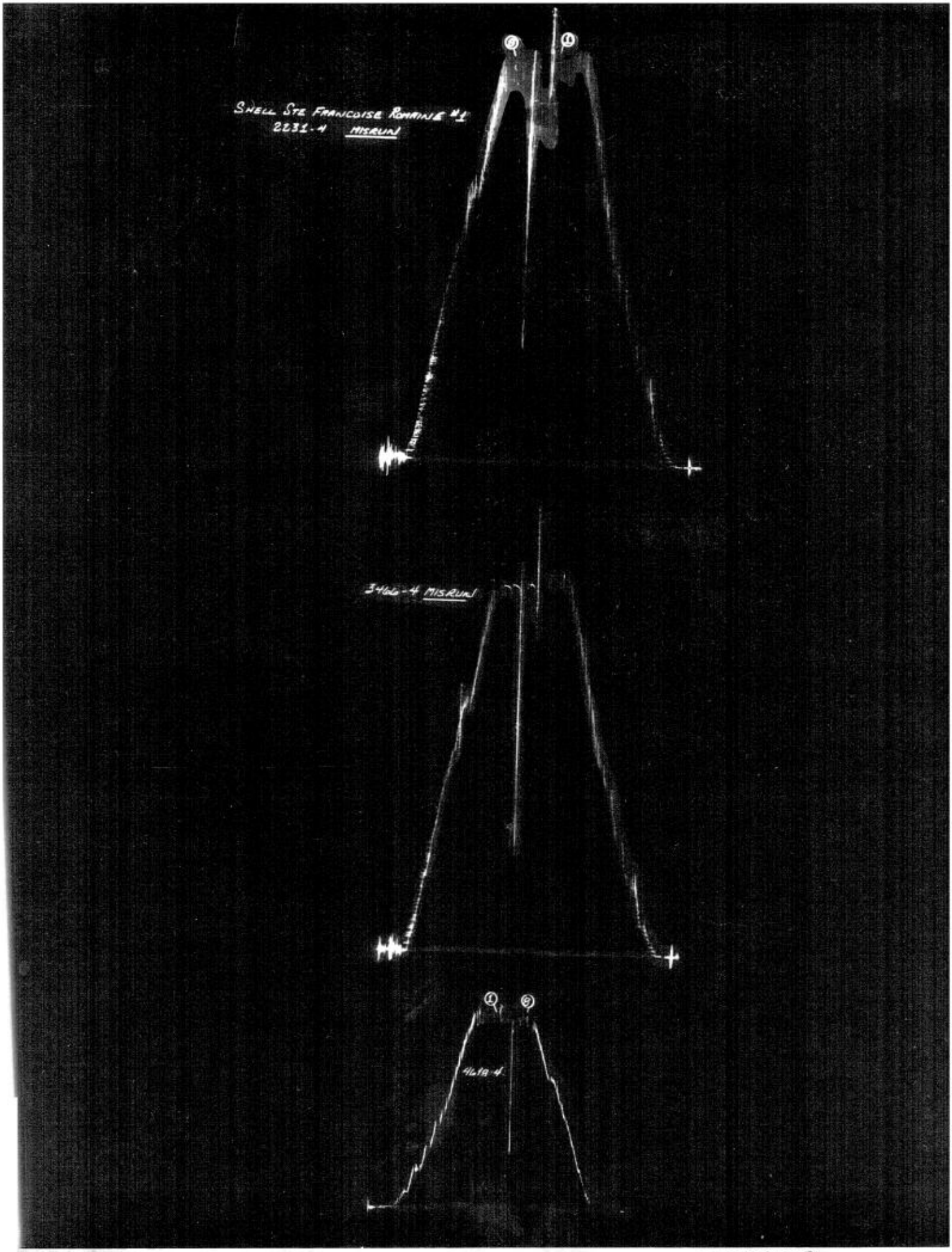
(1) 6184 (2) - 140°
(8) 6141

RECOVERY	
TOTAL FLUID RECOVERED	3975 Ft. Consisting of:
3765 Ft. of	water cushion
210 Ft. of	drilling mud
Ft. of	
Ft. of	
Test was/was not Reverse Circulated	
Oil Recovery A.P.I.	Water Specific Gravity
Salinity	

PRESSURE READINGS				
	Inside ___ Outside X	Inside ___ Outside X	Inside ___ Outside X	Inside ___ Outside X
	Recorder No. 3466	Recorder No. 2231	Recorder No. 4618	Recorder No. 8398
	Capacity 7800	Capacity 7200	Capacity 9100	Capacity 6950
	Depth 8352	Depth 8347	Depth 8374	Depth 8374
NUMBER KEY:				
1 - INITIAL HYDROSTATIC	6182	6188	6213	6188
2 - PRE-FLOW				
3 - INITIAL SHUT-IN				
4a - 2nd INITIAL FLOW	misrun	misrun	misrun	misrun
4b - 2nd FINAL FLOW				
4c - 2nd SHUT-IN				
5 - 3rd INITIAL FLOW				
6 - FINAL FLOW				
7 - FINAL SHUT-IN				
8 - FINAL HYDROSTATIC	6146	6160	6182	6171

Company: Shell Oil Canada Ltd.
Well Name and Description: Shell Ste Francoise Romaine #1
Test No.: #4
Date of Test: March 10/72


SHELL STE FRANCOISE ROMAINE #1
8398-4
MISRUN
9008-4 TEMP
3476-4 MISRUN


SHELL STE. FRANCOISE ROMAINE #1
2231-4 MISRUN
3466-4 MISRUN
4618-4

GM-27632

LYNES UNITED SERVICES LTD.

TEST DATA					GENERAL INFORMATION			
Test No.	5	Lynes Test	5		Company	Shell Oil Canada		
Formation		T.D.	8486	Ft.	Address	639 Fifth Avenue S.W.		
Interval Tested	8290	Ft. to	8486	Ft.		Calgary, Alberta		
Feet of Net Pay Tested	196			Ft.				
Type of Test	Conv. Bottom Hole							
Cushion	water	Amount	4430	Ft.	Well Name	Shell Ste. Francoise Romaine		
Started in Hole at	4:00 Hrs.	Tool Open at	8:28	Hrs.	Well Number	#1		
Pre-Flow	2 Mins.	Initial Shut-in	60	Mins.	K.B. Elevation	298.7	Sub-Sea Elevation	
2nd Flow	Mins.	Second Shut-in		Mins.	Area	Ste. Francoise	Province	Quebec
Final Flow	45 Mins.	Final Shut-in	165	Mins.	Company Rep.	R. Shaffrick & K. McGregor		
Remarks:					Tester	A. Short		
					Contractor	Regent	Rig No.	6
					Ticket No.	4877	Date	March 11/72
Blow:	Weak initial puff. Weak air blow. Dead in 40 minutes.				Service Reports To:	7 - above address		

GAS BLOW MEASUREMENTS			
Measured with			
Time	Surface Choke	Reading Inches	Cubic Feet/Day

Ministère de l'Énergie et des Ressources
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MUD AND HOLE DATA							
Mud Type	polymar						
Weight	13.8	Viscosity	78	Water Loss	14.6		
Filter Cake	2/32"	Bottom Hole Temperature	127				
Drill Pipe Size	3 1/2IF			Weight	13.3		
Drill Collars	3 1/2IF	I.D.	2"	Feet Run	586		
Main Hole or Casing Size	6 3/4"						
Rathole or Liner Size				No. of Feet			
Bottom Hole Choke Size	1/2"						
Surface Choke Size							
Packer Rubber Size	6" (1) 5 1/2"						

REMARKS

Shut-in pressures suggest very low permeability within the interval tested.

Temp 9008
45 - 290°
(2) - 127°

RECOVERY	
TOTAL FLUID RECOVERED	4550 Ft. Consisting of:
4430 Ft. of	water cushion
120 Ft. of	water cut mud
Ft. of	
Ft. of	
Test was/was not Reverse Circulated	
Oil Recovery A.P.I.	Water Specific Gravity
Salinity	

PRESSURE READINGS				
	Inside ___ X Outside ___	Inside ___ X Outside ___	Inside ___ Outside X	Inside ___ Outside X
	Recorder No. 2231	Recorder No. 3466	Recorder No. 8398	Recorder No. 4618
	Capacity 7200	Capacity 7800	Capacity 6950	Capacity 9100
	Depth 8256	Depth 8261	Depth 8320	Depth 8320
NUMBER KEY:				
1 - INITIAL HYDROSTATIC	6078	6099	6095	6083
2 - PRE-FLOW	2153	2156	2178	2181
3 - INITIAL SHUT-IN	3775	3784	3814	3819
4a - 2nd INITIAL FLOW				
4b - 2nd FINAL FLOW				
4c - 2nd SHUT-IN				
5 - 3rd INITIAL FLOW	2117	2125	2146	2147
6 - FINAL FLOW	2204	2203	2230	2223
7 - FINAL SHUT-IN	3731	3747	3753	3762
8 - FINAL HYDROSTATIC	5828	5838	5855	5878

Company: Shell Oil Canada Ltd.
Well Name and Description: Shell Ste. Francoise Romaine # 1
Test No.: #5
Date of Test: March 11/72

LYNES UNITED SERVICES LTD.

WELL NAME - SHELL STE FRANCOISE ROMAINE

LOCATION - #1

DST NUMBER - 5

INTERVAL TESTED - 8290 TO 8486

RECORDER NO. - 8398

DEPTH - 8320

INITIAL SHUT IN PRESSURE

TIME(MIN) Φ	$\frac{T + \Phi}{\Phi}$	PSIG
0	0.0000	2178
5	1.4000	2717
10	1.2000	2991
15	1.1333	3172
20	1.1000	3308
25	1.0800	3419
30	1.0667	3503
35	1.0571	3573
40	1.0500	3637
45	1.0444	3689
50	1.0400	3735
55	1.0364	3776
60	1.0333	3814

EXTRAPOLATION OF INITIAL SHUT-IN = 4063.14

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LYNES UNITED SERVICES LTD.

WELL NAME - SHELL STE FRANCOISE ROMAINE

LOCATION - #1

DST NUMBER - 5

INTERVAL TESTED - 8290 TO 8486

RECORDER NO. - 8398

DEPTH - 8320

SECOND SHUT IN PRESSURE

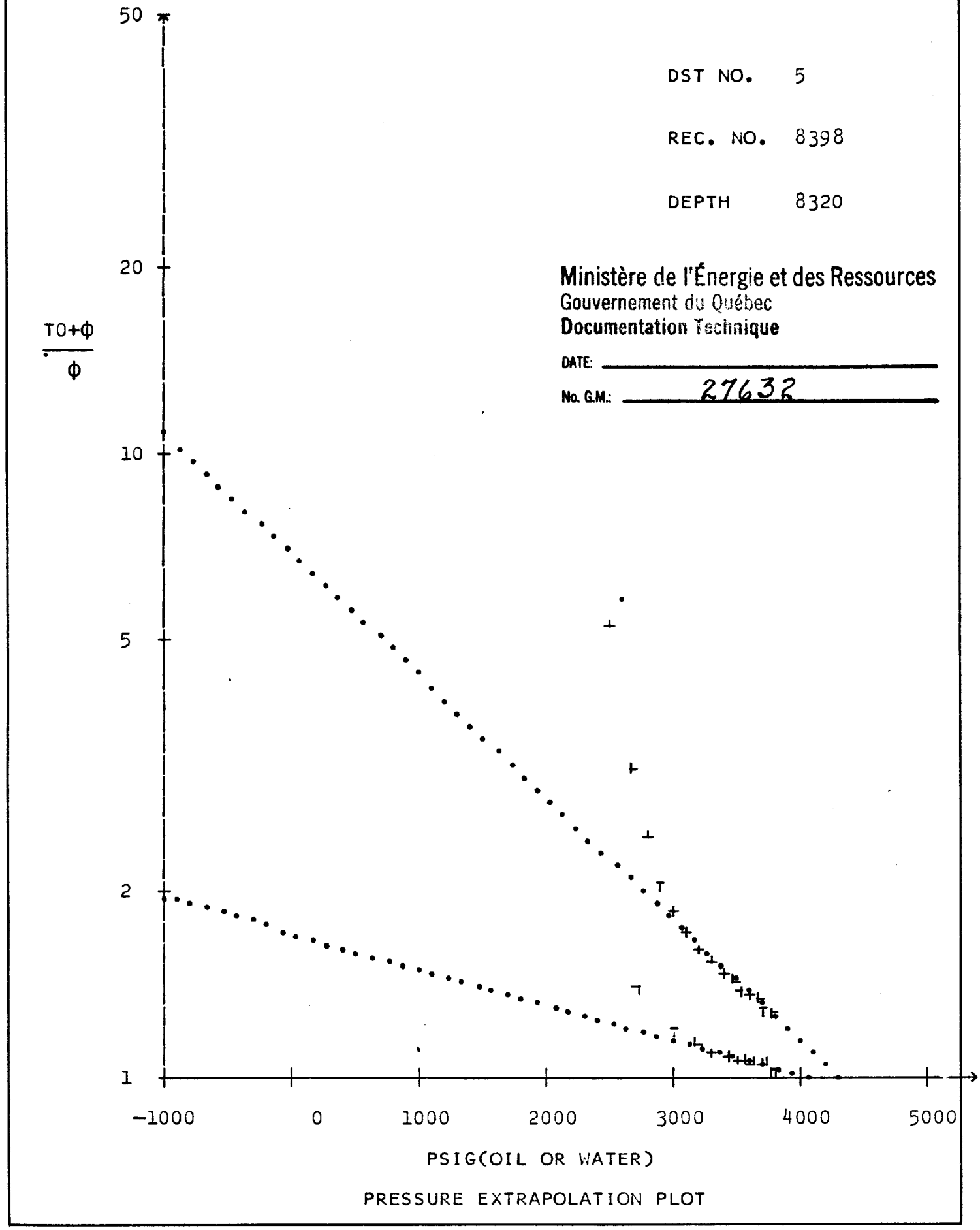
TIME(MIN) Φ	T + Φ / Φ	PSIG
0	0.0000	2230
11	5.2727	2490
22	3.1364	2650
33	2.4242	2790
44	2.0682	2907
55	1.8545	3012
66	1.7121	3113
77	1.6104	3209
88	1.5341	3302
99	1.4747	3387
110	1.4273	3465
121	1.3884	3538
132	1.3561	3602
143	1.3287	3657
154	1.3052	3706
165	1.2848	3753

EQU. FITTED LINE IS LOG((TO+Φ)/Φ)= -0.00019 PSIG + 0.83625

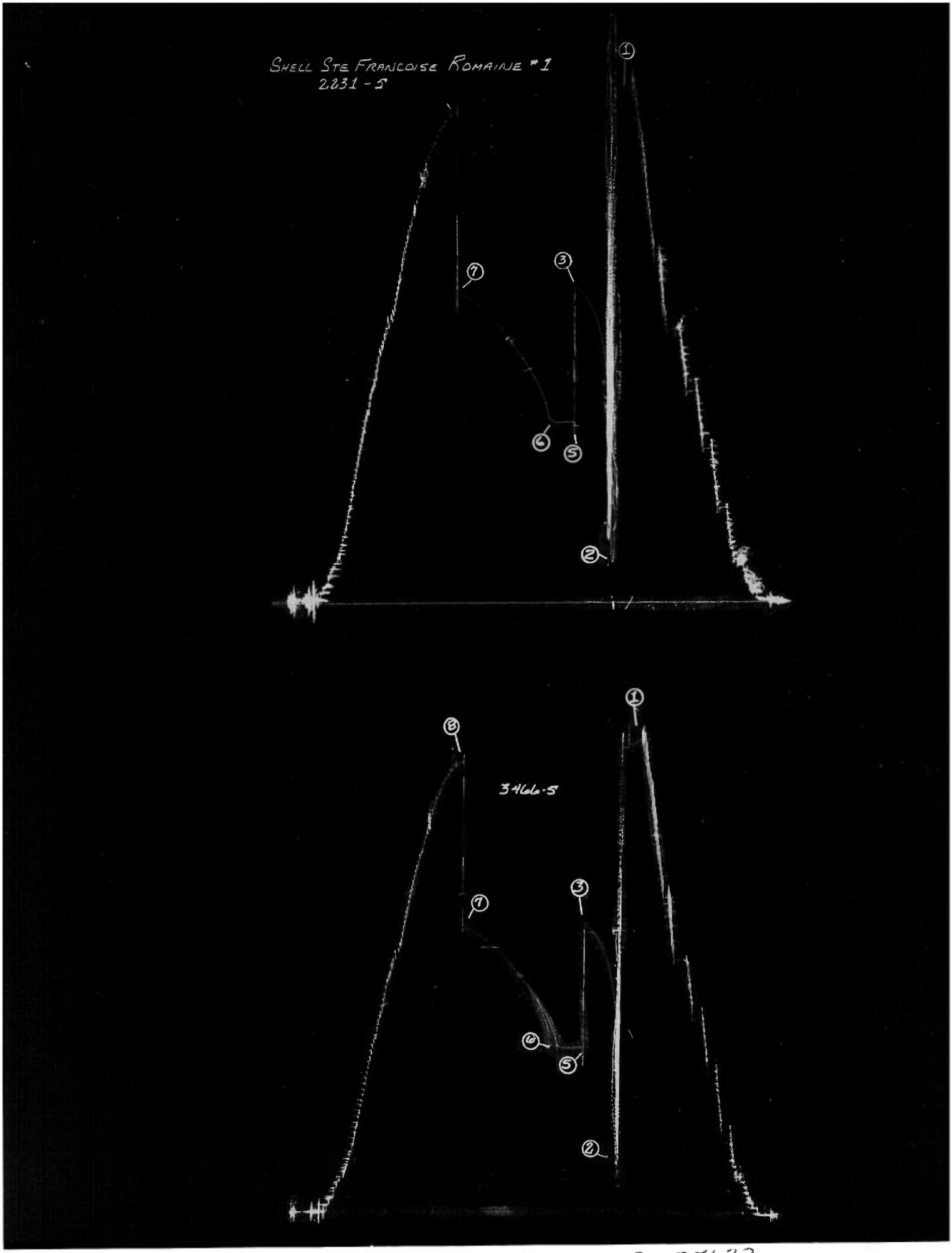
EXTRAPOLATION OF SECOND SHUT-IN = 4314.62 M= 5159.48

Ministère des Richesses Naturelles, Québec
SERVICE DE LA
DOCUMENTATION GÉOSCIENTIFIQUE
Date:
No GM: 27632

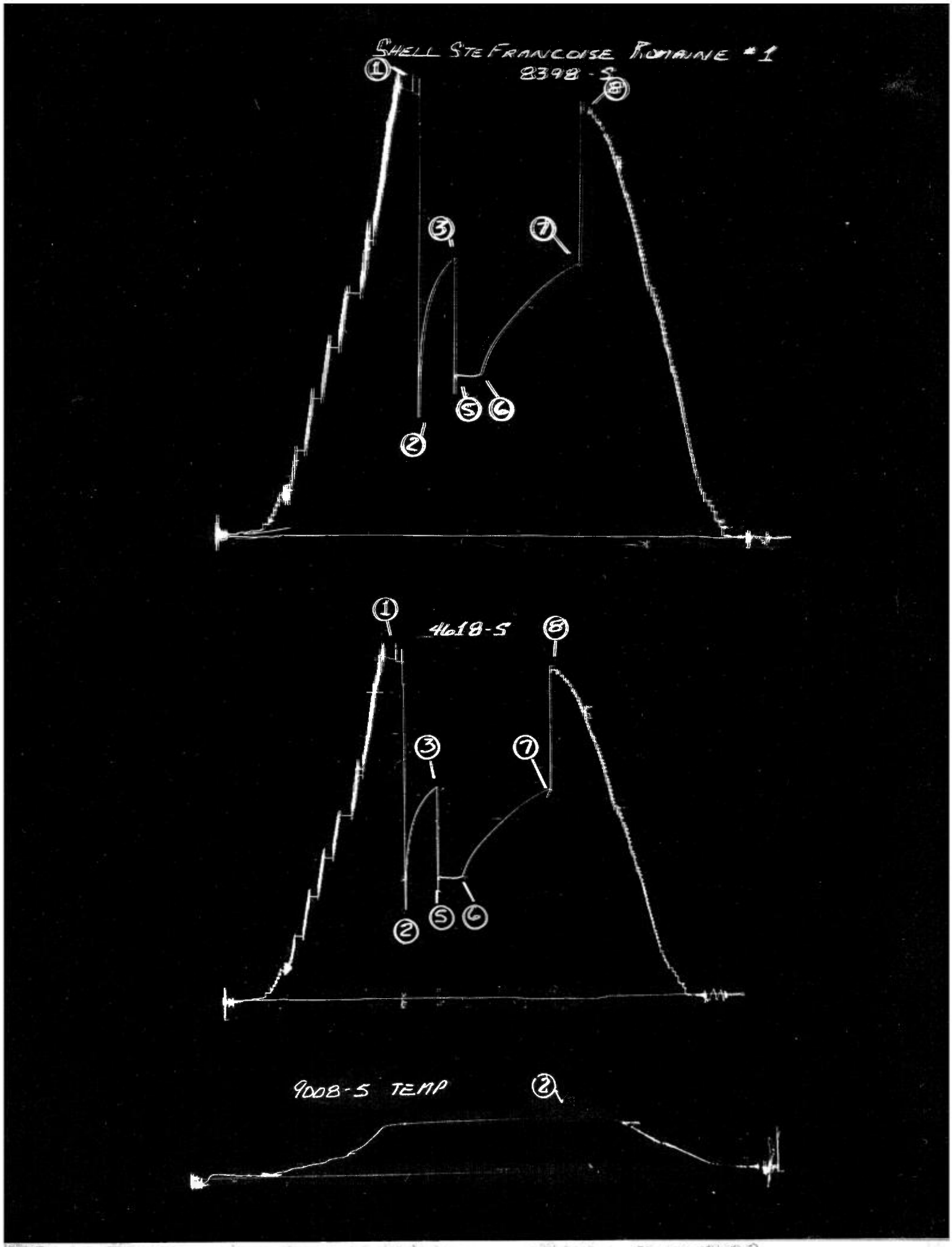
LYNES UNITED SERVICES LTD.



PRESSURE EXTRAPOLATION PLOT



GM-27632


SHELL STE FRANCOISE ROMAINE #1
8398-S
1
8
3
7
5
6
2
4618-S
1
8
3
7
5
6
2
9008-S TEMP
2

LYNES UNITED SERVICES LTD.

TEST DATA				GENERAL INFORMATION	
Test No.	6	Lynes Test		Company	Shell Oil Canada Ltd.
Formation	Trenton	T.D.	9385 Ft.	Address	639 Fifth Avenue S.W.
Interval Tested	6540	Ft. to	6765 Ft.		Calgary, Alberta
Feet of Net Pay Tested	225		Ft.		
Type of Test	Inflatable Straddle				
Cushion	water	Amount	2500 Ft.	Well Name	Shell Ste. Francoise Romaine
Started in Hole at	9:00 Hrs.	Tool Open at	Hrs.	Well Number	No. 1
Pre-Flow	Mins.	Initial Shut-in	Mins.	K.B. Elevation	298.7 Sub-Sea Elevation
2nd Flow	Mins.	Second Shut-in	Mins.	Area	Ste. Francoise Province Quebec
Final Flow	Mins.	Final Shut-in	Mins.	Company Rep.	B. Magnan & R. Schaffrick
Remarks:				Tester	Al Short
				Contractor	Regent Rig No. 6
				Ticket No.	4878 Date April 5/72
Blow:				Service Reports To:	
					7 - above address

GAS BLOW MEASUREMENTS			
Measured with			
Time	Surface Choke	Reading Inches	Cubic Feet/Day

Ministère de l'Énergie et des Ressources
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MUD AND HOLE DATA	
Mud Type	Polimar
Weight	13.8 Viscosity 72 Water Loss 15.2
Filter Cake	2/32" Bottom Hole Temperature
Drill Pipe Size	3 1/2IF Weight 15.50
Drill Collars	3 1/2IF I.D. 2 3/8" Feet Run 614
Main Hole or Casing Size	6 3/4"
Rathole or Liner Size	No. of Feet
Bottom Hole Choke Size	1"
Surface Choke Size	
Packer Rubber Size	5 5/8 x 66"

REMARKS: Misrun - tried to set packers. Pumped 12 minutes. Tried to reset four times. Bottom packer ruptured on inflation.

RECOVERY		
TOTAL FLUID RECOVERED	nil Ft. Consisting of:	Rec. 9008 Rec.NO.3476
Ft. of		45 - 290° capacity - 8000
Ft. of		6545 -depth depth - 6780
Ft. of		
Ft. of		(2) - 122° (1) - 5129
Test was/was not Reverse Circulated		(8) - 5141
Oil Recovery A.P.I.	Water Specific Gravity	
Salinity		

PRESSURE READINGS				
	Inside X Outside	Inside X Outside	Inside Outside X	Inside Outside X
	Recorder No. 3466	Recorder No. 2231	Recorder No. 4618	Recorder No. 8398
	Capacity 7800	Capacity 7200	Capacity 9100	Capacity 5950
	Depth 6514	Depth 6519	Depth 6545	Depth 6545
NUMBER KEY:				
1 - INITIAL HYDROSTATIC	5034	4978	5021	5001
2 - PRE-FLOW				
3 - INITIAL SHUT-IN				
4a - 2nd INITIAL FLOW				
4b - 2nd FINAL FLOW	MISRUN	MISRUN	MISRUN	
4c - 2nd SHUT-IN				
5 - 3rd INITIAL FLOW				
6 - FINAL FLOW				
7 - FINAL SHUT-IN				
8 - FINAL HYDROSTATIC	5049	5014	5048	5035

Shell Oil Canada Ltd. — Company
Shell Ste. Francoise Romaine #1 — Well Name and Description
#6 — Test No.
April 5/72 — Date of Test

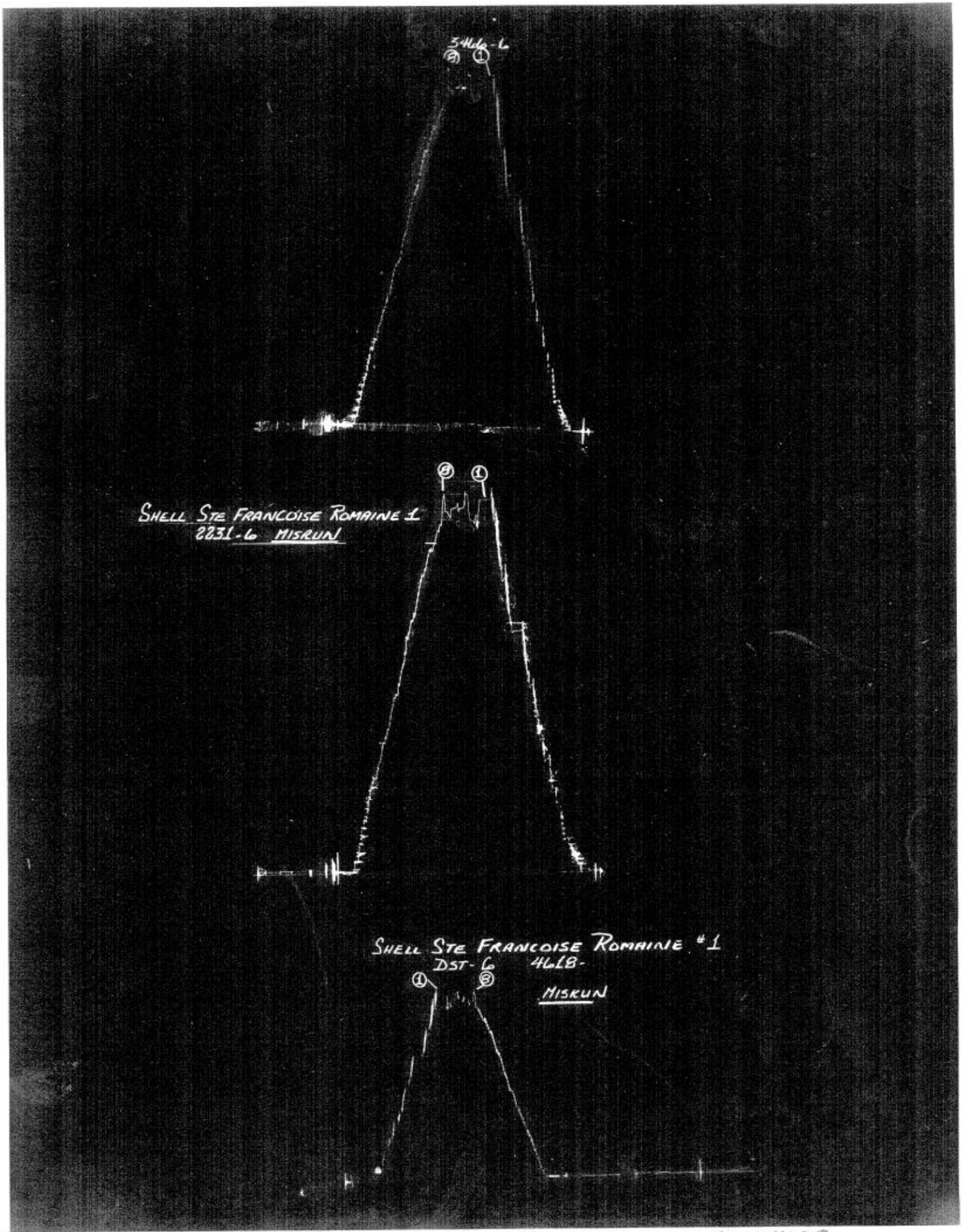
SHELL CANADA LIMITED - PRODUCTION LABORATORY
CORE ANALYSIS REPORT

Date: April 1972.

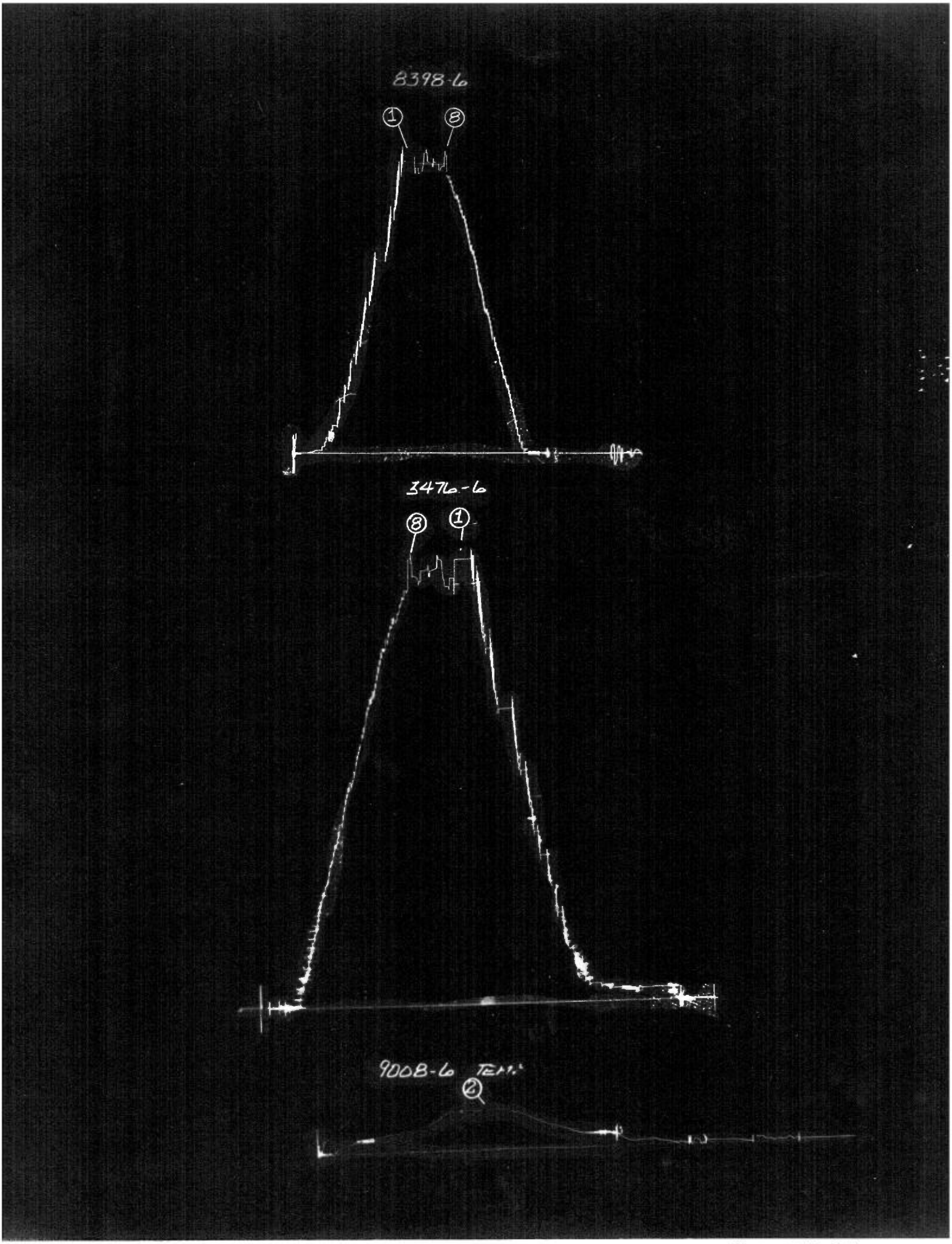
WELL: Shell Ste. Francoise Romaine #1 KB 299' FIELD Wildcat CORED INTERVAL 8897-8927 RECOVERY 30' FORMATION Potsdam Sandstone.

Lab. No. SMALL CORE SAMPLES 'S' Suffix	SECTION REPRESENTED Interval	Ft.	Lithological Description	ORIENTATION	Whole Core Samples - G.D. calc. Small Core Samples - G.D. measured Poro %	Kmax md	K90 md	Kvert md	G.D. gm/cc	Oil Sat'n % P.V.	Water Sat'n % P.V.	REMARKS
X7021	8897.0-8898.0	1.0	SD, GL, VF-M, C, N		3.2	0.3			2.653			
X7022	98.0-99.0	1.0	SD, GL, PY, VF-M, C, T		3.8	0.7			2.671			
X7023	99.0-8900.0	1.0	SD, GL, CC, VF-M, C, N		3.7	0.3			2.654			
X7024	8900.0-8901.0	1.0	SD, GL, CC, VF-F, C, N		3.4	0.4			2.660			
X7025	01.0-01.6	0.6	SD, GL, CC, VF-F, C, T		3.4	0.5			2.674			
X7026	01.6-02.0	0.4	SD, GL, SI, VF-F, C, N		1.8	0.1			2.711			
X7027	02.0-03.0	1.0	SD, GL, CC, VF-F, C, T		3.5	0.2			2.650			
X7028	03.0-04.0	1.0	SD, GL, CC, VF-F, C, N		2.8	0.2			2.651			
X7029	04.0-05.0	1.0	SD, GL, PB, VF-F, C, N		2.6	0.2			2.646			
X7030	05.0-06.0	1.0	SD, GL, CC, VF-F, C, N		3.0	0.4			2.652			
X7031	06.0-07.0	1.0	SD, GL, VF-F, C, T		3.8	0.4			2.656			
X7032	07.0-08.0	1.0	SD, SH, SI, VF-F, C, N		1.7	17.5f			2.682			
X7033	08.0-09.0	1.0	SD, GL, SI, VF-F, C, N		3.1	0.4			2.665			
X7034	09.0-10.0	1.0	SD, GL, CC, VF-F, C, N		3.3	1.0			2.659			
X7035	10.0-11.0	1.0	SD, GL, CC, VF-F, C, N		2.6	0.5			2.661			
X7036	11.0-12.0	1.0	SD, GL, PB, VF-F, C, N		3.0	0.3			2.660			
X7037	12.0-13.0	1.0	SD, GL, VF-F, C, N		3.3	0.4			2.660			
X7038	13.0-14.0	1.0	SD, GL, VF-F, C, T		3.6	0.4			2.671			
X7039	14.0-15.0	1.0	SD, GL, VF-M, C, N		2.3	13.1f			2.665			
X7040	15.0-16.0	1.0	SD, GL, SI, VF-F, C, N		1.9	0.2			2.669			
X7041	16.0-17.0	1.0	SD, GL, SI, VF-F, C, T		3.7	0.8			2.672			
X7042	17.0-18.0	1.0	SD, GL, SI, VF-F, C, N		3.2	0.5			2.671			
X7043	18.0-19.0	1.0	SD, GL, CC, VF-F, C, N		3.2	2.4f			2.664			
X7044	19.0-20.0	1.0	SD, GL, SI, VF-F, C, N		2.1	0.2			2.692			
X7045	20.0-21.0	1.0	SD, GL, SI, VF-F, C, N		2.9	0.7			2.675			
X7046	21.0-22.0	1.0	SD, GL, SI, VF-F, C, N		3.0	0.4			2.664			
X7047	22.0-23.0	1.0	SD, GL, SI, VF-F, C, T		3.4	0.3			2.666			
X7048	23.0-23.6	0.6	SD, GL, SI, VF-F, C, N		2.0	0.3			2.665			
X7049	23.6-24.4	0.8	SD, GL, VF-F, C, N		3.5	5.2f			2.667			
X7050	24.4-25.0	0.6	SD, GL, SI, VF-F, C, T		3.7	0.7			2.673			
X7051	25.0-26.0	1.0	SD, GL, CC, VF-F, C, N		3.2	0.4			2.661			
X7052	26.0-27.0	1.0	SD, SI, VF-F, C, N		2.5	0.3			2.645			

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3468-6
SHELL STE FRANCOISE ROMAINE 1
2231-6 MISRUN
SHELL STE FRANCOISE ROMAINE #1
DST-6 4618-
MISRUN

CM-27632



GM-27632

LYNES UNITED SERVICES LTD.

TEST DATA						GENERAL INFORMATION	
Test No.	7	Lynes Test	7				
Formation	Trenton	T.D.	9385 Ft.			Company	Shell Oil Canada Ltd.
Interval Tested	6532 Ft. to	7060	Ft.			Address	639 Fifth Avenue S.W.
Feet of Net Pay Tested	528		Ft.				Calgary, Alberta
Type of Test	Coventional Hook Wall						
Cushion	water	Amount	1500 Ft.			Well Name	Shell Ste. Francoise Romaine
Started in Hole at	11:30 Hrs.	Tool Open at	4:13 Hrs.			Well Number	No. 1
Pre-Flow	2 Mins.	Initial Shut-in	60 Mins.			K.B. Elevation	298.9 Sub-Sea Elevation
2nd Flow	Mins.	Second Shut-in	Mins.			Area	Ste. Francoise Province Quebec
Final Flow	90 Mins.	Final Shut-in	120 Mins.			Company Rep.	R. Schaffrick & B'Magnan
Remarks:						Tester	Al. Short
						Contractor	Regent Rig No. 6
						Ticket No.	4879 Date April 9/72
Blow:	Good initial puff. Fair air blow decreasing throughout the test.					Service Reports To:	7 - above address

GAS BLOW MEASUREMENTS			
Measured with			
Time	Surface Choke	Reading Inches	Cubic Feet/Day

Ministère de l'Énergie et des Ressources
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MUD AND HOLE DATA					
Mud Type	Polimar				
Weight	14.0	Viscosity	75	Water Loss	15.2
Filter Cake	2/32"	Bottom Hole Temperature			
Drill Pipe Size	3 1/2 IF			Weight	15.50
Drill Collars	3 1/2 IF	I.D.	2 3/8	Feet Run	741
Main Hole or Casing Size	6 3/4"				
Rathole or Liner Size			No. of Feet		
Bottom Hole Choke Size	5/8"				
Surface Choke Size					
Packer Rubber Size	retreavomatic				

REMARKS

Shut-in pressures suggest very low permeability within the interval tested.

RECOVERY

TOTAL FLUID RECOVERED 2170 Ft. Consisting of:

1250	Ft. of	water cushion gas cut
180	Ft. of	muddy water cushion
740	Ft. of	gas cut drilling mud
	Ft. of	

Test was/was not Reverse Circulated

Oil Recovery A.P.I. Water Specific Gravity

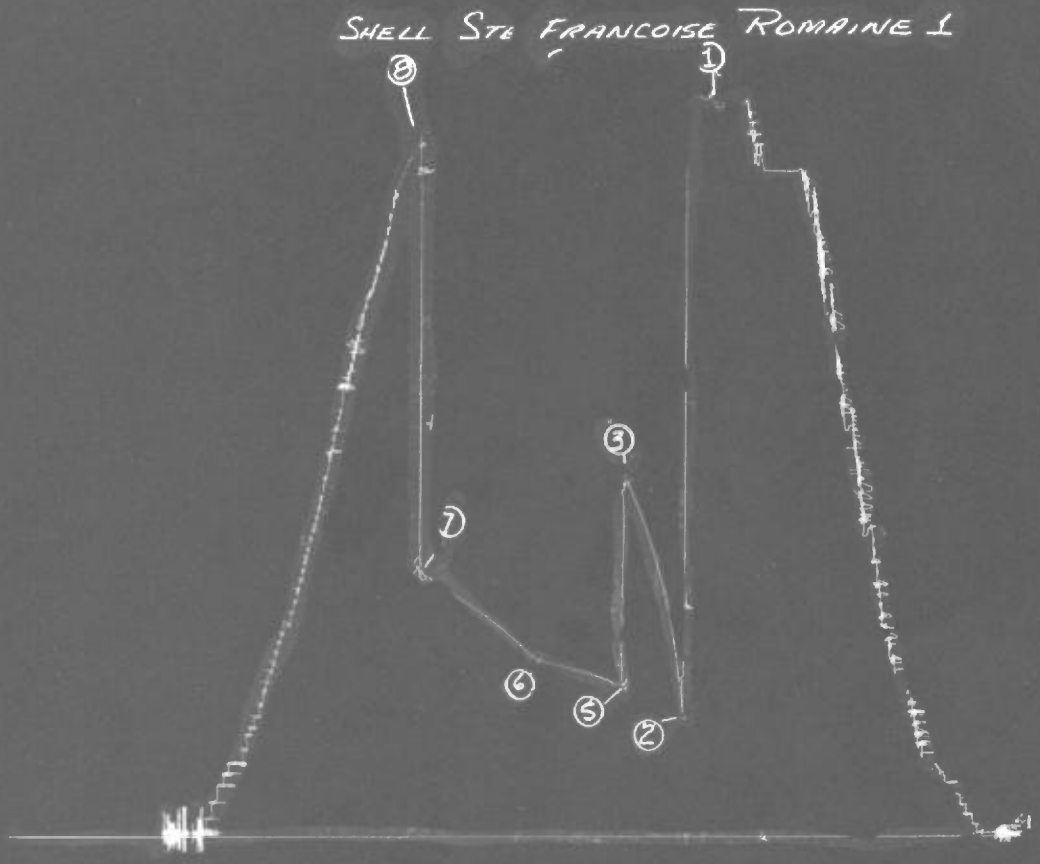
Salinity

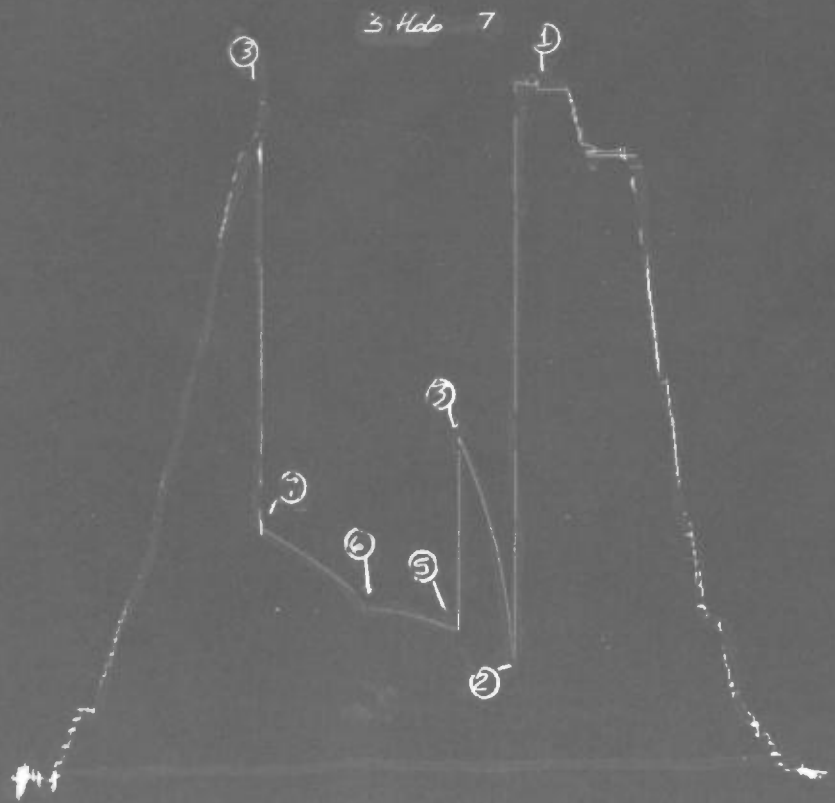
PRESSURE READINGS

	Inside X Outside	Inside X Outside	Inside X Outside	Inside X Outside
Recorder No.	4618	8398	2231	3466
Capacity	9100	6950	7200	7800
Depth	6707	6707	6517	6522

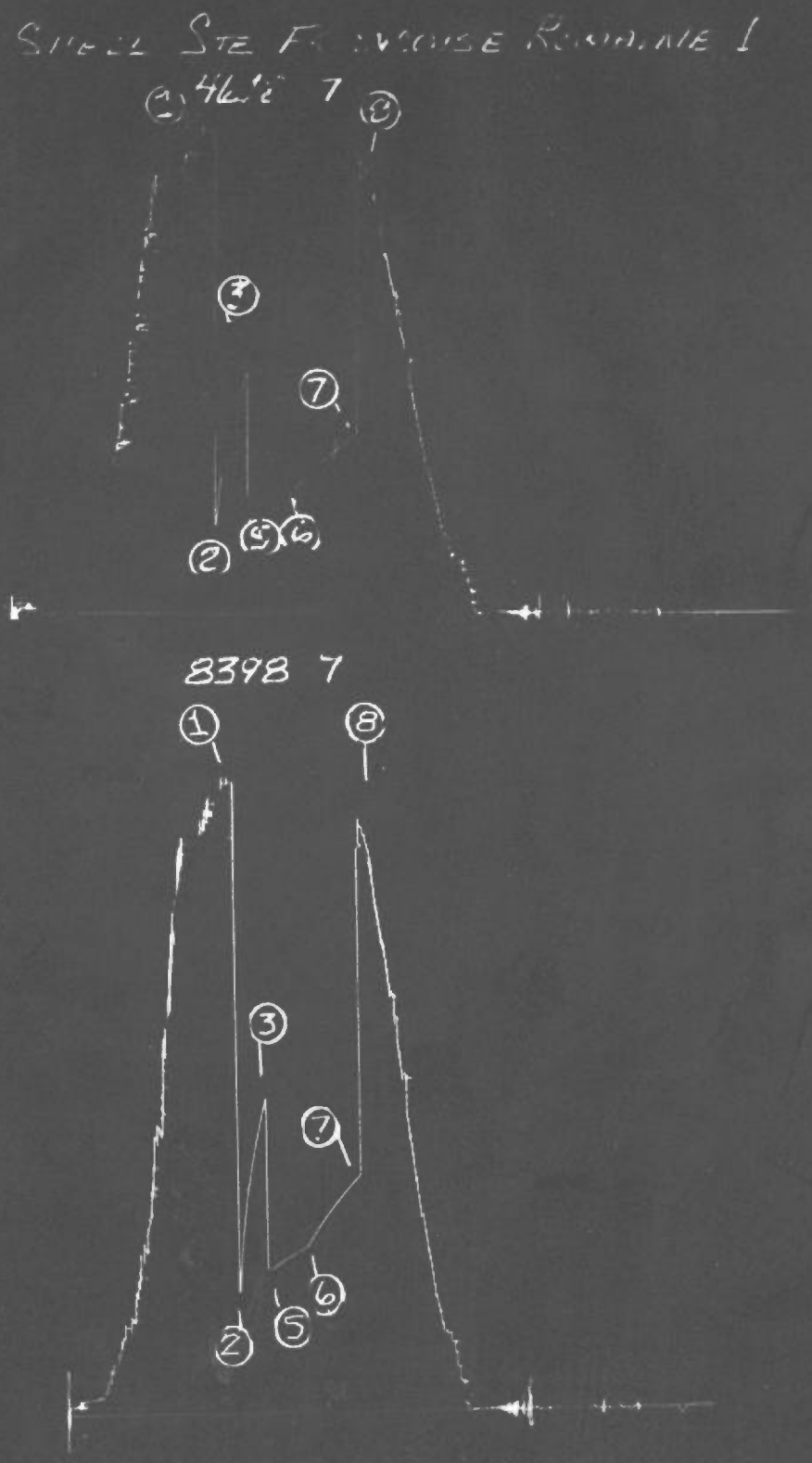
NUMBER KEY:				
1 - INITIAL HYDROSTATIC	5116	5113	5001	5033
2 - PRE-FLOW	945	971	869	882
3 - INITIAL SHUT-IN	2558	2557	2446	2459
4a - 2nd INITIAL FLOW				
4b - 2nd FINAL FLOW				
4c - 2nd SHUT-IN				
5 - 3rd INITIAL FLOW	1134	1157	1055	1082
6 - FINAL FLOW	1323	1330	1230	1238
7 - FINAL SHUT-IN	1909	1901	1814	1813
8 - FINAL HYDROSTATIC	4762	4765	4714	4730

Company: Shell Oil Canada Ltd.
Well Name and Description: Shell Ste. Francoise Romaine #1
Test No.: #7
Date of Test: April 9/72





GM-27632



GM-27632

LYNES UNITED SERVICES LTD.

WELL NAME - SHELL STE FRANCOISE POMAINE

LOCATION - NO. 1

DST NUMBER - 8

INTERVAL TESTED - 4700 TO 4745

RECORDER NO. - 8398

DEPTH - 4706

INITIAL SHUT IN PRESSURE

TIME(MIN) Φ	T + Φ / Φ	PSIG	PSIG**2 /10**6
0	0.0000	1565	2.4492
9	1.3333	3451	11.9094
18	1.1667	3480	12.1104
27	1.1111	3494	12.2080
36	1.0833	3500	12.2500
45	1.0667	3509	12.3131
54	1.0556	3515	12.3552
63	1.0476	3517	12.3693
72	1.0417	3523	12.4115
81	1.0370	3526	12.4327
90	1.0333	3529	12.4538

EXTRAPOLATION OF INITIAL SHUT-IN = 3548.56

Ministère de l'Énergie et des Ressources
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No. G.M.: 27632

LYNES UNITED SERVICES LTD.

WELL NAME - SHELL STE FRANCOISE ROMAINE

LOCATION - NO. 1

DST NUMBER - 8

INTERVAL TESTED - 4700 TO 4745

RECORDER NO. - 8398

DEPTH - 4706

SECOND SHUT IN PRESSURE

TIME(MIN) Φ	(T + Φ)/Φ	PSIG	PSIG**2 /10**6
0	0.0000	238	0.0566
60	13.0500	1226	1.5031
120	7.0250	1377	1.8961
180	5.0167	1507	2.2710
240	4.0125	1629	2.6536
300	3.4100	1739	3.0241
360	3.0083	1841	3.3893
420	2.7214	1928	3.7172
480	2.5062	2009	4.0361
540	2.3389	2082	4.3347
600	2.2050	2146	4.6053
660	2.0955	2198	4.8312
720	2.0042	2245	5.0400

EQU. FITTED LINE IS LOG((TO+Φ)/Φ)= -0.11722 PSIG**2/10**6+ 0.89274

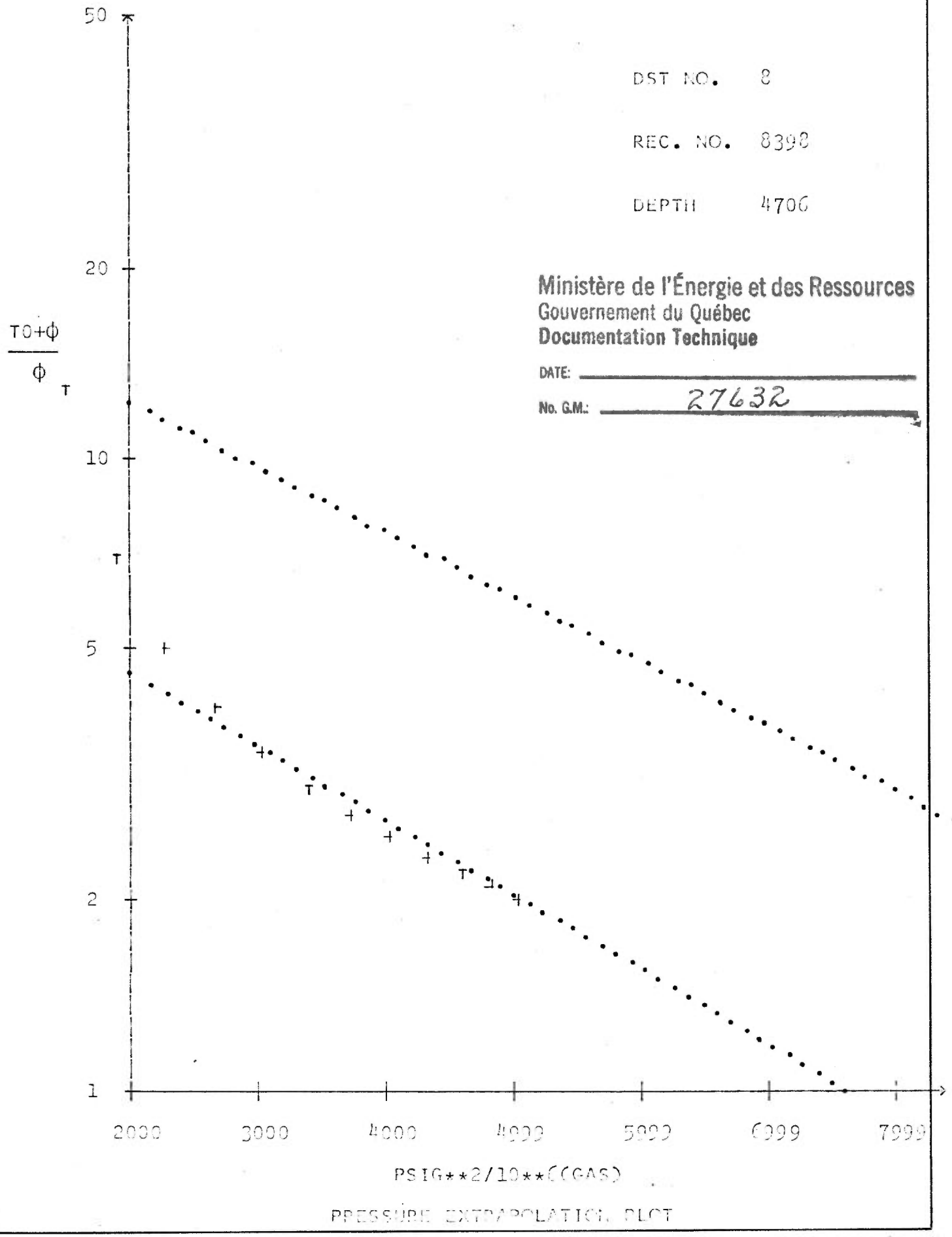
EXTRAPOLATION OF SECOND SHUT-IN = 2759.66 M=8530708.00

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Documentation Technique

DATE: _____

No. G.M.: 27632

LYNES UNITED SERVICES LTD.



DST NO. 8

REC. NO. 8398

DEPTH 4706

Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Documentation Technique

DATE: _____

No. G.M.: 27632

LYNES UNITED SERVICES LTD.

TEST DATA					GENERAL INFORMATION	
Test No.	8	Lynes Test	8			
Formation	Lorraine	T.D.	9385 Ft.		Company	Shell Oil Canada Ltd.
Interval Tested	4700 Ft. to	4745	Ft.		Address	639 Fifth Avenue S.W.
Feet of Net Pay Tested	45		Ft.			Calgary, Alberta
Type of Test	Conventional Hook Wall					
Cushion	water	Amount	1500 Ft.		Well Name	Shell Ste. Francoise Romaine
Started in Hole at	12:30 Hrs.	Tool Open at	4:47 Hrs.		Well Number	#1
Pre-Flow	3 Mins.	Initial Shut-in	90 Mins.		K.B. Elevation	298 Sub-Sea Elevation
2nd Flow	12 hours Mins.	Second Shut-in	12 hours Mins.		Area	Ste. Francoise Province Quebec
Final Flow	33 hours Mins.	Final Shut-in	Mins.		Company Rep.	B. Macnan & R. Schaffrick
Remarks:					Tester	Al Short
					Contractor	Regent Rig No. 6
					Ticket No.	4880 Date April 12/72
Blow:	Strong initial puff. Water cushion and gas to surface in 3 minutes.				Service Reports To:	7 - above address

GAS BLOW MEASUREMENTS			
Measured with			
Time	Surface Choke	Reading Inches	Cubic Feet/Day

Ministère de l'Énergie et des Ressources
Gouvernement du Québec
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DATE:
No. G.M.: 27632

MUD AND HOLE DATA	
Mud Type	Polimar
Weight	15.5 Viscosity 75 Water Loss
Filter Cake	2/32" Bottom Hole Temperature 86°
Drill Pipe Size	3 1/2IF Weight 15.50
Drill Collars	3 1/2IF I.D. 2 3/8" Feet Run 741
Main Hole or Casing Size	7 5/8"
Rathole or Liner Size	No. of Feet
Bottom Hole Choke Size	1/2"
Surface Choke Size	
Packer Rubber Size	

REMARKS

Shut-in pressures suggest a limited reservoir.

RECOVERY

TOTAL FLUID RECOVERED Ft. Consisting of:

Ft. of nil

Ft. of

Ft. of

Ft. of

Test was/was not Reverse Circulated

Oil Recovery A.P.I. Water Specific Gravity

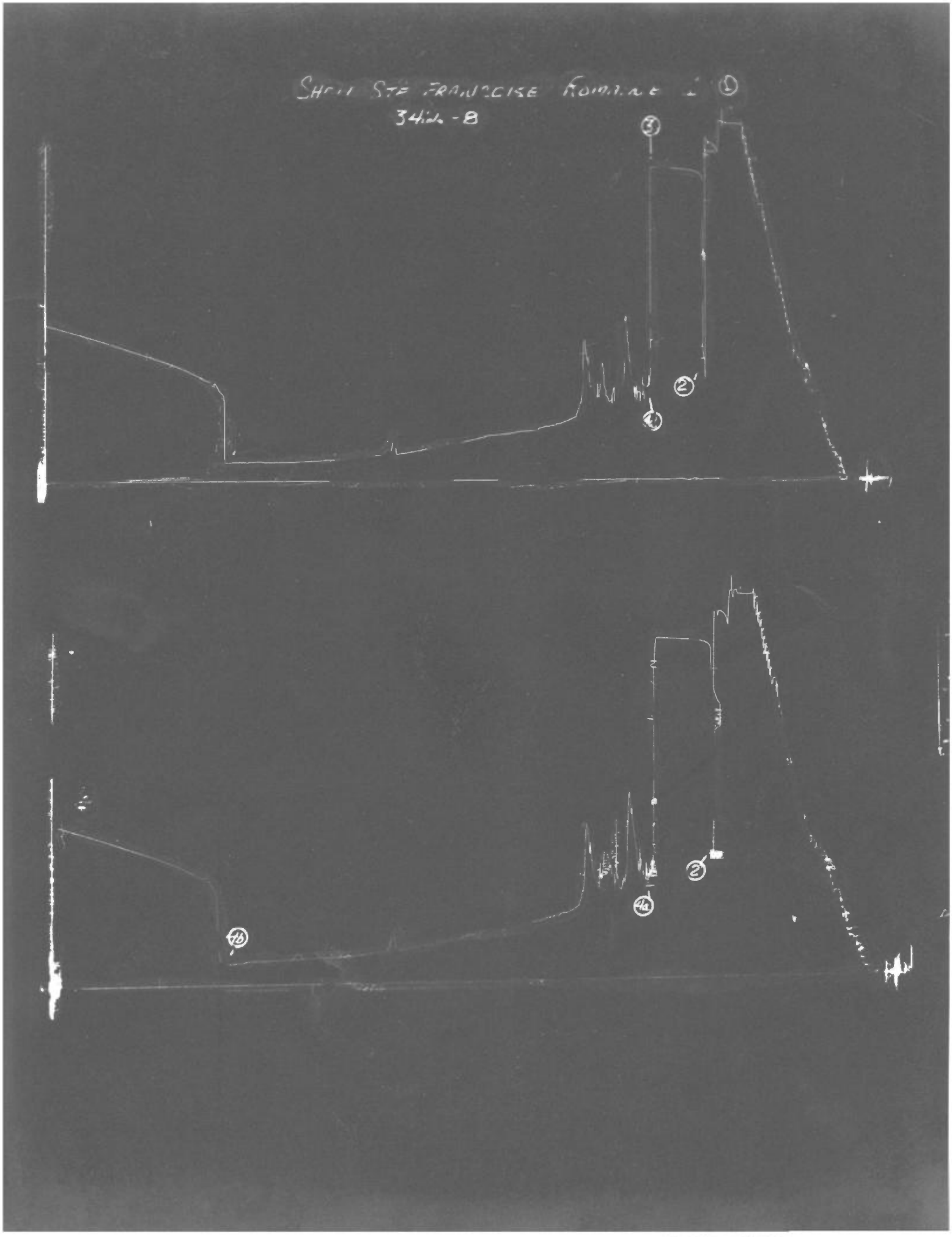
Salinity

recorder #9008
cap 45- 290
depth 4706
(2) - 86°

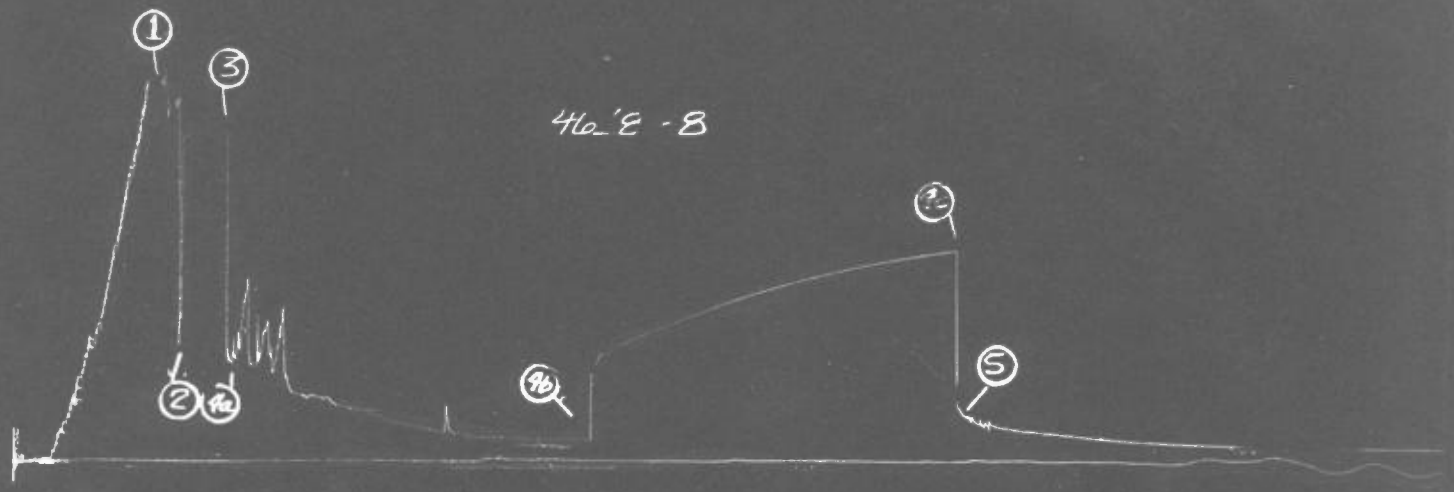
PRESSURE READINGS

	Inside X Outside	Inside X Outside	Inside Outside X	Inside Outside X
Recorder No.	3466	2231	4618	8398
Capacity	7800	7200	9100	5950
Depth	4685	4690	4706	4706
NUMBER KEY:				
1 - INITIAL HYDROSTATIC	4032	3997	4003	3991
2 - PRE-FLOW	1413	1573	1584	1565
3 - INITIAL SHUT-IN	3548	3550	3536	3529
4a - 2nd INITIAL FLOW	1117	1146	1100	1113
4b - 2nd FINAL FLOW	245	210	231	238
4c - 2nd SHUT-IN	1797	1690	2253	2245
5 - 3rd INITIAL FLOW			600	614
6 - FINAL FLOW	clock ran out	clock ran out	clock ran out	clock ran out
7 - FINAL SHUT-IN				
8 - FINAL HYDROSTATIC				

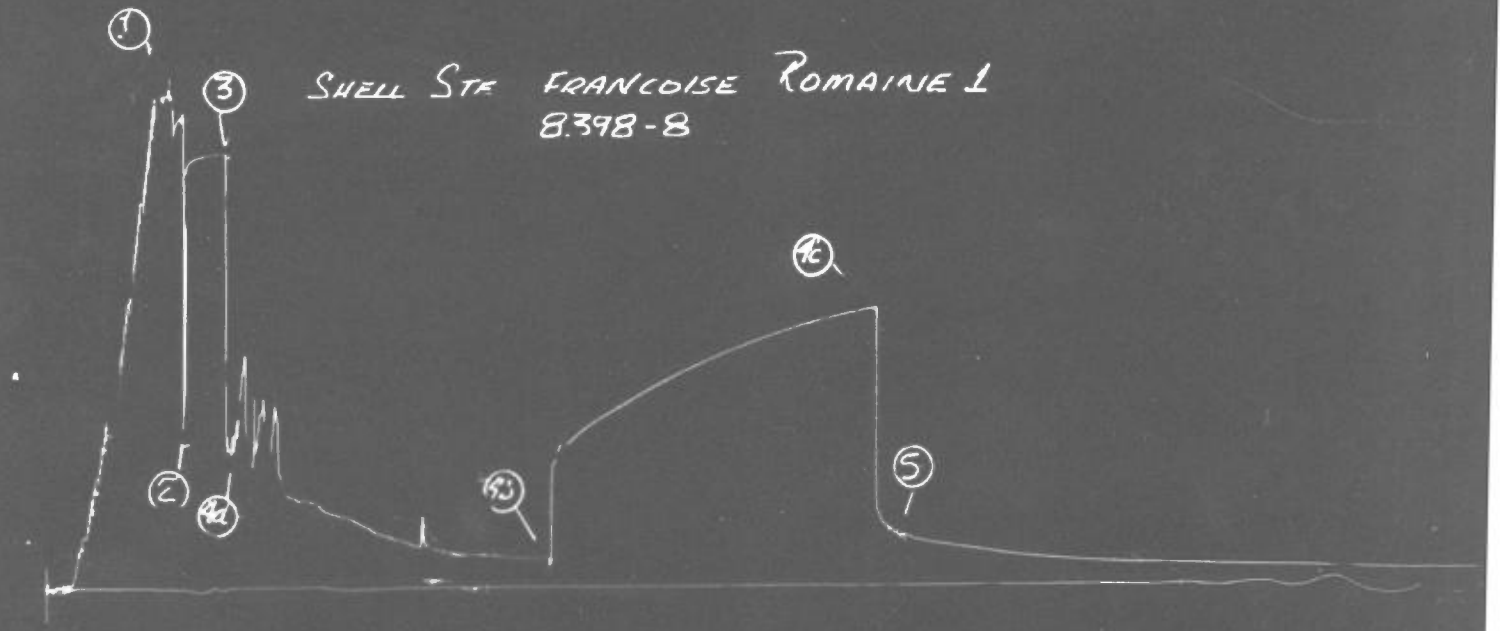
Shell Oil Canada Ltd — Company
Shell Ste. Francoise Romaine No. 1 — Well Name and Description
#8 — Test No.
April 12/72 — Date of Test



GM 27632



46_'E - 8



SHELL STE FRANCOISE ROMAINE 1
8398 - 8

7008 - 8 TEMP

2

GM 27632

DAILY DRILLING REPORT

DP-08 (10/69)

WELL NAME: Shell Ste-Françoise Romain #1

LOCATION: Lot 723-200 - Rge II Cantr Lotbinière — PROVINCE: Québec

OPERATOR: Shell Canada Limited — CONTRACTOR: Regent Drilling Ltd — RIG NO.: Six

SIGNATURE OF OPERATOR'S REPRESENTATIVE: W. Murphy — SIGNATURE OF CONTRACTOR'S TOOL PUSHER: J. Hibbard

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DAY	YEAR
				163	4	18	72

DP / DC SIZE	WT. / FT.	GRADE	MFR. I.D.	TOOL JT. O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	RD. TO ENG. MEAS.	SET AT	CEMENT (SACKS)	REMARKS

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN	8	8	8	24
2	DRILLING ACTUAL				
3	REAMING				
4	CORING				
5	CLEAN TO BOTTOM AND CIRCULATING				
6	TRIPS				
7	RIG SERVICE				
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
41	TUBING TRIPS				
42	TREATING				
43	SWABBING				
44	TESTING	Code 2040			
45					
50	ABANDON				
70	STANDBY				
	TOTALS				
HOURS FOR SHELL ACCOUNT					
	BOILER	8	8	8	24

HOLE CONDITION

HOLE DRAG (1000#)

TORQUE ON BOTTOM (DP TURNS)

FILL ON BOTTOM (FEET)

MORNING TOUR

DRILLING ASSEMBLY (NO. / CODE) AT END OF TOUR

BIT			FT.
	I.D.	O.D.	FT.
	I.D.	O.D.	FT.
	I.D.	O.D.	FT.
	I.D.	O.D.	FT.
	I.D.	O.D.	FT.
	I.D.	O.D.	FT.
DP	STANDS		FT.
DP	SINGLES		FT.
KELLY DOWN			FT.
TOTAL			FT.
WT. OF DC IN AIR			LBS.
WT. OF STRING			LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JETS 1/32"	
SERIAL NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	
WEIGHT	
VIS. SEC.	
PV/YP	
GELS.	
W.L. C.C.	
PH	
% SOLIDS	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000 #)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
9:00	5:00	9 Hrs		TEAR OUT PUMPS MUD TANKS & CENTRIFUGES CHANGE HEADS & LINERS IN BOTH PUMPS

DRILLER: D. Hibbard

DAY TOUR

DRILLING ASSEMBLY (NO. / CODE) AT END OF TOUR

BIT			FT.
	I.D.	O.D.	FT.
	I.D.	O.D.	FT.
	I.D.	O.D.	FT.
	I.D.	O.D.	FT.
	I.D.	O.D.	FT.
	I.D.	O.D.	FT.
DP	STANDS		FT.
DP	SINGLES		FT.
KELLY DOWN			FT.
TOTAL			FT.
WT. OF DC IN AIR			LBS.
WT. OF STRING			LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JETS 1/32"	
SERIAL NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	
WEIGHT	
VIS. SEC.	
PV/YP	
GELS.	
W.L. C.C.	
PH	
% SOLIDS	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000 #)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8:00	5:00	9 Hrs		TEAR OUT TARPS & FOLD UP SAME TAKE DOWN FRAMEWORK FOR TARPS & PUT AWAY

DRILLER: T. Gough

EVENING TOUR

DRILLING ASSEMBLY (NO. / CODE) AT END OF TOUR

BIT			FT.
	I.D.	O.D.	FT.
	I.D.	O.D.	FT.
	I.D.	O.D.	FT.
	I.D.	O.D.	FT.
	I.D.	O.D.	FT.
	I.D.	O.D.	FT.
DP	STANDS		FT.
DP	SINGLES		FT.
KELLY DOWN			FT.
TOTAL			FT.
WT. OF DC IN AIR			LBS.
WT. OF STRING			LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JETS 1/32"	
SERIAL NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	
WEIGHT	
VIS. SEC.	
PV/YP	
GELS.	
W.L. C.C.	
PH	
% SOLIDS	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000 #)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8:00	5:00	9 Hrs		TEAR OUT TARPS & FRAMEWORK LIGHTS ETC.

Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Documentation Technique
DATE:
No. G.M.: 27632

DRILLER: J. Hibbard

CP-35 (10/69)

DAILY DRILLING REPORT

WELL NAME: SHELL STE-FRANCOISE ROMAIN #1

LOCATION: Lot 193-200-Rge II Canton Lotbinière — PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited — SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Murphy

CONTRACTOR: Regent Drlg. Rig #6 — SIGNATURE OF CONTRACTOR'S TOOL PUSHER: J. Hallman — RIG NO.: SIR

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE: MONTH	DAY	YEAR
				162	4	17	72

OP. / DC. SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT. O.D.	TIME THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH

LAST CASING TUBING OR LINER: SIZE | WT. AND GR. | NO. OF JOINTS | FEET | RE. TO CSG. HEAD | SET AT | CEMENT USED / SACKS | REMARKS

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN		8		
2	DRILLING ACTUAL				
3	REAMING				
4	CORING				
5	CLEAN TO BOTTOM AND CIRCULATING				
6	TRIPS				
7	RIG SERVICE				
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING STRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS				
	HOURS FOR SHELL ACCOUNT				
CONTRACTOR	BOILER	8	8	8	

HOLE CONDITION

1	HOLE DRAG (1000#)	
2	TORQUE ON BOTTOM (OF TURNS)	
3	FILL ON BOTTOM (FEET)	

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	I.D.	O.D.		FT.
						FT.
						FT.
						FT.
						FT.
						FT.
						FT.
		DP	STANDS			FT.
		DP	SINGLES			FT.
		KELLY DOWN				FT.
		TOTAL				FT.
		WT. OF DC IN AIR				LBS.
		WT. OF STRING				LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JETS 1/32"	
SERIAL NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
BIT CONDITION T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	
WEIGHT	
VIS.-SEC.	
PV/YP	
GELS	
W.L.-C.C.	
PH	
% SOLIDS	
% SAND	

MUD MATERIALS ADDED: TYPE | AMOUNT | TYPE | AMOUNT

MORNING TOUR

FOOTAGE

FROM	TO	HOURS	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (MFR) PRESS.	AIR SOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD: DEPTH | DEVIATION° | DIRECTION | DEPTH | DEVIATION° | DIRECTION | DEPTH | DEVIATION° | DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12 00				LAY DOWN BOPS CLEAN MUD TANKS
	8 00			CLEAN OUT DERRICK
				CEMENTED MOUSE HOLE & RAT HOLE W/ 55SK CEMENT ENCP

DRILLER: D. Hallman

DAY TOUR

FOOTAGE

FROM	TO	HOURS	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (MFR) PRESS.	AIR SOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD: DEPTH | DEVIATION° | DIRECTION | DEPTH | DEVIATION° | DIRECTION | DEPTH | DEVIATION° | DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8 00				FINISH CLEANING MUD TANKS CLEAN OUT CELLAR CUT CASING & WELD 1/2" STEEL PLATE
	10 00	8		@ 2" DOWN
10 00	4 00	6		TEAR OUT RIG.
				RIG RELEASED 10 AM. APRIL 17 72 R. Murphy

DRILLER: P. Gray

EVENING TOUR

FOOTAGE

FROM	TO	HOURS	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (MFR) PRESS.	AIR SOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD: DEPTH | DEVIATION° | DIRECTION | DEPTH | DEVIATION° | DIRECTION | DEPTH | DEVIATION° | DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8 00				FINISH CLEANING MUD TANKS
	4 00			TEAR OUT RIG

DRILLER: J. Kelly

OP-38 (10/69)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE #1

LOCATION: LOT 727-200-REG II-CONTE LOTBINIERE | PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited | CONTRACTOR: REGENT DRILLING LTD | RIG NO.: SIX

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Murdock | SIGNATURE OF CONTRACTOR'S TOOL PUSHER: J. Sullivan

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE (MONTH / DAY / YEAR)
				161	4 / 16 / 72

DP (I.D. SIZE)	WT./FT.	GRADE	MIN. I.D.	TOOL JT. O.D.	TYPE THREAD
3½		G	2¼	4½	IF

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OILWELL	560AT	8
2	EMSCO	D700	16

LAST CASING TUBING OR LINER	SIZE	WT. AND GD.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7⅝	26-29	153	6559	17.34	6559		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	REAMING				
4	CORING				
5	CLEAN TO BOTTOM AND CIRCULATING				
6	TRIPS				
7	RIG SERVICE				
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK ON FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TESTS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45	Cadi 2070				
60	ABANDON				24
70	STANDBY				
	TOTALS				
	HOURS FOR SHELL ACCOUNT				
	BOILER				

HOLE CONDITION

1	HOLE DRAG (1000#)	
2	TORQUE ON BOTTOM (DP TERMS)	
3	FILL ON BOTTOM (FEET)	

DRILLING ASSEMBLY AT END OF TOUR

BIT — FT.

I.D. X O.D. — FT.

I.D. X O.D. — FT.

I.D. X O.D. — FT.

I.D. X O.D. — FT.

I.D. X O.D. — FT.

DP STANDS — FT.

DP SINGLES — FT.

KELLY DOWN — FT.

TOTAL — FT.

WT. OF DC IN AIR — LBS.

WT. OF STRING — LBS.

BIT RECORD

BIT NO.

SIZE

MFG.

TYPE

JETS 1/32"

SERIAL NO.

DEPTH OUT

DEPTH IN

TOTAL FTG.

TOTAL HRS. RUN

BIT CONDITION T/B/G/GAGE

REAMER CUTTER NO.

REAMER TYPE

MUD RECORD

TIME

WEIGHT

VIS-SEC

PV/YP

GELS

W.L.-C.C.

PH

% SOLIDS

% SAND

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

DRILLING ASSEMBLY AT END OF TOUR

BIT — FT.

I.D. X O.D. — FT.

I.D. X O.D. — FT.

I.D. X O.D. — FT.

I.D. X O.D. — FT.

I.D. X O.D. — FT.

DP STANDS — FT.

DP SINGLES — FT.

KELLY DOWN — FT.

TOTAL — FT.

WT. OF DC IN AIR — LBS.

WT. OF STRING — LBS.

BIT RECORD

BIT NO.

SIZE

MFG.

TYPE

JETS 1/32"

SERIAL NO.

DEPTH OUT

DEPTH IN

TOTAL FTG.

TOTAL HRS. RUN

BIT CONDITION T/B/G/GAGE

REAMER CUTTER NO.

REAMER TYPE

MUD RECORD

TIME

WEIGHT

VIS-SEC

PV/YP

GELS

W.L.-C.C.

PH

% SOLIDS

% SAND

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

DRILLING ASSEMBLY AT END OF TOUR

BIT — FT.

I.D. X O.D. — FT.

I.D. X O.D. — FT.

I.D. X O.D. — FT.

I.D. X O.D. — FT.

I.D. X O.D. — FT.

DP STANDS — FT.

DP SINGLES — FT.

KELLY DOWN — FT.

TOTAL — FT.

WT. OF DC IN AIR — LBS.

WT. OF STRING — LBS.

BIT RECORD

BIT NO.

SIZE

MFG.

TYPE

JETS 1/32"

SERIAL NO.

DEPTH OUT

DEPTH IN

TOTAL FTG.

TOTAL HRS. RUN

BIT CONDITION T/B/G/GAGE

REAMER CUTTER NO.

REAMER TYPE

MUD RECORD

TIME

WEIGHT

VIS-SEC

PV/YP

GELS

W.L.-C.C.

PH

% SOLIDS

% SAND

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

MORNING TOUR

FOOTAGE — FROM / TO

ROT. HOURS | DRILL RM-R CORE-C | CORE NO. | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT (1000#) | PUMP (GAL) PRESS. | AIR VOL. (CFM) | PUMP NO. 1: LINER SIZE, S.P.M. | PUMP NO. 2: LINER SIZE, S.P.M. | METHOD PUMPS RUN

Cut off 7⅝ at 118 K.B

Set Baker 9⅝ Model "B" Bridge Plug @ 118' K.B

Fill Cement 9⅝ casing from 117 to surface with 15.6 slurry neat

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

Cement slurry.

TIME LOG FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12⁰⁰	3³⁰	3½		CUT CASING OFF at 118' KB & PULL CASING
3³⁰	6⁰⁰	2½	6	RUN IN 20 STANDS & LAY DOWN SAME
6⁰⁰	7³⁰	1½	5	CLEAN OUT HOLE WITH 8¾" BIT
7³⁰	8⁰⁰	½		SET BRIDGE PLUG @ 114'

DRILLER: Ed Hallowell

DAY TOUR

FOOTAGE — FROM / TO

ROT. HOURS | DRILL RM-R CORE-C | CORE NO. | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT (1000#) | PUMP (GAL) PRESS. | AIR VOL. (CFM) | PUMP NO. 1: LINER SIZE, S.P.M. | PUMP NO. 2: LINER SIZE, S.P.M. | METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8⁰⁰	10⁰⁰	2		SET PLUG 116' TO SURFACE
10⁰⁰	1⁰⁰	3		LOAD OUT OLWELL, DRESSER + MALCALAH
1⁰⁰	3⁰⁰	2		LAY DOWN KELLY, MOUSE + SWIVEL
3⁰⁰	4⁰⁰	1		TEAR OUT BOPS CEMEIN MOUSE + RAT HOLE

DRILLER: Paul Boy

EVENING TOUR

FOOTAGE — FROM / TO

ROT. HOURS | DRILL RM-R CORE-C | CORE NO. | FORMATION (SHOW CORE RECOVERY) | ROTARY R.P.M. | WT. ON BIT (1000#) | PUMP (GAL) PRESS. | AIR VOL. (CFM) | PUMP NO. 1: LINER SIZE, S.P.M. | PUMP NO. 2: LINER SIZE, S.P.M. | METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4⁰⁰	8⁰⁰	8		TEAR OUT BOPS. + CLEAN MUD TANKS. CHANGE RAMS FROM 3½ TO 4½.

DRILLER: Joe Robert

CP-39 (10/99)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE #1

LOCATION: LOT 123-200-REG 11-CONTE LOTBINIERE | PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited | CONTRACTOR: REGENT DRILLING LTD | RIG NO.: SIX

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. MacKenzie | SIGNATURE OF CONTRACTOR'S TOOL PUSHER: J. Hebert

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DAY	YEAR
				160	4	15	72

DP./DC. SIZE	WT./FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3 1/2		G	2 1/4	4 1/2	I F	1	OILWELL	560 FT	8"
5 1/4-4 1/2			2 1/4	5 1/4-4 1/2	I F	2	EMSCO	D700	16

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEL.	KB TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7 5/8	26.29	153	6559	17.34	6589		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	REAMING				
4	CORING				
5	CLEAN TO BOTTOM AND CIRCULATING	6			6
6	TRIPS		5	3 1/2	8 1/2
7	RIG SERVICE				
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT	1			1
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK		1/2		1/2
18	SQUEEZE CEMENT		2 1/2		2 1/2
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
41	TUBING TRIPS				
42	TREATING		Code 2070		
43	SWABBING				
44	TESTING				
45	PULL CASING			4 1/2	4 1/2
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
CONTRACTOR	BOILER	8	8	8	24

HOLE CONDITION

1	HOLE DRAG (1000#)	
2	TORQUE ON BOTTOM (OF TURNS)	
3	FILL ON BOTTOM (FEET)	

DRILLING ASSEMBLY — NO. | CODE | AT END OF TOUR

BIT — FT.

I.D. | O.D. | X — FT.

DP STANDS — FT.

DP SINGLES — FT.

KELLY DOWN — FT.

TOTAL — FT.

WT. OF DC IN AIR — LBS.

WT. OF STRING — LBS.

REAMER CUTTER NO.

REAMER TYPE

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JETS 1/32"	
SERIAL NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
BIT CONDITION T/B/GAGE	

MUD RECORD

TIME	
WEIGHT	28 / 13.0
VIS.-SEC.	72 / 72
PV/YP	/ /
GELS.	/ /
W.L.-C.C.	
PH	
% SOLIDS	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
GAMITE	55 SXS		

MORNING TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG FROM	TIME LOG TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12 00	7 00	7	5	CIRC. & CONDITION MUD
7 00	8 00	1	12	HEAD UP TO CEMEN & RUN CEMENT
PLUG NO 4		4815	4285	POSITIONED DRILLPIPE AT 4815. MIXED 200 cuft OF SLURRY. DISPLACED SAME WITH 23 bbl WATER 243 bbls MUD TO 3935 IN THE DRILLPIPE. PULLED UP AND POSITIONED BOTTOM OF PIPE AT 3860. CLOSED RAMS AND BACKWASHED APP 6 BBLS OF SLURRY CIRCULATED TO SURFACE. ATTEMPTED TO SQUEEZE INTO PERFORATIONS

DRILLER: Ed Holland

DAY TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
					AFTER BACKWASH, APPLIED STARTING SURFACE PRESSURE OF 1250 PSI WITH 1½ BBL OF MUD WHEN NO FEEDOFF OCCURED, SLOWLY RAISED PRESSURE TO 2200 HELD FOR 20 MIN NO BLEED OFF RELEASED PRESSURE REAPPLIED AND RAISED PRESSURE TO 2900 PSI HELD FOR 20 MIN.									

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
NO DRIFT	FELT PLUG 5 @ 4245 WITH 30,000 lbs.							

TIME LOG FROM	TIME LOG TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
5 00	8 30	1½	14	PLUG DOWN AT 8.30
8 30	11 00	2 1/2	16	PULL 10STD REV. CIRC + SQUEEZE
11 00	3 00	4	6	P.O.H. LAY DOWN 60 SINGLES + 24 D.C.
3 00	4 00	1	6	RUN IN FOR PLUG
TAG PLUG @ 4285'				

DRILLER: Pat Sauvé

EVENING TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG FROM	TIME LOG TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4 30	7 30	3 1/2	6	STAND BACK 21 STANDS LAY DOWN 90 SINGLES
7 30	8 30	1		W.O.D.
8 30	12 00	3 1/2	45	PICK UP CASING CUTTER + CUT CASING AT 480' + TRY TO PULL CASING.

DRILLER: Ed Holland

CP-38 (10/69)

DAILY DRILLING REPORT

WELL NAME: SHELL [redacted] STE FRANCOISE ROMAINE #1

LOCATION: LOT 723-200 RANG II-CONT LOTBINIERE | PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited | CONTRACTOR: RECENT DRILLING LTD. | RIG NO: 6

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mazuruk | SIGNATURE OF CONTRACTOR'S TOOL PUSHER: J. Hollebeen

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE: MONTH	DAY	YEAR
				159	4	14	72

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3½			2¼	4½	IF	1	OILWELL	5600	8"
5½/6¼			2¼	5¾/4¾	IF	2	RMSCO	1700	16"

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	RD. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	9⅝	29	153	6559	19.34	6559		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	REAMING				
4	CORING				
5	CLEAN TO BOTTOM AND CIRCULATING				
6	TRIPS		1¼	3¼	4½
7	RIG SERVICE				
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST	8	6¼		14¼
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS			2	2
21	CONDITION MUD			2¼	2¼
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING		7		
COMPLETION 45			Code 204		
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
CODE 1	BOILER	8	8	8	

HOLE CONDITION

1	HOLE DRAG (1000#)
2	TORQUE ON BOTTOM (OP THRUS)
3	FILL ON BOTTOM (FEET)

MORNING TOUR

DRILLING ASSEMBLY (NO. / CODE) AT END OF TOUR

BIT — FT.

	I.D.	O.D.	
		X	FT.
			FT.
			FT.
			FT.
			FT.
			FT.
DP	STANDS		FT.
DP	SINGLES		FT.
KELLY DOWN			FT.
TOTAL			FT.
WT. OF DC IN AIR			LBS.
WT. OF STRING			LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JETS 1/32"	
SERIAL NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	
WEIGHT	
VIS.-SEC.	
PV/YP	
GELS.	
W.L.-C.C.	
PH	
% SOLIDS	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	BOT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12 [illegible]	8 [illegible]	8	16	DST #8

DRILLER: Joe Robert

DAY TOUR

DRILLING ASSEMBLY (NO. / CODE) AT END OF TOUR

BIT — FT.

	I.D.	O.D.	
		X	FT.
			FT.
			FT.
			FT.
			FT.
			FT.
DP	STANDS		FT.
DP	SINGLES		FT.
KELLY DOWN			FT.
TOTAL			FT.
WT. OF DC IN AIR			LBS.
WT. OF STRING			LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	TEST
TYPE	
JETS 1/32"	TOOL
SERIAL NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	
WEIGHT	
VIS.-SEC.	
PV/YP	
GELS.	
W.L.-C.C.	
PH	
% SOLIDS	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	BOT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8 00	2 45	6¾	16	DST #8 4700-4743
2 45	3 00	¼	16	SHUT IN TEST TOOL
3 00	4 00	1	6	PULL OUT. PREFLOW 3 MIN. I.C. 99¾ MCF/D; INITIAL SHUT IN 90 MIN.; FINAL SECOND SHUT IN 12 HRS.
				BST NO. 8 GTS IN 2 MIN. FLOW RATE 2.9 MMCF/D INCREASING TO 0.350 MMCF/D AFTER FLOWING FOR 49¾ HRS.
				HMP 3980 PREFLOW 1275 ISIP 3515 FSIP 3210 IHP IHP FP 303/446

DRILLER: [illegible] Hollebeen

EVENING TOUR

DRILLING ASSEMBLY (NO. / CODE) AT END OF TOUR

BIT — FT.

	I.D.	O.D.	
		X	FT.
			FT.
			FT.
			FT.
			FT.
			FT.
DP	STANDS		FT.
DP	SINGLES		FT.
KELLY DOWN			FT.
TOTAL			FT.
WT. OF DC IN AIR			LBS.
WT. OF STRING			LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JETS 1/32"	
SERIAL NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	10
WEIGHT	12.5
VIS.-SEC.	60
PV/YP	
GELS.	
W.L.-C.C.	
PH	
% SOLIDS	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
SAWDUST	20 SK		
42 SAW GEL			

FOOTAGE

FROM	TO	BOT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
					LOST 100 BBLS OF 15.5 MUD AND 70 BBLS OF 12.5 TO FORMATION AFTER TEST WHILE TRIPPING OUT WITH TESTTOOLS									

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4 00	4 30	½	6	P.O.H. NOT TAKING PROPER AMT FLUID
4 30	5 30	1	21	31 STDS OUT PUMP DOWN 100 BBLS 15.8 MUD NOT HOLDING
5 30	7 00	2½	21	PUMP DOWN 70 BBLS. 12.5 MUD HELD 5 MIN.
7 00	11 00	2	6	R.O.H. MUD / HANDLE TOOLS R&M
11 00	11 45	¾	6	FINISH OUT LAY DOWN TEST TOOLS LOAD OUT
11 45	12 00	¼	2	RUN IN 305 JTS OPEN END
				CIRC + OBSERVE HOLDING.

DRILLER: [illegible]

CP-38 (10/69)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISIE ROMAINE #1

LOCATION: LOT 723 - 200 RIEL-LI-CONTE LOTBINIERE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: A. Muffitt

CONTRACTOR: REGENT DRILLING LTD.

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: J. Hubert

RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE (MONTH / DAY / YEAR)
				158	4 / 13 / 72

DP./DC. SIZE	WT./FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3½		16	2¼	4½	IF	1	OILWELL	560E	8"
5¼ & 4¾			2¼	5 5/8 & 4¾	EF	2	IDECO	0700	16"

LAST CASING TUBING OR LINER

SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
7⅝	29 & 29	157	6559	17.34	6559		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	REAMING				
4	CORING				
5	CIRCULATE TO BOTTOM AND CIRCULATING				
6	TRIPS				
7	RIG SERVICE				
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAI. ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.	8			
16	DRILL STEM TEST		8	8	24
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45		Cooke 2065			
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
CONTRACTOR	BOILER	8	8	8	24

HOLE CONDITION

1	HOLE DRAG (1000#)	
2	TORQUE ON BOTTOM (DP TURNS)	
3	FILL ON BOTTOM (FEET)	

MORNING TOUR

DRILLING ASSEMBLY — NO. | CODE | AT END OF TOUR

	I.D.	O.D.	FT.
BIT			
	X		
	X		
	X		
	X		
	X		
	X		
	X		
DP STANDS			
DP SINGLES			
KELLY DOWN			
TOTAL			
WT. OF DC IN AIR			LBS.
WT. OF STRING			LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JETS 1/32"	
SERIAL NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	
WEIGHT	
VIS.-SEC.	
PV/YP	
GELS.	
W.L.-C.C.	
PH	
% SOLIDS	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12 00	8 00	8	16	D.S.T.
				OPEN TOOL AT. 6.15 A.M.
12 00	6 15	6 1/4		TOOL SHUT IN

DRILLER: Joe Kohat

DAY TOUR

DRILLING ASSEMBLY — NO. | CODE | AT END OF TOUR

	I.D.	O.D.	FT.
BIT			
	X		
	X		
	X		
	X		
	X		
	X		
	X		
DP STANDS			
DP SINGLES			
KELLY DOWN			
TOTAL			
WT. OF DC IN AIR			LBS.
WT. OF STRING			LBS.

TEST TOOL

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JETS 1/32"	
SERIAL NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	
WEIGHT	
VIS.-SEC.	
PV/YP	
GELS.	
W.L.-C.C.	
PH	
% SOLIDS	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8 00	4 00	8	6	DST #8 FLOWING

DRILLER: Ed Mallard

EVENING TOUR

DRILLING ASSEMBLY — NO. | CODE | AT END OF TOUR

	I.D.	O.D.	FT.
BIT			
	X		
	X		
	X		
	X		
	X		
	X		
	X		
DP STANDS			
DP SINGLES			
KELLY DOWN			
TOTAL			
WT. OF DC IN AIR			LBS.
WT. OF STRING			LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JETS 1/32"	
SERIAL NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	
WEIGHT	
VIS.-SEC.	
PV/YP	
GELS.	
W.L.-C.C.	
PH	
% SOLIDS	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4 00	12 00	8	16	D.S.T. #8 FLOWING
				~~SHUT IN~~

DRILLER: Paul Gray

CP-38 (10/69)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE # 1

LOCATION: LOT # 723-200-REG-11 CONSIS LOT AINERIE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. MacPhail

CONTRACTOR: REGENT DRILLING LTD.

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: J. Nadeau

RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE (MONTH / DAY / YEAR)
				157	4 / 12 / 72

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT. O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
5 1/2			2 1/4	4 1/2	IF	1	OILWELL	560	8"
5 1/2 + 4 1/2			2 1/4	4 3/4 + 5 1/2	IF	2	EMSCO	1700	16"

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7 5/8	29.7	153	6559	17.35	6559		

TIME DISTRIBUTION — HOURS

LINE NO.	OPERATION	MORN.	DAY	EVE	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	REAMING				
4	CORING				
5	CIRC. TO BOTTOM AND CIRCULATING				
6	TRIPS	3			3
7	RIG SERVICE	1/4			1/4
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST	4 3/4	8	8	4
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS	1/2			
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING	4	8		16
45					
60	ABANDON	Code 200			
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	Code 200	8	8	24
CONTRACTOR	BOILER	8	8	8	24

HOLE CONDITION

1	HOLE DRAG (1000#)
2	TORQUE ON BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR — NO. / CODE

BIT — FT.

DP STANDS — FT.

DP SINGLES — FT.

KELLY DOWN — FT.

TOTAL — FT.

WT. OF DC IN AIR — 39,000 LBS.

WT. OF STRING — 80,000 LBS.

BIT RECORD

BIT NO.	SIZE	MFG.	TYPE	JETS 1/32"	SERIAL NO.	DEPTH OUT	DEPTH IN	TOTAL FTG.	TOTAL HRS. RUN	BIT CONDITION 1/8" T/B/GAGE	REAMER CUTTER NO.	REAMER TYPE

MUD RECORD

TIME	WEIGHT	VIS.-SEC.	PV / YP	GELS	W.L.-C.C.	PH	% SOLIDS	% SAND
			/	/				

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG FROM	TIME LOG TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12 00	12 30	1/2		MAKE UP TEST TOOLS
12 30				RUN IN + MEASURE IN + RUN 1500 FT. OF
3 30	3 30	3		WATER CUSHION
3 30	3 45	1/4		CHECK MOTOR KILL + BOP'S
3 45	8 00	4 1/4		RIG UP TO TEST + TEST. DST #8

DRILLER: Jack Robert

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR — NO. / CODE

BIT — FT.

DP STANDS — FT.

DP SINGLES — FT.

KELLY DOWN — FT.

TOTAL — FT.

WT. OF DC IN AIR — LBS.

WT. OF STRING — LBS.

BIT RECORD

BIT NO.	SIZE	MFG.	TYPE	JETS 1/32"	SERIAL NO.	DEPTH OUT	DEPTH IN	TOTAL FTG.	TOTAL HRS. RUN	BIT CONDITION 1/8" T/B/GAGE	REAMER CUTTER NO.	REAMER TYPE
				TEST		TOOL						

MUD RECORD

TIME	WEIGHT	VIS.-SEC	PV / YP	GELS	W.L.-C.C.	PH	% SOLIDS	% SAND
			/	/				

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
					PACKER SET 4685									

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG FROM	TIME LOG TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8	4	8	44	DRILL STEM TEST # 8
				4700 - 4743
				M. KOUNIS CHRS TRAVEL FROM EDMONTON

DRILLER: Ed Sollard

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR — NO. / CODE

BIT — FT.

DP STANDS — FT.

DP SINGLES — FT.

KELLY DOWN — FT.

TOTAL — FT.

WT. OF DC IN AIR — LBS.

WT. OF STRING — LBS.

BIT RECORD

BIT NO.	SIZE	MFG.	TYPE	JETS 1/32"	SERIAL NO.	DEPTH OUT	DEPTH IN	TOTAL FTG.	TOTAL HRS. RUN	BIT CONDITION 1/8" T/B/GAGE	REAMER CUTTER NO.	REAMER TYPE

MUD RECORD

TIME	WEIGHT	VIS.-SEC.	PV / YP	GELS	W.L.-C.C.	PH	% SOLIDS	% SAND
			/	/				

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG FROM	TIME LOG TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4 00	12	8	16	D.S.T. OPEN
				SHUT IN AT 6.15

DRILLER: Paul Bury

CP-38 (10/69)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE #1

LOCATION: LOT 727-200-PTIE-N-CONTE LOTBINIERE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Murphy

CONTRACTOR: REGANT DRILLING LTD.

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: J. Gibbons

RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE: MONTH	DAY	YEAR
	TD			156	11	12	72

DP / DC SIZE	WT / FT	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD

PUMP NO. | PUMP MANUFACTURER | TYPE | STROKE LENGTH

LAST CASING TUBING OR LINER: SIZE 7 5/8 | WT. AND GR. 26.4 N-80 | NO. OF JOINTS | FEET 6539 | RD. TO CSG. HEAD | SET AT | CEMENT USED (SACKS) | REMARKS

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MIDNIGHT	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	REAMING				
4	CORING				
5	CLEAN TO BOTTOM AND CIRCULATING			4½	4½
6	TRIPS	2	1¼	2	5¼
7	RIG SERVICE	½			½
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE		1		1
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.	3½			
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS		1¼	1½	2¾
21	CONDITION MUD				
22	LOST CIRCULATION				
23	RIG REPAIR	1¼		3¾	5
24					
COMPLETION 40	PERFORATE	4	4½		8½
COMPLETION 41	TESTING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING		Code 2005		
45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	
	HOURS FOR SHELL ACCOUNT				24
CONTRACTOR'S REPORT	BOILER	8	8	8	24

HOLE CONDITION

1. HOLE DRAG (1000#)
2. TORQUE ON BOTTOM (OF POUNDS)
3. FILL ON BOTTOM (FEET)

DRILLING ASSEMBLY — NO. | CODE | AT END OF TOUR

BIT | I.D. | O.D. | X | FT

DP | STANDS | FT

DP | SINGLES | FT

KELLY DOWN | FT

TOTAL | FT

WT. OF DC IN AIR | LBS.

WT. OF STRING | LBS.

BIT RECORD

BIT NO.
SIZE
MFG.
TYPE
JETS 1/32"
SERIAL NO.
DEPTH OUT
DEPTH IN
TOTAL FTG.
TOTAL HRS. RUN
BIT CONDITION I/B/G
REAMER CUTTER NO.
REAMER TYPE

MUD RECORD

TIME
WEIGHT
VIS-SEC.
PV/YP
GELS
W.L.-C.C.
PH
% SOLIDS
% SAND

MUD MATERIALS ADDED: TYPE | AMOUNT | TYPE | AMOUNT

MORNING TOUR

FOOTAGE

FROM	TO	HOURS	DRL-O / DRL-R / CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD: DEPTH | DEVIATION° | DIRECTION | DEPTH | DEVIATION° | DIRECTION | DEPTH | DEVIATION° | DIRECTION

TIME LOG FROM	TIME LOG TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12 00	2 00	2	6	PULL OUT
2 00	2 15	¼	7	CHECK BOPS
2 15	4 00	1¾	14	TEAR OUT FLOW NIPPLE + RISER +
4 00	8 00	4	40	RIG UP TO PERFORATE + PERFORATE

DRILLER: J. Robert

DAY TOUR

FOOTAGE

FROM	TO	HOURS	DRL-O / DRL-R / CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
PERFORATE					7 5/8 CASING 4700 - 4742.5									
					4700 - 4720 two 4" jet shots p. foot									
					4720 - 4732.5 one 4" jet shot p. foot									

DEVIATION RECORD: DEPTH | DEVIATION° | DIRECTION | DEPTH | DEVIATION° | DIRECTION | DEPTH | DEVIATION° | DIRECTION

TIME LOG FROM	TIME LOG TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8 00	12 30	4½	40	PERFORATE CASING AT 4700' TO 4745'
12 30	1 45	1¼	20	TEAR OUT RISER & RIG UP FLOW NIPPLE
1 45	2 45	1	9	CUT & SLIP 80' LINE
2 45	4 00	1¼	6	RUN IN HOLE

M. KORPAK 8 HRS TRAVEL FROM EDMONTON

DRILLER: Ed Hallard

EVENING TOUR

FOOTAGE

FROM	TO	HOURS	DRL-O / DRL-R / CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD: DEPTH | DEVIATION° | DIRECTION | DEPTH | DEVIATION° | DIRECTION | DEPTH | DEVIATION° | DIRECTION

TIME LOG FROM	TIME LOG TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4 00	8 30	4½	5	CIRC
8 30	10 30	2	6	P.O.H.
10 30	12 00	1½	20	MAKE UP TEST TOOL NO 8

DRILLER: Ed Hallard

BIT RECORD: BIT NO. 2 WHEN WORKED | SIZE | MFG. DH ST. FLAURA | TYPE LEASE 8 HRS. | JETS 1/32" | SERIAL NO. | DEPTH OUT | DEPTH IN | TOTAL FTG. | TOTAL HRS. RUN | BIT CONDITION I/B/G | REAMER CUTTER NO. | REAMER TYPE

MUD RECORD: TIME 6 30 800 | WEIGHT 15.3 15.5 | VIS-SEC 78 75 | PV/YP | GELS 22/71 | W.L.-C.C. 15.0 | PH 12.0 | % SOLIDS | % SAND

MUD MATERIALS ADDED: TYPE | AMOUNT

Straight 925 CUTTING FOR MOST MUD W CAME DOWN TO 15.3 CAME BACK TO 15.5 MUD IN GOOD SHAPE NO ADDITIVES

CP-38 (10/69)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE #1

LOCATION: LOT 723-260-R136-11-CONTR. LOTBINIERE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [illegible]

CONTRACTOR: RIGGANT DRILLING LTD

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: [illegible]

RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE (MONTH)	DATE (DAY)	DATE (YEAR)
				155	4	10	73

DP / DC. SIZE	WT. / FT.	GRADE	HRS. R.D.	TOOL JT O.D.	TYPE THREAD
3½			2½	4½	IF
5"			2½	5¾	IF

PUMP MANUFACTURER

PUMP NO.	MANUFACTURER	TYPE	STROKE LENGTH
1	OILWELL	560P	8"
2	EMSCO	D700	16"

LAST CASING TUBING OR LINER

SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT (SIZE + SACKS)
7⅝	26/29	153	6559	17.74	6554	

REMARKS

TIME DISTRIBUTION – HOURS

CODE NO.	OPERATION	HOURS DAY	HOURS TOUR	HOURS TOTAL
1	RIG UP TEAR DOWN			
2	DRILLING ACTUAL			
3	REAMING			
4	CORING			
5	CLEAN TO BOTTOM AND CIRCULATING			
6	TRIPS	4½	6½	11¾
7	RIG SERVICE			
8	RIG REPAIR			
9	CUT AND/OR SLIP LINE			
10	DEVIATION SURVEY			
11	WIRE LINE LOG			
12	RUN CASING AND CEMENT			
13	WAIT ON CEMENT	3½	1½	5
14	NIPPLE UP B.O.P.			
15	TEST B.O.P.			
16	DRILL STEM TEST			
17	PLUG BACK			
18	SQUEEZE CEMENT			
19	STUCK OR FISHING			
20	HANDLE TOOLS			
21	CONDITION MUD	Rack Up	6¼	6¼
22	LOST CIRCULATION			
23	Run Plug		1	1
24				
COMPLETION 40	PERFORATE			
COMPLETION 41	TUBING TRIPS			
COMPLETION 42	TREATING			
COMPLETION 43	SWABBING			
COMPLETION 44	TESTING	Code 2010		
COMPLETION 45				
60	ABANDON			
70	STANDBY			
	TOTALS	8	8	8
	HOURS FOR SHELL ACCOUNT			
CONTRACTOR'S EQUIPMENT	BOILER		8	

HOLE CONDITION

1	HOLE DRAG (1000#)
2	TORQUE ON BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT ____ FT.

I.D. O.D. X ____ FT.

DP ____ STANDS ____ FT.

DP ____ SINGLES ____ FT.

KELLY DOWN ____ FT.

TOTAL ____ FT.

WT. OF DC IN AIR ____ LBS.

WT. OF STRING ____ LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JETS 1/32"	
SERIAL NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
BIT CONDITION T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	
WEIGHT	
VIS./SEC.	
PV/YP	
GELS	
W.L./CC.	
PH	
% SOLIDS	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

MORNING TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-O RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (ARI) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12 PM	3 PM	3	6	PULL OUT + PICK UP BIT SUB + BIT + RUN IN 53 STANDS
3 PM	6 30	3½	WOC 13	CIRC
6 30	7 PM	½	6	RUN IN + FILL PLUG #3 @ 6070.
7 PM	8 PM	1	6	PULL OUT

DRILLER: Joe Robert

DAY TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-O RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (ARI) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
Set BAKER MODEL K BRIDGE PLUG AT 5116'														

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8 00	9 00	1	6	PULL OUT
9 00	11 30			PICK UP CEMENT RETAINER + RUN IN
		2½	6	HOLE SLOWLY (MEASURE IN)
11 30	1 15	1¾	6	SET RETAINER + PULL OUT.
1 15	2 30	1¼	6	RUN IN OPEN END
2 30	4 00	1½	5	CIR.

DRILLER: Ed Gallant

EVENING TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-O RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (ARI) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
5116 PLUG	4°	5116 - 4895			50 Cu ft 15.6 neat slurry									
70 displaced with 2 Bbl. water - 30 Bbls of mud														
Plug down 5:00 PM. Set on top of Bridge Plug.														

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
Reverse circulate from 4810								

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4 00	5 00	1		RUN PLUG NO 4
5 00	5 45	¾		PULL 3 STANDS REV. CIRC
5 45	11 PM	6		CIRC MIX BARITE WOC
				FEEL PLUG AT 4895 4925

DRILLER: Paul Sup

BIT RECORD

BIT NO.	Stab Insert
SIZE	Finish
MFG.	displacement
TYPE	
JETS 1/32"	
SERIAL NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
BIT CONDITION T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	10 PM
WEIGHT	15.5
VIS./SEC.	64
PV/YP	
GELS	
W.L./CC.	
PH	
% SOLIDS	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Barite	480		
Salt	400 USED		
On Floor Thrown Out Hole			

CP-38 (10/69)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISIE ROMAINE #2

LOCATION: LOT 723-200-REG-11 CONTE LOTBINIERE | PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited | CONTRACTOR: REGENT DRILLING | RIG NO.: 6

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mastrick | SIGNATURE OF CONTRACTOR'S TOOL PUSHER: J. Hebbourn

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE: MONTH	DAY	YEAR
				154	4	9	72

DP (IN) SIZE	WT./FT.	GRADE	MFG. I.D.	TOOL JT. O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3½		G	2⅝	4½	IF	1	OILWELL	560	
5			2⅝	5 9/16	IF	2	EMSCO	D760	

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT (SACKS)	REMARKS
	7⅝	29.7	153	6559	17.34	6559		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	HOURS DAY	HOURS ENG.	HOURS TOTAL
1	RIG UP TEAR DOWN			
2	DRILLING ACTUAL			
3	REAMING			
4	CORING			
5	CLEAN TO BOTTOM AND CIRCULATING	5	2½	2¾
6	TRIPS	3½	2½	11
7	RIG SERVICE			¼
8	RIG REPAIR			
9	CUT AND/OR SLIP LINE			
10	DEVIATION SURVEY			
11	WIRE LINE LOG			
12	RUN CASING AND CEMENT			
13	WAIT ON CEMENT			
14	NIPPLE UP B.O.P.			
15	TEST B.O.P.			
16	DRILL STEM TEST	4½	¼	5¼
17	PLUG BACK			
18	SQUEEZE CEMENT			
19	STUCK OR FISHING			
20	HANDLE TOOLS		2¼	2¼
21	CONDITION MUD			
22	LOST CIRCULATION			
23	Plug		¾	¾
24				
COMPLETION 40	PERFORATE			
41	TUBING TRIPS			
42	TREATING			
43	SWABBING			
44	TESTING	NO 4TH 2045 2070	50¼	
45				
60	ABANDON			
70	STANDBY	8	8	8
	TOTALS			
	HOURS FOR SHELL ACCOUNT			
CONTRACTOR	BOILER			

HOLE CONDITION

1	HOLE DRAG (1000#)
2	TORQUE ON BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			FT.
		BIT		FT.
24	DC	I.D. X	O.D.	FT.
12	HW	I.D. X	O.D.	FT.
		I.D. X	O.D.	FT.
		I.D. X	O.D.	FT.
		I.D. X	O.D.	FT.
		I.D. X	O.D.	FT.
56	DP	STANDS		FT.
1	DP	SINGLES		FT.
KELLY DOWN				FT.
TOTAL				FT.
WT. OF DC IN AIR				LBS.
WT. OF STRING				LBS.

BIT RECORD

BIT NO.	76
SIZE	6-3/4
MFG.	
TYPE	
JETS 1/32"	
SERIAL NO.	TX500
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	
WEIGHT	
VIS-SEC.	
PV/YP	
GELS	
W.L.-CC	
PH	
% SOLIDS	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR'G RW-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12 00	7 30	3½	6	RUN IN "MEASURE IN" RUN 1500' OF WATER CUSHION
7 30	8 00	4½	16	RIG UP TO TEST + TEST DST # 7: 6532-7260 TO - 2 90, SI - 60 120 GIP and fair air blow on PF, FAB on FF, NGTS. BOMB # 2231 (6519') HP: 4942 - 4797 FP: 3433 - 1814 SIP: 1047 - 1230 Recovered: 1250' SACWC, 180' MCWC, 740' SACMUD

DRILLER: Ed Holland

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			FT.
		BIT		FT.
		I.D. X	O.D.	FT.
		I.D. X	O.D.	FT.
		I.D. X	O.D.	FT.
		I.D. X	O.D.	FT.
		I.D. X	O.D.	FT.
		I.D. X	O.D.	FT.
	DP	STANDS		FT.
	DP	SINGLES		FT.
KELLY DOWN				FT.
TOTAL				FT.
WT. OF DC IN AIR				LBS.
WT. OF STRING				LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JETS 1/32"	
SERIAL NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	
WEIGHT	
VIS-SEC.	
PV/YP	
GELS	
W.L.-CC	
PH	
% SOLIDS	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

N. ZILLAX, P. FRANK, T. CLOUTIER, D. BROWN & BOTH WAYS 8 WEEKS

FOOTAGE

FROM	TO	ROT. HOURS	DR'G RW-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8 00	8 45	¾	16	TESTING.
8 45	12 30	3¾	6	PULL OUT SLOWLY
12 30	2 45	2¼	20	LAY DOWN TEST TOOL
2 45				RUN IN STAB'S HW & 48 SINGLES + RIG UP
	4 00	1¼	6	TO LAY DOWN SAME.

DRILLER: Ed Holland

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			FT.
		BIT		FT.
		I.D. X	O.D.	FT.
		I.D. X	O.D.	FT.
		I.D. X	O.D.	FT.
		I.D. X	O.D.	FT.
		I.D. X	O.D.	FT.
		I.D. X	O.D.	FT.
70	DP	STANDS		FT.
44	DP	SINGLES		FT.
KELLY DOWN				FT.
TOTAL				FT.
WT. OF DC IN AIR				LBS.
WT. OF STRING				LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JETS 1/32"	
SERIAL NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	
WEIGHT	
VIS-SEC.	
PV/YP	
GELS	
W.L.-CC	
PH	
% SOLIDS	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR'G RW-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
PLUG II		6740			6150 MIX 34 Bbls of 15.6 neat cement slurry.									
DISPLACE					WITH 2 Bbls OF WATER AND 38 Bbls DRILLING MUD									
PLUG DOWN					1045 PM									

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4 00	6 00	2	20	LAY DOWN STAB & HW + MONEL
6 00	7 30	1½	6	RUN IN OPEN END FOR PLUG # 3 6040'
7 30	10 15	2¾	5	CIRC & CONDITION MUD
10 15	10 45	½	23	CEMENT & DISPLACE
10 45	11 15	½	6	PULL UP TO STDS & BREAK CIRC
11 15	18 00	3/4	6	PULL OUT

DRILLER: Ed Holland

CP-38 (10/69)

DAILY DRILLING REPORT

WELL NAME: SHELL STE. FRANCOISE ROMAINE #1

LOCATION: LOT 723-300-REG-II CONTE LOTBINIÈRE | PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Muffick

CONTRACTOR: REGENT DRILLING LTD. | RIG NO.: 6

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DAY	YEAR
				153	4	8	72

DP / DC. SIZE	WT. / FT.	GRADE	IDS. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3½		6	2¼	4½	IF	1	OILWELL	560P	8"
5¼ 4½			2¼	5¼ 4½	IF	2	EMSCO		16"

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	NO. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7 5/8	26/29	153	6539	17.34	6559		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	REAMING				
4	CORING				
5	CLEAN TO BOTTOM AND CIRCULATING				
6	TRIPS	1½	2½	3½	7½
7	RIG SERVICE				
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST			2½	2½
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD		5½	2	7½
22	LOST CIRCULATION				
23	Cement out plug	6½			6½
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TROPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY		Well 20		24
	TOTALS	8	8	8	
	HOURS FOR SHELL ACCOUNT				
CONTRACTOR	BOILER		8		

HOLE CONDITION

1	HOLE DRAG (1000#)
2	TORQUE ON BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		I.D.	O.D.		FT.
		BIT				FT.
					X	FT.
					X	FT.
					X	FT.
					X	FT.
					X	FT.
		DP STANDS				FT.
		DP SINGLES				FT.
		KELLY DOWN				FT.
		TOTAL				FT.
		WT. OF DC IN AIR				LBS.
		WT. OF STRING				LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JETS 1/32"	
SERIAL NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	
WEIGHT	
VIS-SEC.	
PV/YP	
GELS	
W.L.-C.C.	
PH	
% SOLIDS	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

MORNING TOUR

FOOTAGE

FROM	TO	BIT HOURS	DRLG. RUN-N CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

TIME LOG FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12 PM	6 30	6½	23	CLEAN CONTAMINATED MUD OUT OF PIPE
6 30	8 00	1½	6	PICK UP BIT + SUB RUN IN HOLE BREAK CIRCUL EVERY 5 STDS

DRILLER: Joe Robert

DAY TOUR

FOOTAGE

FROM	TO	BIT HOURS	DRLG. RUN-N CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

TIME LOG FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8 00	10 30	2½	6	RUN IN HOLE TO FEEL PLUG II BREAK CIRCULATION
10 30	4 00	5½	21	CORRELATE COND. MUD TO TEST
				FELT PLUG @ 7430'

DRILLER: Ed Holland

EVENING TOUR

FOOTAGE

FROM	TO	BIT HOURS	DRLG. RUN-N CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

TIME LOG FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4 00	6 00	2	21	CIRCUL COND MUD TO TEST
6 00	9 00	3	6	PULL OUT OF HOLE
9 00	9 15	¼	4	CHECK MOTOR SHUT OFFS AND B.O.Ps
9 15	11 30	2¼	16	PICK UP TESTORS AND PACKER
11 30	12 00	½	6	RUN IN HOLE WITH DSE NOT RUN 1500 OF WATER CUSHION

DRILLER: Joe Robert

CP-38 (10/69)

DAILY DRILLING REPORT

WELL NAME: SHELL STE. FRANCOISE ROMAIN NO 1

LOCATION: LOT 723-200 RGE II CMTE LOTB. PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited — SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Murphy

CONTRACTOR: REGENT DRILLING LTD — SIGNATURE OF CONTRACTOR'S TOOL PUSHER: J. Tubbert — RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
	9385	T.D		152	4	7	72

OP. / DC. SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD
3½	15.50	G	2½	4½	F.H.

PUMP MANUFACTURER

NUMBER	TYPE	STROKE LENGTH
1	DYNAMEC	500P 8"
2	EMSCO	700 16"

LAST CASING TUBING OR LINER

SIZE	WT. AND GR.	NO. OF JOINTS	FEET	SET TO (OR HEAD)	SET AT	CEMENT USED (SACKS)
7 5/8	29	153	6559	17	6559	

REMARKS

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	NORM.	DAY	EVE.	TOURS
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	REAMING				
4	CORING				
5	CLEAN TO BOTTOM AND CIRCULATION	2¼	2½		4¾
6	TRIPS	6	5½		6½
7	RIG SERVICE				
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT	¾	1		¾
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				7½
22	LOST CIRCULATION				
23	CLEAN CASING OUTSIDE		7	8	1½
24					
COMPLETION 40	PUMP DATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	
	HOURS FOR SHELL ACCOUNT	Code 2	070		24½
NON-PRODUCTIVE TIME	BOILER				

HOLE CONDITION

1	HOLE DRAG (1000#)	
2	TORQUE ON BOTTOM (DP TURNS)	
3	FILL ON BOTTOM (FEET)	

MORNING TOUR

DRILLING ASSEMBLY — NO. / CODE AT END OF TOUR

BIT — FT.

I.D.	O.D.	X	FT.
			FT.
			FT.
			FT.
			FT.
			FT.
			FT.

DP — STANDS — FT.

DP — SINGLES — FT.

KELLY DOWN — FT.

TOTAL — FT.

WT. OF DC IN AIR — LBS.

WT. OF STRING — LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JETS 1/32"	
SERIAL NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
BIT CONDITION I/ B° T/ G/AGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	
WEIGHT	
VIS.-SEC.	
PV/YP	
GELS.	
W.L.-C.C.	
PH	
% SOLIDS	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	BOT. HOURS	DR-D BM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
ABANDONMENT PLUG I		9385 - 9285			47 Bbls 15.6# SLURRY									
RETARDED WITH 0.2% D8. DISPLACE WITH 23.4 BBLS OF WATER + 56 BBLS OF DRILLING FLUID		PLUG DOWN 6:45 AM.												

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12:00	3:45	3¾	6	Pick up 27 SINGLES
3:45	6:00	2¼	5	circulate OPEN END
6:00	6:45	¾	12	RUN PLUG. ONE.

DRILLER: P. Gray

DAY TOUR

DRILLING ASSEMBLY — NO. / CODE AT END OF TOUR

BIT — FT.

I.D.	O.D.	X	FT.
			FT.
			FT.
			FT.
			FT.
			FT.
			FT.

DP — STANDS — FT.

DP — SINGLES — FT.

KELLY DOWN — FT.

TOTAL — FT.

WT. OF DC IN AIR — LBS.

WT. OF STRING — LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JETS 1/32"	
SERIAL NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
BIT CONDITION I/ B° T/ G/AGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	
WEIGHT	13.8 72
VIS.-SEC.	72
PV/YP	
GELS.	
W.L.-C.C.	
PH	
% SOLIDS	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	BOT. HOURS	DR-D BM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
Plug II	7640 - 7480				BATCH MIX 89 Bbls of 15.6# neat cement slurry displace with 2 Bbls of water 45 Bbls of mud Plug down 11:15 AM									

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8:00	8:45	¾	6	BRAKE CIRCULATION - PULL UP TO 7640'
8:45	10:30	1¾	5	CIRCULATE BTTMS UP
10:30	11:30	1	12	RUN PLUG 2E
1:30	12:15	¾	5	PULL 4 STANDS BREAK CIRCULATION
12:15	1:00	¾	6	PULL TO STANDS ATTEMPT CIRCULATION
1:00	4:00	3		~~CIRC~~ PULL OUT

DRILLER: JOE KOHUT

EVENING TOUR

DRILLING ASSEMBLY — NO. / CODE AT END OF TOUR

BIT — FT.

I.D.	O.D.	X	FT.
			FT.
			FT.
			FT.
			FT.
			FT.
			FT.

DP — STANDS — FT.

DP — SINGLES — FT.

KELLY DOWN — FT.

TOTAL — FT.

WT. OF DC IN AIR — LBS.

WT. OF STRING — LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JETS 1/32"	
SERIAL NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
BIT CONDITION I/ B° T/ G/AGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	
WEIGHT	
VIS.-SEC.	
PV/YP	
GELS.	
W.L.-C.C.	
PH	
% SOLIDS	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	BOT. HOURS	DR-D BM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4:00	5:00	1	6	PULLING OUT
5:00	12:00	7	23	FLUSH HEAVILY CONTAMINATED MUD OUT OF PIPE

DRILLER: ED HOLLAND

CP-36 (10/99)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE NO 1

LOCATION: LOT 723 - 200 RGE II CANTON DE BOTHNEUF

PROVINCE: QUÉBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Maffink

CONTRACTOR: REGENT DRLG LTD

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: J. Hebbon

RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
9365	T.D.		1670	151	4	6	72

DP / DC SIZE	WT. / FT	GRADE	MIN. I.D.	TOOL JT. O.D.	TIME THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3 1/2		G	2 1/32	4 1/16	IF	1	OILWELL	560P	8
4 1/2			2 1/4	4 3/4	IF	2	EMSCO	700D	16

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. JOINTS	DEPTH	KB TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7 5/8	29.70	153	6559	17.35	6559		

TIME DISTRIBUTION - HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	REAMING				
4	CORING				
5	TRIP TO BOTTOM AND CIRCULATING	1			1
6	TRIPS	2 3/4		1	3 3/4
7	RIG SERVICE				
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG	4 1/4	8	7	19 1/4
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	W0472-2065			
	BOILER	8	8	8	24

HOLE CONDITION

1	HOLE DRAG (1000#)
2	TORQUE ON BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	I.D.	O.D.	FT.
1		BIT	X		4.63
1	DC				6.59
1	SW				4.54
1	DM				24.84
1	SW				4.34
2	DC				62.80
24	DC				739.67
13	HWDP				399.97
34	DP	STANDS			810.64
2	DP	SINGLES			73
		KELLY DOWN			33
		TOTAL			9365

WT. OF DC IN AIR: 30 LBS — REAMER CUTTER NO.

WT. OF STRING: 135 LBS — REAMER TYPE

BIT RECORD

BIT NO.	RR 7
SIZE	6 3/4
MFG.	SMITH
TYPE	3J6
JETS 1/32"	11 11 11
SERIAL NO.	GC 069
DEPTH OUT	9365
DEPTH IN	9350
TOTAL FTG.	50
TOTAL HRS. RUN	10 1/4
BIT CONDITION 1/8" T/B/GAGE	

MUD RECORD

TIME	
WEIGHT	
VIS.-SEC.	
PV / YP	
GELS	
W.L.-C.C.	
PH	
% SOLIDS	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG FROM	TIME LOG TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12 00	1 00	1	5	CIRC TO LOG
1 00	3 45	2 3/4	6	P.O.H. + BLOW KELLY
3 45	6 00	2 1/4	11	RIG UP LOGGERS TEAR OUT FLOW NIPPLE INSTALL LUBRICATOR
6 00	8 00	2	11	LOGGING.
				@ DENSILOG 9385 - 8250
				@ ACOUSTILOG 9385 - 8250

DRILLER: Paul Sing

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	I.D.	O.D.	FT.
		BIT	X		
	DP	STANDS			
	DP	SINGLES			
		KELLY DOWN			
		TOTAL			

WT. OF DC IN AIR: LBS — REAMER CUTTER NO.

WT. OF STRING: LBS — REAMER TYPE

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JETS 1/32"	
SERIAL NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
BIT CONDITION 1/8" T/B/GAGE	

MUD RECORD

TIME	
WEIGHT	13.7
VIS.-SEC.	60
PV / YP	
GELS	
W.L.-C.C.	
PH	
% SOLIDS	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
wt MAT	10000		
CAUSTIC	100#		
METSO	100#		
POTASH	1500#		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG FROM	TIME LOG TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8 00	4 00	8		LOGGING
				BUILD VOLUME IN MUD TANKS
J. ROBERT	2			TRAVEL TIME - RAMA FARM 2 within Tuktoyaktuk Dist
R. LARRICHE	5			8 WORKS

DRILLER: Joe Robert

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	I.D.	O.D.	FT.
		BIT	X		
	DP	STANDS			
	DP	SINGLES			
		KELLY DOWN			
		TOTAL			

WT. OF DC IN AIR: LBS — REAMER CUTTER NO.

WT. OF STRING: LBS — REAMER TYPE

BIT RECORD

BIT NO.	
SIZE	
MFG.	OPEN END
TYPE	
JETS 1/32"	
SERIAL NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
BIT CONDITION 1/8" T/B/GAGE	

MUD RECORD

TIME	
WEIGHT	
VIS.-SEC.	
PV / YP	
GELS	
W.L.-C.C.	
PH	
% SOLIDS	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	1150#		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG FROM	TIME LOG TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4 00	9 30	5 1/2	11	LOGGING + CONDITION MUD
9 30	11	1 1/2	11	RIG OUT LOGGERS + RIG UP FLOW NIPPLE
11 00				STAND D.C'S + H.W. ON OTHER SIDE OF DERRICK + RUN IN OPEN END

DRILLER: Ed Hallond

CP-36 (10/69)

DAILY DRILLING REPORT

WELL NAME: SHELL STE-FRANÇOISE ROMAINE NO 1

LOCATION: LOT 723-200 RGE II CONTÉ LOT BINGIRG — PROVINCE: QUÉBEC

OPERATOR: Shell Canada Limited — CONTRACTOR: REGENT DRLG LTD. — RIG NO. 6

SIGNATURE OF OPERATOR'S REPRESENTATIVE: D Sutherland — SIGNATURE OF CONTRACTOR'S TOOL PUSHER: G. Walker

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE: MONTH	DAY	YEAR
9385			1670	150 (158)	4	5	72

DP / DC SIZE	WT. / FT.	GRADE	HOLE I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3½		E	5½	4½	IF	1	OILWELL	6B5P	9
4½			5¼	4¾	IF	2	EMSCO	700 D	11

LAST CASING TUBING OR LINER: SIZE 7⅝ — WT. AND GR. 29/29 — NO. OF JOINTS 153 — FEET 6654 — KB TO CSG. HEAD 17.35 — SET AT 6689 — CEMENT USED (SACKS) — REMARKS

TIME DISTRIBUTION — HOURS

NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL		½		½
3	REAMING				
4	CORING				
5	CLEAN TO BOTTOM AND CIRCULATING	2		1	3
6	TRIPS	3¼	5¾	4	13½
7	RIG SERVICE				
8	RIG REPAIR				
9	SLIP AND CUT DRILLING LINE			1	1
10	DEVIATION SURVEY				
11	WIRE LINE LOGS				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS	1¼	2¼	2	6½
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TESTING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45		NIL	472		
60	ABANDON	20	65		
70	STANDBY				
	TOTALS	24	8	8	24
	HOURS FOR SHELL ACCOUNT				
CONTRACTOR'S EQUIPMENT	BOILER	24	8	8	24

HOLE CONDITION

1	HOLE DRAG (1000#)	
2	TORQUE ON BOTTOM (OF TURNS)	
3	FILL ON BOTTOM (FEET)	NONE

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT			FT.	
	I.D.	O.D.		
	X		FT.	
	I.D.	O.D.		
	X		FT.	
	I.D.	O.D.		
	X		FT.	
	I.D.	O.D.		
	X		FT.	
	I.D.	O.D.		
	X		FT.	
DP	STANDS		FT.	
DP	SINGLES		FT.	
KELLY DOWN			FT.	
TOTAL			FT.	
WT. OF DC IN AIR			LBS.	
WT. OF STRING			LBS.	

BIT RECORD

BIT NO.	22
SIZE	6¾
MFG.	SMITH
TYPE	556
JETS 1/32"	A NOZ
SERIAL NO.	GC469
DEPTH OUT	9385
DEPTH IN	9345
TOTAL FTG.	30
TOTAL HRS. RUN	10¼
BIT CONDITION 1/8" T/B/GAGE	/
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	
WEIGHT	
VIS.-SEC.	
PV/YP	
GELS	
W.L.-C.C.	
PH	
% SOLIDS	
% SAND	

MUD MATERIALS ADDED: TYPE / AMOUNT / TYPE / AMOUNT

MORNING TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
9345	TD													

DEVIATION RECORD: DEPTH / DEVIATION° / DIRECTION / DEPTH / DEVIATION° / DIRECTION / DEPTH / DEVIATION° / DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12⁰⁰	2⁰⁰	2	5	CIRC TO TEST
2⁰⁰	5⁴⁵	3¾	6	B.O.P. DOUBLE STRAP OUT
5⁴⁵	8⁰⁰	2¼		MANUAL TEST TOOLS.
				DST #6 @ 6540 - 6765
				MISSRUN.
				LYNES (UNITED) INFLATABLE TOOL

DRILLER: P Bourg

DAY TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD: DEPTH / DEVIATION° / DIRECTION / DEPTH / DEVIATION° / DIRECTION / DEPTH / DEVIATION° / DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8⁰⁰	9⁰⁰	1	20	PICK UP TESTING TOOLS
9⁰⁰	12¹⁵	3¼	6	RUN IN (DOUBLE MEASURE) RUNNING 7500'
				WATER CUSHION
12¹⁵	1³⁰	1¼	20	HEAD UP & TRY SET PACKER
1³⁰	9⁰⁰	2½	6	PULL OUT SLOWLY
				R. BOUID 8 HRS TRAVEL ON MARCH 27

DRILLER: Joe Robert

EVENING TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
								2100		5	86	5½		

DEVIATION RECORD: DEPTH / DEVIATION° / DIRECTION / DEPTH / DEVIATION° / DIRECTION / DEPTH / DEVIATION° / DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4⁰⁰	5³⁰	1½	6	FINISH PULLING OUT
5³⁰	7³⁰	2	20	LAY DOWN TEST TOOL & LOAD TESTERS TRUCK
7³⁰	8³⁰	1	9	CUT & SLIP 80' LINE
8³⁰	11⁰⁰	2½	6	RUN IN HOLE
11⁰⁰	12	1	5	CIRC TO LOG

DRILLER: J Pollard

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR				BIT RECORD	MUD RECORD
BIT			FT.	BIT NO.	TIME
	I.D.	O.D.		SIZE	WEIGHT
	X		FT.	MFG.	VIS.-SEC.
	I.D.	O.D.		TYPE	PV/YP
	X		FT.	JETS 1/32"	GELS
	I.D.	O.D.		SERIAL NO.	W.L.-C.C.
	X		FT.	DEPTH OUT	PH
	I.D.	O.D.		DEPTH IN	% SOLIDS
	X		FT.	TOTAL FTG.	% SAND
DP	STANDS		FT.	TOTAL HRS. RUN	MUD MATERIALS ADDED: TYPE / AMOUNT / TYPE / AMOUNT
DP	SINGLES		FT.	BIT CONDITION 1/8" T/B/GAGE	
KELLY DOWN			FT.		
TOTAL			FT.		
WT. OF DC IN AIR			LBS.	REAMER CUTTER NO.	
WT. OF STRING			LBS.	REAMER TYPE	

NO.	CODE	BIT		FT.	BIT NO.	A1972	TIME	
1	A3	I.D.	O.D.	41.63 FT.	SIZE	6¾	WEIGHT	
		X			MFG.	SMITH	VIS.-SEC.	
1	DP	I.D.	O.D.	24.68 FT.	TYPE	556	PV/YP	
		X			JETS 1/32"	16/14/14	GELS	
1	DC	I.D.	O.D.	6.89 FT.	SERIAL NO.	GC468	W.L.-C.C.	
2	SW	I.D.	O.D.	9.21 FT.	DEPTH OUT		PH	
13	DC	I.D.	O.D.	398.95 FT.	DEPTH IN		% SOLIDS	
26	DC	I.D.	O.D.	801.92 FT.	TOTAL FTG.		% SAND	
		I.D.	O.D.	FT.	TOTAL HRS. RUN		MUD MATERIALS ADDED: TYPE / AMOUNT / TYPE / AMOUNT	
84	DP	STANDS		FT.	BIT CONDITION 1/8" T/B/GAGE		BARITE-20	
2	DP	SINGLES		106.16 FT.				
KELLY DOWN				33 FT.				
TOTAL				9385 FT.				
WT. OF DC IN AIR				42 M.	REAMER CUTTER NO.			
WT. OF STRING				LBS.	REAMER TYPE			

CP-36 (10/69)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE NO 1

LOCATION: LOT 723 - 200 RGE II CONTE LOT BINEAU

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mackenzie

CONTRACTOR: REGENT DRILLING LTD

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Hibbert

RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE (MONTH / DAY / YEAR)
9340	9385	45	1670 1/4	149	4 / 4 / 72

DP / DC SIZE	WT./FT.	GRADE	INS. I.D.	TOOL JT. O.D.	TOOL JT. TYPE
3 1/2		16	2 1/2	4 1/2	IF
4 1/2			2 1/4	4 1/4	IF

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OILWELL	560P	8
2	EMSCO	700P	11

LAST CASING, TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT (USED / SACKS)
	7 5/8	29/26	153	6459	11.95	6459	

REMARKS:

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	5 1/2	12 1/2	7 1/4	15 1/2
3	REAMING				
4	CORING				
5	CLEAN TO BOTTOM AND CIRCULATING		1/2		1/2
6	TRIPS	2	5		7
7	RIG SERVICE	1/4		1/4	1/2
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY	1/2			1/2
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
45					
60	ABANDON				
70	STANDBY				
	TOTALS	9	18	8	24
	HOURS FOR SHELL ACCOUNT	20	42		
CONTRACTOR	BOILER	4	8	8	24

HOLE CONDITION

1	HOLE DRAG (1000#)	8
2	TORQUE ON BOTTOM (OF TORQUE)	1
3	FILL ON BOTTOM (FEET)	0

MORNING TOUR

DRILLING ASSEMBLY — AT END OF TOUR

NO.	CODE		I.D.	O.D.	FT.
		BIT			FT.
1	EC		2	6 3/4	30 FT.
1	BC	SUB	2	6 3/4	6.89 FT.
1	SU	SUB	2	6 3/4	4.67 FT.
1	DM	DC	2 1/4	6 3/4	24.88 FT.
1	SU	SUB	2	6 3/4	4.54 FT.
28	DC	DC	2 1/4	6 3/4	62.98 FT.
23	DC	DC	2 1/4	6 3/4	739.44 FT.
13	HWDP	HWDP	2 1/4	6 3/4	398.95 FT.
24	DP	STANDS			809.34 FT.
1	DP	SINGLES			FT.
	KELLY DOWN				35 FT.
	TOTAL				9355 FT.
	WT. OF DC IN AIR				42 LBS.
	WT. OF STRING				155 LBS.

BIT RECORD

BIT NO.	71
SIZE	6 3/4
MFG.	SMITH
TYPE	55G
JETS 1/32"	18 18 18
SERIAL NO.	GC069
DEPTH OUT	9365
DEPTH IN	9300
TOTAL FTG.	55
TOTAL HRS. RUN	23 1/4
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	12	3	6
WEIGHT	13.7	13.7	13.7
VIS-SEC	82	75	72
PV/YP			
GELS.			
W.L.-CC.	12.4		
PH	11.5		
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	50 SK		
POLYOL	1 SK		
WATER	360 BBLS/HR		

FOOTAGE

FROM	TO	HRS.	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
9340	9355	6 1/4	D			35	30	2100		4 1/2	103			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12 00	12 15	1/4	7	RIG SER ✓ BOPS.
12 15	5 30	5 1/4	2	DRLG
5 30	5 00	2 1/2	6	DROP SURVEY P.O.H.

DRILLER: Paul Bray

DAY TOUR

DRILLING ASSEMBLY — AT END OF TOUR

NO.	CODE		I.D.	O.D.	FT.
		BIT			FT.
1	RT		2	6 3/4	4.63 FT.
1	DC		2	6 3/4	6.89 FT.
1	SU	SUB	2	6 3/4	4.67 FT.
1	DM	DC	2 1/4	6 3/4	24.88 FT.
1	SU	SUB	2	6 3/4	4.54 FT.
28	DC	DC	2 1/4	6 3/4	62.98 FT.
24	DC	DC	2 1/4	6 3/4	739.44 FT.
24	DP	STANDS			739.44 FT.
7	DP	SINGLES			FT.
	KELLY DOWN				35 FT.
	TOTAL				9362 FT.
	WT. OF DC IN AIR				42 LBS.
	WT. OF STRING				157 LBS.

BIT RECORD

BIT NO.	72
SIZE	6 3/4
MFG.	SMITH
TYPE	55G
JETS 1/32"	18 14 14
SERIAL NO.	GC068
DEPTH OUT	9355
DEPTH IN	9355
TOTAL FTG.	7
TOTAL HRS. RUN	2 1/2
BIT CONDITION 1/8" T/B/GAGE	DRIFT
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME			9:00
WEIGHT			13.8
VIS-SEC			72
PV/YP			
GELS.			
W.L.-CC.			12.4
PH			11.5
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	HRS.	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
9355	9362	2 1/2	D			35	30	2100		5"				

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
9 00			6	PULL OUT OF HOLE PICK UP NEAR BIT REAMER
	10 00	5	6	RAN IN HOLE W/ BIT #72
1	1 30	1/2	5	REAM TO BOTTOM
1 30	4 00	2 1/2	2	DRILL 6 3/4" HOLE

DRILLER: Joe Robert

EVENING TOUR

DRILLING ASSEMBLY — AT END OF TOUR

NO.	CODE		I.D.	O.D.	FT.
		BIT			FT.
1	RR		2	6 3/4	4.63 FT.
1	DC		2	6 3/4	6.89 FT.
1	SU	SUB	2	6 3/4	4.67 FT.
1	DM	DC	2 1/4	6 3/4	24.88 FT.
1	SU	SUB	2	6 3/4	4.54 FT.
28	DC	DC	2 1/4	6 3/4	62.98 FT.
24	DC	DC	2 1/4	6 3/4	739.44 FT.
24	DP	STANDS			739.44 FT.
10	DP	SINGLES			106.44 FT.
	KELLY DOWN				24 FT.
	TOTAL				9385 FT.
	WT. OF DC IN AIR				42 LBS.
	WT. OF STRING				157 LBS.

BIT RECORD

BIT NO.	72
SIZE	6 3/4
MFG.	SMITH
TYPE	55G
JETS 1/32"	18 14 14
SERIAL NO.	GC068
DEPTH OUT	9385
DEPTH IN	9355
TOTAL FTG.	30
TOTAL HRS. RUN	10 1/4
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	4	8	10
WEIGHT	13.7	13.7	13.9
VIS-SEC	76	77	72
PV/YP			
GELS.			
W.L.-CC.	14.2		
PH	12.0		
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
CAUSTIC	100#		
METASOBEADS	100#		
BARITES	13560#		

FOOTAGE

FROM	TO	HRS.	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
9363	9385	7 3/4	D			35	30	2100		5"	86	5 1/2		Conv

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4 00	4 15	1/4	7	RIG SER + BOP CHECK
4 15	12 00	7 3/4	2	DRILL 6 3/4" HOLE

DRILLER: Ed Holland

CP-38 (10/69)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE NO 1

LOCATION: LOT 729-200 RGE II CANTE LOTBINIERE

PROVINCE: QUEBEC

1637 ft

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R Murphrick

CONTRACTOR: RECOUNT DRILLING LTD

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: J Hallbauer

RIG NO: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
9300	9340	40	1654 3/4	148	4	3	72

DP / DC SIZE	WT / FT	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3 1/2		E	2 1/2	4 1/2	IF	1	OILWELL	600D	8
4 1/2			2 1/4	4 3/4	IF	2	EMSCO	700D	16

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7 5/8	29/24	153	6559	12.35	6559		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	1 1/2	7 3/4	7 3/4	17
3	REAMING				
4	CORING				
5	CIRCULATING				
6	TRIPS	6 1/2			6 1/2
7	RIG SERVICE		1/4	1/4	1/2
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	20 1/2			
CONTRACTOR HOURS	BOILER	8	8	8	24
	10 3/4 ROLLS	1200 PSI			

HOLE CONDITION

1	HOLE DRAG (1000#)	8000
2	TORQUE ON BOTTOM (DP TURNS)	1
3	FILL ON BOTTOM (FEET)	0

MORNING TOUR

DRILLING ASSEMBLY — AT END OF TOUR

NO.	CODE		I.D.	O.D.		FT
56		BIT				
1	DC		2 1/2	6 1/4	X	330 FT
1	SU		2 1/4	6 1/4	X	6.89 FT
1						4.67 FT
1	DM		2 1/4	6 1/4		24.88 FT
1	SU		2 1/4	6 1/4	X	4.54 FT
2	DC		2 1/4	6 1/4	X	62.49 FT
24	DC		2 1/4	6 1/4	X	739.44 FT
13	HW		2 1/4	4 1/2	X	395.95 FT
84	DP	STANDS				8042.28 FT
	DP	SINGLES				FT
KELLY DOWN						20 FT
TOTAL						9307 FT
WT. OF DC IN AIR						42000 LBS
WT. OF STRING						155000 LBS

BIT RECORD

BIT NO.	71
SIZE	6 3/4
MFG.	SMITH
TYPE	SSG
JETS 1/32"	16 16 14
SERIAL NO.	GC069
DEPTH OUT	
DEPTH IN	9300
TOTAL FTG.	5
TOTAL HRS. RUN	1 1/2
BIT CONDITION 1/8" T/B/GAGE	ORLC
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	7"
WEIGHT	13.4
VIS.-SEC.	75
PV/YP	/ /
GELS	/ /
W.L.-C.C.	/ /
PH	
% SOLIDS	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
9300	9305	1 1/2	D			35	30	2100		4 1/2	103	5 1/2		CONT

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

TIME LOG FROM	TO	ELAPSED TIME	CODE	DETAILS
12 00	3 00	3	6	P.O.H.
3	4 15	1 1/4	6	LAY DOWN 2 H.W. PICK UP 2 DRILL COLLAR LAY OUT REAMER
4 15	6 30	2 1/4	6	+ PICK UP BIT STAB R. 1 H.
6 30	8 00	1 1/2	2	DRLG.

DRILLER: Paul Sy

DAY TOUR

DRILLING ASSEMBLY — AT END OF TOUR

NO.	CODE		I.D.	O.D.		FT
56		BIT				
1	DC		2 1/2	6 1/4		3.38
1	SU		2 1/4	6 1/4		6.89
1						4.67
1	DM		2 1/4	6 1/4		24.88
1	SU		2 1/4	6 1/4		4.54
2	DC		2 1/4	6 1/4		62.49
24	DC		2 1/4	6 1/4		739.44
13	HW		2 1/4	4 1/2		395.95
84	DP	STANDS				8042.28
	DP	SINGLES				FT
KELLY DOWN						FT
TOTAL						9323 FT
WT. OF DC IN AIR						42000 LBS
WT. OF STRING						155000 LBS

BIT RECORD

BIT NO.	71
SIZE	6 3/4
MFG.	SMITH
TYPE	SSG
JETS 1/32"	16 16 14
SERIAL NO.	GC069
DEPTH OUT	
DEPTH IN	9300
TOTAL FTG.	23
TOTAL HRS. RUN	9 1/4
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	10	12 00	2 00
WEIGHT	13.7	13.8	13.6
VIS.-SEC.	75	75	79
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.		11.8	
PH		11.5	
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
FL Loss	52#		
Stay Flow	50#		
Pot SH	300#		
WATER	2000#		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
9305	9323	7 3/4	D			35	30	2100		4 1/2	10			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

TIME LOG FROM	TO	ELAPSED TIME	CODE	DETAILS
8 00	8 15	1/4	7	RIG SER
8 15	4 00	7 3/4	2	DRILL 6 3/4" HOLE

DRILLER: Joe Kobut

EVENING TOUR

DRILLING ASSEMBLY — AT END OF TOUR

NO.	CODE		I.D.	O.D.		FT
56		BIT				
1	EC		2 1/2	6 1/4		3.30
1	DC		2 1/4	6 1/4		6.89
1	SU		2 1/4	6 1/4		4.67
1	DM		2 1/4	6 1/4		24.88
1	SU		2 1/4	6 1/4		4.54
2	DC		2 1/4	6 1/4		62.49
24	DC		2 1/4	6 1/4		739.44
13	HW		2 1/4	4 1/2		395.95
84	DP	STANDS				8042.28
1	DP	SINGLES				31.06
KELLY DOWN						20 FT
TOTAL						9340 FT
WT. OF DC IN AIR						42000 LBS
WT. OF STRING						155000 LBS

BIT RECORD

BIT NO.	71
SIZE	6 3/4
MFG.	SMITH
TYPE	SSG
JETS 1/32"	16 16 14
SERIAL NO.	GC069
DEPTH OUT	
DEPTH IN	9300
TOTAL FTG.	40
TOTAL HRS. RUN	17
BIT CONDITION 1/8" T/B/GAGE	Drilling
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	4	8	10
WEIGHT	13.6	13.5	13.6
VIS.-SEC.	76	85	77
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.	13.4		
PH	12		
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
POLYMER	58#		
POTASH	500#		
BARITE	1100#		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
9323	9340	7 3/4	D			75	30	2100		4 1/2		5 1/2		

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

TIME LOG FROM	TO	ELAPSED TIME	CODE	DETAILS
4 00	4 15	1/4	7	RIG SER + BOP CHECK
4 15	12 00	7 3/4	2	DRILL 6 3/4" HOLE
				CHANGED CUTTERS ON
				REAM BIT REAMER

DRILLER: Ed Willard

CP-38 (10/69)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE NO 1

LOCATION: LOT 723-200 RGE 11 CONTE LOTBINIERE

PROVINCE: QUEBEC

1612

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. MacFarlane

CONTRACTOR: REGENT DRILLING LTD

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: S. Hubbard

RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
9253	9300	47	1621 3/4	147	4	2	72

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3 1/2		C	2 1/2	4 1/2	IF	1	OILWELL	560D	8
4 3/4			2 1/4	4 3/4	IF	2	EMSCO	700D	10

LAST CASING TUBING OR LINER: SIZE 7 3/4 | WT. AND GR. 24/29 | NO. OF JOINTS 153 | FEET 6559 | KB TO CSG. HEAD 17.35 | SET AT 6559 | CEMENT USED / SACKS

REMARKS:

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7 3/4	7 3/4	6 1/4	21 3/4
3	REAMING				
4	CORING				
5	CIRC TO BOTTOM AND CIRCULATING				
6	TRIPS			1 1/2	1 1/2
7	RIG SERVICE	1/4	1/4	1/4	3/4
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
41	TUBING TRIPS				
42	TREATING				
43	SWABBING				
44	TESTING				
45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	2042			
CONTRACTOR'S COPY / OFFICE COPY	BOILER	8	8	8	24

HOLE CONDITION

1	HOLE DRAG (1000#)	12
2	TORQUE ON BOTTOM (DP TURNS)	1
3	FILL ON BOTTOM (FEET)	0

MORNING TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

					FT.
1	BIT				
1	DC	8	2 1/2		4.63 FT.
1	DC	8	2 1/2		6.89 FT.
1	SU	2	3 1/2		4.47 FT.
1	DP	2	3 1/2		24.88 FT.
1	SU	2	3 1/2		4.54 FT.
2	DC	2	3 1/2		62.48 FT.
22	DC	2	3 1/2		680.31 FT.
15	HW	2	3 1/2		460.11 FT.
80	DP	STANDS			8011.30 FT.
2	DP	SINGLES			FT.
KELLY DOWN					13 FT.
TOTAL					9273 FT.
WT. OF DC IN AIR					38 LBS.
WT. OF STRING					152 LBS.

BIT RECORD

BIT NO.	70
SIZE	6 3/4
MFG.	HW
TYPE	J88
JETS 1/32"	14 14 14
SERIAL NO.	JT918
DEPTH OUT	
DEPTH IN	9209
TOTAL FTG.	63
TOTAL HRS. RUN	36
BIT CONDITION 1/8" T/B/GAGE	1 1 WT/A
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	12 AM	3 AM	6 AM
WEIGHT	13.6	13.8	13.8
VIS.-SEC.	73	73	72
PV/YP	/	/	/
GELS.	/	/	/
W.L.-C.C.			14.0
PH			11.6
% SOLIDS			
% SAND			

MUD MATERIALS ADDED: TYPE | AMOUNT | TYPE | AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
9253	9272	7 3/4	D		OLIGOCENE DOLOSTONE	35	30	2100		4 1/2	62			Conv

DEVIATION RECORD: DEPTH | DEVIATION° | DIRECTION | DEPTH | DEVIATION° | DIRECTION | DEPTH | DEVIATION° | DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12 00	12 15	1/4	7	RIG SER ✓ BOPS
12 15	8 00	7 3/4	2	DRLG.

DRILLER: Paul Boyle

DAY TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

					FT.
1	BIT				
1	DC	8	2 1/2		4.63 FT.
1	DC	8	2 1/2		6.89 FT.
1	SU	2	3 1/2		4.47 FT.
1	DP	2	3 1/2		24.88 FT.
1	SU	2	3 1/2		4.54 FT.
2	DC	2	3 1/2		62.48 FT.
22	DC	2	3 1/2		680.31 FT.
15	HW	2	3 1/2		460.11 FT.
80	DP	STANDS			FT.
2	DP	SINGLES			80 11.30 FT.
KELLY DOWN					27 FT.
TOTAL					9287 FT.
WT. OF DC IN AIR					38 000 LBS.
WT. OF STRING					152 000 LBS.

BIT RECORD

BIT NO.	70
SIZE	6 3/4
MFG.	HW
TYPE	J88
JETS 1/32"	15 14 14
SERIAL NO.	JT918
DEPTH OUT	
DEPTH IN	9209
TOTAL FTG.	78
TOTAL HRS. RUN	43 3/4
BIT CONDITION 1/8" T/B/GAGE	1 RIM
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	10 AM	1 PM	2 PM
WEIGHT	13.8	13.8	13.7
VIS.-SEC.	73	74	73
PV/YP	/	/	/
GELS.	/	/	/
W.L.-C.C.		15.0	
PH		11.5	
% SOLIDS			
% SAND			

MUD MATERIALS ADDED: TYPE | AMOUNT | TYPE | AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
9272	9287	7 3/4	D			35	30	2100		4 1/2	102			

DEVIATION RECORD: DEPTH | DEVIATION° | DIRECTION | DEPTH | DEVIATION° | DIRECTION | DEPTH | DEVIATION° | DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8 00	8 15	1/4	7	RIG SER
8 15	4 00	7 3/4	2	DRILL 6 3/4" HOLE
				E. HOLLAND 2 DATE OUA FOR PLANT TICKET WORKS
				A. CHAURA 2 8 WRKS
				A. HAMAR 2 DATE OUA FOR PLANT TICKET MARCH 9
				T. HIBBARD 2 8 WRKS

DRILLER: Joe Robert

EVENING TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

					FT.
1	BIT				
1	DC	8	2 1/2		4.63 FT.
1	DC	8	2 1/2		6.89 FT.
1	SU	2	3 1/2		4.47 FT.
1	DP	2	3 1/2		24.88 FT.
1	SU	2	3 1/2		4.54 FT.
2	DC	2	3 1/2		62.48 FT.
22	DC	2	3 1/2		680.31 FT.
15	HW	2	3 1/2		460.11 FT.
80	DP	STANDS			FT.
2	DP	SINGLES			80 11.30 FT.
KELLY DOWN					4 FT.
TOTAL					9300 FT.
WT. OF DC IN AIR					38 000 LBS.
WT. OF STRING					152 000 LBS.

BIT RECORD

BIT NO.	70
SIZE	6 3/4
MFG.	HW
TYPE	J55
JETS 1/32"	14 14 14
SERIAL NO.	JT918
DEPTH OUT	9300
DEPTH IN	9209
TOTAL FTG.	91
TOTAL HRS. RUN	50
BIT CONDITION 1/8" T/B/GAGE	1 1 0
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	4	8	10
WEIGHT	13.9	13.6	13.7
VIS.-SEC.	50	74	75
PV/YP	/	/	/
GELS.	/	/	/
W.L.-C.C.	15.2		
PH	11.		
% SOLIDS			
% SAND			

MUD MATERIALS ADDED: TYPE | AMOUNT | TYPE | AMOUNT

COAGTHE-100 lb

METSODEARS 100 lb

GEL 1300 lb

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
9287	9300	6 1/4	D			35	30	2100		4 1/2	98	5 1/2		Conv

DEVIATION RECORD: DEPTH | DEVIATION° | DIRECTION | DEPTH | DEVIATION° | DIRECTION | DEPTH | DEVIATION° | DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4 00	4 15	1/4	7	RIG SER + BOP CHECK
4 15	10 30	6 1/4	2	DRILL 6 3/4" HOLE
10 30	12 00	1 1/2	6	BLOW KELLY + PULL OUT

DRILLER: E. Holland

CP-38 (9/70)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE NO 1

LOCATION: LOT 223-202 RG 4 CANTON LATRINERE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Murphy

CONTRACTOR: REGENT DRLG LTD

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE:

RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
9217	9253	36	1616	146	4	1	72

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7 5/8	24/29	153	6559	17.36	6559		

DP / DC SIZE	WT. / FT	GR.	MFR. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3 1/2		4	2 1/4	4 1/2	IF	1	OILWELL	800	9
4 3/4			2 1/4	6 3/4	IF	2	EMSCO	700	6

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	WORK	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7 3/4	7 3/4	7 1/4	23
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS				
7	RIG SERVICE	1/4	1/4	1/4	1/4
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	20	43		
ACCOUNTABLE HOURS	BOILER	8	8	8	24

DESILTER PERFORMANCE

	WORK	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

50 STANDS 1800

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

	BIT	FT.
1	RR 12 1/4	4.63
1	OC 12 1/4	6.89
1	SH 12 1/4	4.67
1	DM 12 1/4	24.88
1	SH 12 1/4	4.54
2	DC 9 1/2 x 2 1/4	62.48
22	DC 9 1/2 x 2 1/4	680.31
15	HW 5 1/2 x 3 1/2	460.11
	I.D. X O.D.	
	I.D. X O.D.	
83	D.P. STANDS	7949.23
	D.P. SINGLES	
	KELLY DOWN	30
	TOTAL	9227
	WT. OF DC	76 LBS.
	WT. OF STRING	150 LBS.

BIT RECORD

BIT NO.	70
SIZE	12 1/4
MFG.	HW
TYPE	J 88
SERIAL NO.	JT919
JETS 1/32"	14 14 14
DEPTH OUT	
DEPTH IN	9209
TOTAL FOOTAGE	18
TOTAL HRS. RUN	2 3/4
BIT CONDITION 1/8 S T/B 1/16 GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)	8000
2	TORQUE AT BOTTOM (DP TURNS)	1
3	FILL ON BOTTOM (FEET)	NIL

MUD RECORD

TIME	12			
WEIGHT	13.6	13.4	13.5	
FUNNEL VIS.-SEC.	72	73	72	
PV/YP	/	/	/	
GELS.	/	/	/	
W.L.-C.C.		13.2		
F.C. 1/32"		3		
PH		11.5		
% OIL				
% SAND				

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (400) PRESS	A.V. VOL. (GPM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
9217	9227	7 1/4	D		SILTSTONE + SLTY SAND	35	90	2000		6 1/2	102	6 1/2	32	(2nd)

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	12 00	12 15	1/4	SER RIG ✓ BOPS
2	12 15	8 00	7 3/4	ORLG

DRILLER: Paul Gaw

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

	BIT	FT.
1	RR 12 1/4	4.67
1	OC 12 1/4	6.89
1	SH 12 1/4	4.67
1	DM 12 1/4	24.88
1	SH 12 1/4	4.54
2	DC 9 1/2 x 2 1/4	62.48
22	DC 9 1/2 x 2 1/4	680.31
15	HW 5 1/2 x 3 1/2	460.11
	I.D. X O.D.	
	I.D. X O.D.	
83	D.P. STANDS	7948.23
	D.P. SINGLES	
	KELLY DOWN	41
	TOTAL	9237
	WT. OF DC	78 LBS.
	WT. OF STRING	150 LBS.

BIT RECORD

BIT NO.	70
SIZE	12 1/4
MFG.	HW
TYPE	J 88
SERIAL NO.	JT919
JETS 1/32"	14 14 14
DEPTH OUT	
DEPTH IN	9209
TOTAL FOOTAGE	28
TOTAL HRS. RUN	2 3/4
BIT CONDITION 1/8 S T/B 1/16 GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)	8000
2	TORQUE AT BOTTOM (DP TURNS)	1
3	FILL ON BOTTOM (FEET)	NIL

MUD RECORD

TIME	10	2	4	
WEIGHT	13.8	13.6	13.5	
FUNNEL VIS.-SEC.	75	78	74	
PV/YP	/	/	/	
GELS.				
W.L.-C.C.		14.0		
F.C. 1/32"		3		
PH		11.5		
% OIL				
% SAND				

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (400) PRESS	A.V. VOL. (GPM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
9227	9237	7 1/2	D			25	90	2100		6 1/2	102			

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	8 00	8 15	1/4	RIG SER
2	8 15	4 00	7 3/4	DRILL 6 3/4" HOLE

DRILLER: Joe Babut

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

	BIT	FT.
1	RR 12 1/4	4.65
1	OC 12 1/4	6.89
1	SH 12 1/4	4.67
1	DM 12 1/4	24.88
1	SH 12 1/4	4.54
2	DC 9 1/2 x 2 1/4	62.48
22	DC 9 1/2 x 2 1/4	680.31
15	HW 5 1/2 x 3 1/2	460.11
	I.D. X O.D.	
	I.D. X O.D.	
83	D.P. STANDS	7950.31
1	D.P. SINGLES	
	KELLY DOWN	24
	TOTAL	9253
	WT. OF DC	39 LBS.
	WT. OF STRING	150 LBS.

BIT RECORD

BIT NO.	70
SIZE	12 1/4
MFG.	HW
TYPE	J 88
SERIAL NO.	JT919
JETS 1/32"	14 14 14
DEPTH OUT	
DEPTH IN	9209
TOTAL FOOTAGE	44
TOTAL HRS. RUN	28 1/4
BIT CONDITION 1/8 S T/B 1/16 GAGE	DRLG

HOLE CONDITION

1	HOLE DRAG (1000 #)	8
2	TORQUE AT BOTTOM (DP TURNS)	1
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	6 00	8	10	
WEIGHT	13.8	13.8+	13.4	
FUNNEL VIS.-SEC.	75	71	73	
PV/YP	/	/	/	
GELS.				
W.L.-C.C.			14.0	
F.C. 1/32"			3	
PH			11.5	
% OIL				
% SAND				

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (400) PRESS	A.V. VOL. (GPM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
9237	9253	7 1/4	D		DOLOMITE RED SANDSTONE	20	90	2100		6 1/2	102			

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	4 00	4 15	1/4	RIG SER
2	4 15	8 00	7 3/4	DRILL 6 3/4" HOLE

DRILLER: Paul Gaw

DAILY DRILLING REPORT

(E-38 (8/70))

WELL NAME: SHELL STE FRANCOISE ROMAINE #1

LOCATION: LOT 723-200-REG U-CONTE LOTBINIERE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: A. Miatkenk

CONTRACTOR: REGENT DRILLING LTD

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Hebert

RIG NO.: SIX

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
9194	9217	23	159 2¼	148	3	31	72

LAST CASING TUBING OR LINER	SIZE	WT AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7⅝	26-29	153	6559	17.35	6559		

OP. / DC. SIZE	WT. / FT	GRADE	MFR. I.D.	TOOL JT. O.D.	DUPLEX THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3½			2½	4½	IF	1	OILWELL	5 GUT	8
4¾-5¾			2¼	4¾-5¾	IF	2	EMSCO	D 700	16

TIME DISTRIBUTION — HOURS

CODE	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	5½	3¾	5	14¼
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING			¼	¼
6	TRIPS	2½	4	2½	9
7	RIG SERVICE	¼	¼		½
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE			¾	¾
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SURVEY (DRIFT)				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TESTING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	2042			
	BOILER	8	8	8	24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

½ Pump P. 1050 # 69 SPM
200 PSI on Casing after Tie

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT
1	RR	12¼ HTC	4.63
1	DC	2 x 4¾	6.89
1	SH	2 x 10	4.67
1	DM	2 x 4¾	24.99
1	HH	2 x 6¾	4.54
2	DC	2¼ x 5¾	62.48
22	DC	2¼ x 5¾	680.37
15	HH	2¼ x 6¾	460.19
82	D.P.	STANDS	FT
2	D.P.	SINGLES	79.16 FT
1	KELLY DOWN		37 FT.
	TOTAL		9204 FT.
WT. OF DC			380 000 LBS
WT. OF STRING			156 000 LBS

BIT RECORD

BIT NO.	69
SIZE	6¾
MFG.	SEC
TYPE	M88
SERIAL NO.	322313
JETS 1/32"	16 14 14
DEPTH OUT	
DEPTH IN	9194
TOTAL FOOTAGE	10
TOTAL HRS. RUN	5½
BIT CONDITION (1/8"S, T/B) (1/8" GAGE)	DRILLING

HOLE CONDITION

1	HOLE DRAG (1000 #)	
2	TORQUE AT BOTTOM (FT. POUNDS)	1
3	FILL ON BOTTOM (FEET)	0

MUD RECORD

TIME	4	4
WEIGHT	13.7	13.7
FUNNEL VIS. SEC	75	70
PV / YP	/	/
GELS	/	/
W.L. C.C.	13.2	
F.C. 1/32"	3	
PH	11.5	
% OIL		
% SAND		

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
WATER 2 GAL PER MAN FOR 3 MEN.			

FOOTAGE

FROM	TO	HOT HOURS	DRILL RM # CORE #	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
9194	9204					30	75	2000		4½	102	5½		

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

MORNING TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	12 00	12 15	¼	RIG SER
6	12 15	2 30	2¼	RUN IN BIT #69
2	2 30	8 00	5½	DRILL 6¾" HOLE

DRILLER: Ed Holland

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT
1	RR	12¼ HTC	4.63
1	DC	2 x 4¾	6.89
1	SH	2 x 10	4.67
1	DM	2 x 4¾	24.99
1	HH	2 x 6¾	4.54
2	DC	2¼ x 5¾	62.48
22	DC	2¼ x 5¾	690.37
15	HH	2¼ x 6¾	460.19
83	D.P.	STANDS	794.95 FT
	D.P.	SINGLES	FT
	KELLY DOWN		6 FT.
	TOTAL		9209 FT.
WT. OF DC			36 LBS
WT. OF STRING			158 LBS

BIT RECORD

BIT NO.	69	70
SIZE	6¾	6¾
MFG.	SEC	HTC
TYPE	M88	J44
SERIAL NO.	322313	JT913
JETS 1/32"	14 14 14	14 14 14
DEPTH OUT	9209	
DEPTH IN	9194	9209
TOTAL FOOTAGE	15	
TOTAL HRS. RUN	9¼	
BIT CONDITION (1/8"S, T/B) (1/16" GAGE)		

HOLE CONDITION

1	HOLE DRAG (1000 #)	
2	TORQUE AT BOTTOM (FT. POUNDS)	
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	8 00	12
WEIGHT	13.7	13.8
FUNNEL VIS. SEC	73	74
PV / YP	/	/
GELS	/	/
W.L. C.C.		11.8
F.C. 1/32"		3/1
PH		11.5
% OIL		
% SAND		

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	50 SK		

FOOTAGE

FROM	TO	HOT HOURS	DRILL RM # CORE #	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
9204	9209	3¼	10			25/35	55	2100		4½	100			Conv

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

DAY TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	8 00	8 45	¾	DRLG
	8 45	9 00	¼	RIG SER + BOP
	9 00	12 00	3	DRLG
	12 00	3 30	3½	P.O.H.
	3 30	4 00	½	CHANGE BIT + RUN IN

TRAVEL TIME FOR P. GRAY 8 WEEKS
AIR TICKET

DRILLER: Paul Gray

EVENING TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
6	4 00	4 30	½	RUN IN W/BIT #70
9	4 30	5 15	¾	SLIP + CUT LINE
6	5 15	6 45	1½	RUN IN W/BIT
5	6 45	7 00	¼	REAM TO BOTTOM
2	7 00	12 00	5	DRILL 6¾" HOLE

DRILLER: Joe Kobut

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT
1	RR	12¼ HTC	4.63
1	DC	2 x 4¾	6.89
1	SH	2 x 10	4.67
1	DM	2 x 4¾	24.99
2	DC	2¼ x 5¾	62.48
22	DC	2¼ x 5¾	680.37
15	HH	2¼ x 6¾	460.19
83	D.P.	STANDS	794.95 FT
	D.P.	SINGLES	FT
	KELLY DOWN		20 FT.
	TOTAL		9217 FT.
WT. OF DC			32 000 LBS
WT. OF STRING			152 000 LBS

BIT RECORD

BIT NO.	70	
SIZE	6¾	
MFG.	J44	
TYPE	JT913	
SERIAL NO.	new	
JETS 1/32"	18 14 14	
DEPTH OUT		
DEPTH IN	9209	
TOTAL FOOTAGE	8	
TOTAL HRS. RUN	5	
BIT CONDITION (1/8"S, T/B) (1/16" GAGE)		

HOLE CONDITION

1	HOLE DRAG (1000 #)	8000
2	TORQUE AT BOTTOM (FT. POUNDS)	1
3	FILL ON BOTTOM (FEET)	Nil

MUD RECORD

TIME	8 00	
WEIGHT	13.7	13.8
FUNNEL VIS. SEC	72	74
PV / YP	/	/
GELS	/	/
W.L. C.C.	11.8	
F.C. 1/32"	3/32	
PH	11.5	
% OIL		
% SAND		

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	HOT HOURS	DRILL RM # CORE #	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
9209	9217	5	10			30	55	2100		4½	102			

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

DAILY DRILLING REPORT

(F-38 (8/70))

WELL NAME: SHELL STE FRANCOISE ROMAINE #1

LOCATION: LOT 723-200 REG'L COMTE LOTBINIERE

PROVINCE: QUEBEC

1578½

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: J. Hubbard

CONTRACTOR: REGENT DRILLING LTD.

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Hubbard

RIG NO.: 51X

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
9176	9194	18		143	3	30	72

DP / DC. SIZE	WT/FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD
3½		16	2½	4½	IF
6¾-5¼			2¼	4¾-5¼	IF

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OILWELL	5660PT	8
2	EMSCO	D700	16

LAST CASING, TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7⅝	26-29	153	6559	17.35	6559		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN		3		3
2	DRILLING ACTUAL	2¼	7¼	2¾	12¼
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRC. (LOG)				
6	TRIPS	5½		5	10½
7	RIG SERVICE	¼	½	½	1¼
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
	BOILER	8	8	8	24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

½ Premix P-14 100# 7:00 PM

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	JS	I.D. ¾ x 5¼	2.95
1	DC	I.D. 2 x 6¾	6.89
1	SH	I.D. 2 x 6¾	4.67
1	DM	I.D. 2 x 4¾	24.88
1	SH	I.D. 2 x 6¾	4.56
2	DC	I.D. 2¼ x 5¼	62.48
22	DC	I.D. 2¼ x 6¾	660.37
15	HW	I.D. 2¼ x 3½	446.11
1	RB	I.D. 2 x 6¾	4.63
		I.D. x O.D.	
	D.P.	STANDS	FT.
	D.P.	SINGLES	FT.
	KELLY DOWN		12 FT.
	TOTAL		9181 FT.
	WT. OF DC		38000 LBS.
	WT. OF STRING		150000 LBS.

BIT RECORD

BIT NO.	67 / 68
SIZE	6¾ / 6¾
MFG.	SMITH / HW
TYPE	SS7 / R67X
SERIAL NO.	HT6688 / AE221
JETS 1/32"	18/18/14/16/16/14
DEPTH OUT	9181
DEPTH IN	9127 / 9181
TOTAL FOOTAGE	54
TOTAL HRS. RUN	14¾
BIT CONDITION 1/8'S T/B | 1/8" GAGE	2 | 1 | 1/16

HOLE CONDITION

1	HOLE DRAG (1000#'s)	20000
2	TORQUE AT BOTTOM (DP TURNS)	1½
3	FILL ON BOTTOM (FEET)	0

MUD RECORD

TIME	12
WEIGHT	13.7
FUNNEL VIS.-SEC.	75
PV/YP	/ / /
GELS.	/ / /
W.L.-C.C.	11.8
F.C. 1/32"	2
PH	11.5
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-E	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#'s)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
9176	9181	2¼	D			30	35	2100		4½	106	5½		Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DAILY TOUR — DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
2	12⁰⁰	2¹⁵	2¼	DRLG.
6	2¹⁵	5¹⁵	3	P.O.H.
7	5¹⁵	5³⁰	¼	RIG SER ✓ BOPS
6	5³⁰	8⁰⁰	2½	RUN BIT #68 WITH JUNK SUB

DRILLER: Ed Holland

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	JS	I.D. 2 x 5¾	4.63
1	DC	I.D. 2 x 6¾	6.89
1	SH	I.D. 2 x 6¾	4.67
1	DM	I.D. 2 x 4¾	24.88
1	SH	I.D. 2 x 6¾	4.56
2	DC	I.D. 2¼ x 6¾	62.48
22	DC	I.D. 2¼ x 6¾	660.37
15	HW	I.D. 2¼ x 3½	460.11
1	RB	I.D. 2 x 6¾	4.63
		I.D. x O.D.	
8½	D.P.	STANDS	FT.
2	D.P.	SINGLES	7916.14
	KELLY DOWN		22 FT.
	TOTAL		9194 FT.
	WT. OF DC		38000 LBS.
	WT. OF STRING		150000 LBS.

BIT RECORD

BIT NO.	69
SIZE	6¾
MFG.	HW
TYPE	RS7X
SERIAL NO.	AE221
JETS 1/32"	18/14/14
DEPTH OUT	
DEPTH IN	9181
TOTAL FOOTAGE	10
TOTAL HRS. RUN	7¾
BIT CONDITION 1/8'S T/B | 1/8" GAGE	DRLG

HOLE CONDITION

1	HOLE DRAG (1000#'s)	
2	TORQUE AT BOTTOM (DP TURNS)	
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	8AM	11	3
WEIGHT	13.7	13.7+	13.9
FUNNEL VIS.-SEC.	69	68	64
PV/YP	/	/	/
GELS.	/	/	/
W.L.-C.C.			12
F.C. 1/32"			3
PH			11.5
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-E	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#'s)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
9181			D			30	35	2000		4½	100			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DAY TOUR — DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	6⁰⁰	8¹⁵	2¼	RIG SER. ✓ BOP.
2	8¹⁵	4⁰⁰	7¾	DRLG.

DRILLER: Paul

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	RB	I.D. 2 x 5¾	4.63
1	DC	I.D. 2 x 4¾	6.89
1	SH	I.D. 2 x 6¾	4.67
1	DM	I.D. 2 x 4¾	24.88
1	SH	I.D. 2 x 6¾	4.56
2	DC	I.D. 2¼ x 5¾	62.48
22	DC	I.D. 2¼ x 6¾	690.31
15	HW	I.D. 2¼ x 3½	460.11
		I.D. x O.D.	
8½	D.P.	STANDS	FT.
2	D.P.	SINGLES	7916.14
	KELLY DOWN		25 FT.
	TOTAL		9194 FT.
	WT. OF DC		38000 LBS.
	WT. OF STRING		150000 LBS.

BIT RECORD

BIT NO.	68 / 69
SIZE	6¾ / 6¾
MFG.	HW / SMITH
TYPE	R67X / MS5
SERIAL NO.	AE221 / 322713
JETS 1/32"	18/14/14 / 18/14/14
DEPTH OUT	9194
DEPTH IN	9181 / 9194
TOTAL FOOTAGE	13
TOTAL HRS. RUN	10½
BIT CONDITION 1/8'S T/B | 1/8" GAGE	1 | 1/16

HOLE CONDITION

1	HOLE DRAG (1000#'s)	9000
2	TORQUE AT BOTTOM (DP TURNS)	1
3	FILL ON BOTTOM (FEET)	NIL

MUD RECORD

TIME	6AM	6PM
WEIGHT	13.7	13.8
FUNNEL VIS.-SEC.	78	70
PV/YP	/	/
GELS.	/	/
W.L.-C.C.		13.6
F.C. 1/32"		3½
PH		12.0
% OIL		
% SAND		

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#'s)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
9190	9194	2¾	F			30	35	2100		4½	105			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

EVENING TOUR — DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	4⁰⁰	4¹⁵	¼	RIG SER.
2	4¹⁵	7⁰⁰	2¾	DRILL 6¾" HOLE BIT WILL NOT DRILL
6	7⁰⁰	12⁰⁰	5	BLOW KELLY + PULL OUT + CHANGE BITS + RUN IN W/ BIT #69.

Pulled bit No. 68 due to poor penetration resulting from formation change. R.M.

DRILLER: Joe Kohut

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE #1

LOCATION: LOT 723-200 REG'N CONTE LOTBINIÈRE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: G. Mc Farish

CONTRACTOR: REGENT DRILLING LTD

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: G. L. Bolduc

RIG NO.: SIX

DEPTH AT START OF MORNING TOUR: 9127

DEPTH AT END OF EVENING TOUR: 9176

DAILY PROGRESS: 49

CUMULATIVE ROTATING HOURS: 1578½

DAYS FROM SPUD: 142

DATE: MONTH 3, DAY 29, YEAR 72

DP / DC. SIZE	WT / FT	GRADE	MIN. I.D.	TOOL JT. O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3½		G	2½	4½	IF	1	OILWELL	560P1	8
4¾-5¼			2¼	4¾-5¼	IF	2	EMSCO	D700	16

LAST CASING TUBING OR LINER: SIZE 7⅝; WT. AND GR. 26-29; NO. OF JOINTS 153; FEET 6589; KB. TO CSG. HEAD 17.35; SET AT 6559; CEMENT USED (SACKS)

REMARKS

TIME DISTRIBUTION — HOURS

CODE No.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	2	7¾	7¾	17½
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS	5¼			5¼
7	RIG SERVICE	¼	¼	¼	¾
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE	½			½
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	8	8	8	24
	BOILER	8	8	8	24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

½ Pump P 1180 - 7154

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT		FT.
1	R3	I.D. 2 O.D. 6⅝	4.63	FT.
1	DC	I.D. 2 O.D. 6¾	6.89	FT.
1	SU	I.D. 2 O.D. 6¾	4.67	FT.
1	DM	I.D. 2 O.D. 7¾	24.88	FT.
1	SU	I.D. 2 O.D. 6¾	4.54	FT.
2	DC	I.D. 2¼ O.D. 6¾	62.48	FT.
22	DC	I.D. 2¼ O.D. 6¾	680.31	FT.
15	HW	I.D. 2¼ X 3½ O.D. X	460.11	FT.
82	D.P.	STANDS	7852.38	FT.
	D.P.	SINGLES		FT.
	KELLY DOWN		30	FT.
	TOTAL		9132	FT.
	WT. OF DC		38000	LBS.
	WT. OF STRING		150000	LBS.

BIT RECORD

BIT NO.	67
SIZE	6¾
MFG.	SMITH
TYPE	S57
SERIAL NO.	HT688
JETS 1/32"	18/14/14
DEPTH OUT	
DEPTH IN	9127
TOTAL FOOTAGE	5
TOTAL HRS. RUN	2
BIT CONDITION T/B/G 1/16	DR BG

HOLE CONDITION

1 HOLE DRAG (1000#)	
2 TORQUE AT BOTTOM (10 TURNS)	
3 FILL ON BOTTOM (FEET)	0

MUD RECORD

TIME	6
WEIGHT	13.5
FUNNEL VIS. SEC.	75
PV/YP	/ /
GELS	/ /
W.L.-C.C.	13.
F.C. 1/32"	3
PH	11.5
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RR-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
9127	9132	2	D			70	75	1100		4½	102	5½		Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DAY TOUR — DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
6	1200	230	2½	PULL OUT OF HOLE
7	230	245	¼	RIG SER + BOP CHECK
6	245	315	½	RUN IN OC'S + BHA
9	315	345	½	SLIP 40' OF LINE
6	345	600	2¼	FINISH RUNING IN
2	600	800	2	DRILL 6¾" HOLE

DRILLER: Ed Bolduc

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT		FT.
1	R3	I.D. 2 O.D. 6⅝	4.63	FT.
1	DC	I.D. 2 O.D. 6¾	6.89	FT.
1	SU	I.D. 2 O.D. 6¾	4.67	FT.
1	DM	I.D. 2 O.D. 7¾	24.88	FT.
1	SU	I.D. 2 O.D. 6¾	4.54	FT.
2	DC	I.D. 2¼ O.D. 6¾	62.48	FT.
22	DC	I.D. 2¼ O.D. 6¾	680.31	FT.
15	HW	I.D. 2¼ X 3½ O.D. X	460.11	FT.
82	D.P.	STANDS	7884.43	FT.
1	D.P.	SINGLES		FT.
	KELLY DOWN		20	FT.
	TOTAL		9155	FT.
	WT. OF DC		38	LBS.
	WT. OF STRING		140	LBS.

BIT RECORD

BIT NO.	67
SIZE	6¾
MFG.	SMITH
TYPE	S57
SERIAL NO.	HT688
JETS 1/32"	18/14/14
DEPTH OUT	
DEPTH IN	9127
TOTAL FOOTAGE	28
TOTAL HRS. RUN	9¾
BIT CONDITION T/B/G 1/16	DRLG

HOLE CONDITION

1 HOLE DRAG (1000#)	
2 TORQUE AT BOTTOM (10 TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	8"	11	2
WEIGHT	13.7	13.8	13.8
FUNNEL VIS. SEC.	70	75	78
PV/YP	/	30/36	/
GELS	/	30/80	/
W.L.-C.C.		11.9	
F.C. 1/32"		3/32	
PH		11.5	
% OIL			
% SAND		¾	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
DELTEX	120#		
WATER	5 GPM	3 HRS	

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RR-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
9132	9155	7¾	D		SAND STONE	30	75	2150		4½	104	5½		Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DAY TOUR — DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
7	800	915	1¼	RIG SER. ✓ BOPS + MOTOR VALVES OK
2	915	4	7¾	DRLG

DRILLER: Paul Boyd

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT		FT.
1	R3	I.D. 2 O.D. 6⅝	4.63	FT.
1	DC	I.D. 2 O.D. 6¾	6.89	FT.
1	SU	I.D. 2 O.D. 6¾	4.67	FT.
1	DM	I.D. 2 O.D. 7¾	24.88	FT.
1	SU	I.D. 2 O.D. 6¾	4.54	FT.
2	DC	I.D. 2¼ O.D. 6¾	62.48	FT.
22	DC	I.D. 2¼ O.D. 6¾	680.31	FT.
15	HW	I.D. 2¼ X 3½ O.D. X	460.11	FT.
82	D.P.	STANDS	7884.43	FT.
1	D.P.	SINGLES		FT.
	KELLY DOWN		97.70	FT.
	TOTAL		9176	FT.
	WT. OF DC		38000	LBS.
	WT. OF STRING		150000	LBS.

BIT RECORD

BIT NO.	67
SIZE	6¾
MFG.	SMITH
TYPE	S57
SERIAL NO.	HT688
JETS 1/32"	18/14/14
DEPTH OUT	
DEPTH IN	9127
TOTAL FOOTAGE	49
TOTAL HRS. RUN	17½
BIT CONDITION T/B/G 1/16	DR BG

HOLE CONDITION

1 HOLE DRAG (1000#)	8000
2 TORQUE AT BOTTOM (10 TURNS)	1
3 FILL ON BOTTOM (FEET)	NIL

MUD RECORD

TIME	6		
WEIGHT	13.7	13.7	13.7
FUNNEL VIS. SEC.	70	75	75
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.		12.0	
F.C. 1/32"		3/32	
PH		11.5	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RR-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
9155	9176	7¾	D			30	35	2100		4½	104			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

EVENING TOUR — DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
7	400	415	¼	RIG SER.
2	415	1200	7¾	DRILL 6¾" HOLE

DRILLER: Joe Robert

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE MOMAINE #1
LOCATION: LOT 723-200 REG II CONTE LOTAINIRE
PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited
SIGNATURE OF OPERATOR'S REPRESENTATIVE:
CONTRACTOR: REGENT DRILLING
SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Hubbard
RIG NO: 51K

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
9074	9127	53	1561	141	3	28	72

1543¾

DP. / DC. SIZE	WT./FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3½		G	2½	4½	IF	1	DILWELL	560PT	8
4⅞ 6¼			2¼	4¾-5¼	IF	2	EMSCO	D700	18

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7 5/8	26-29	153	6559	17.35	6559		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN	DAY	EVE	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	4	7¼	5½	17¼
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS	3¾	1¼	5	
7	RIG SERVICE	¼	¼	¼	1
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY			½	½
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	2042			
	BOILER	8	8	8	24

DESILTER PERFORMANCE

	HOURS	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

½ RRR 1100 = 725 hrs.

DRILLING ASSEMBLY NO. 1 AT END OF TOUR

NO.	CODE	BIT	FT.
1	R3	12¼	4.63
1	DC	12 x 4¾	6.89
1	SU	12 x 6¾	4.67
1	DM	12 x 4¾	24.88
1	SU	12 x 6¾	4.54
2	DC	12¼ x 5¾	62.48
22	DC	12¼ x 4¾	680.38
15	HW	12¼ x 3½	460.11
		I.D. x O.D.	FT.
		I.D. x O.D.	FT.
81	D.P.	STANDS	FT.
2	D.P.	SINGLES	78.26
		KELLY DOWN	14.06 FT.
		TOTAL	9084 FT.
		WT. OF DC	38000 LBS.
		WT. OF STRING	148000 LBS.

BIT RECORD

BIT NO.	6
SIZE	6¾
MFG.	SMITH
TYPE	555
SERIAL NO.	PV893
JETS 1/32"	18 18 14
DEPTH OUT	
DEPTH IN	9074
TOTAL FOOTAGE	10
TOTAL HRS. RUN	4
BIT CONDITION 1/8'S T/B 1/8' GAGE	DMG

HOLE CONDITION

1	HOLE DRAG (1000 #)	4000
2	TORQUE AT BOTTOM (DP TURNS)	½
3	FILL ON BOTTOM (FEET)	0

MUD RECORD

TIME	4	6
WEIGHT	13.5	13.5
FUNNEL VIS-SEC.	75	80
PV/YP	/	/
GELS.	/	/
W.L.-C.C.	11.2	
F.C. 1/32"	3	
PH	12	
% OIL		
% SAND		

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
POLYMER	50#		
POTASH	500#		
WATER	36 BBL P.M. for 3 hrs		

MORNING TOUR — FOOTAGE

FROM	TO	HOURS	DRILL RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
9074	9084	4	D			30	35	2100		6½	105	5½		Comp

MORNING TOUR — DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

MORNING TOUR — DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
6	12 00	12 30	½	PULL OUT + SONOSCOPE D.C.S
7	12 30	12 45	¼	RIG SER + CHECK BLIND RAMS
6	12 45	4 00	3¼	RUNIN BIT #66
2	4 00	8 00	4	DRILL 6¾" HOLE

DRILLER: Ed Rolland

BIT RECORD

BIT NO.	66
SIZE	6¾
MFG.	SMITH
TYPE	555
SERIAL NO.	FV813
JETS 1/32"	18 18 14
DEPTH OUT	9074
DEPTH IN	9084
TOTAL FOOTAGE	37
TOTAL HRS. RUN	11¾
BIT CONDITION 1/8'S T/B 1/8' GAGE	DULL

HOLE CONDITION

1	HOLE DRAG (1000 #)	
2	TORQUE AT BOTTOM (DP TURNS)	
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	8 00	11 00	2
WEIGHT	13.7	13.7+	13.8
FUNNEL VIS-SEC	93	92	94
PV/YP	/	/	/
GELS.	/	/	/
W.L.-C.C.		11.4	
F.C. 1/32"		3	
PH		12	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Polymer	50		

DAY TOUR — FOOTAGE

FROM	TO	HOURS	DRILL RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
9084	9111	7¾	D			35/40	35	2100		4½	108			

DAY TOUR — DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DAY TOUR — DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	8 00	8 15	¼	RIG SER ✓ BOPS.
2	8 15	4 00	7¾	DRLG

DRILLER: Paul Brad

BIT RECORD

BIT NO.	66
SIZE	6¾
MFG.	SMITH
TYPE	555
SERIAL NO.	FV813
JETS 1/32"	18 18 14
DEPTH OUT	9127
DEPTH IN	9074
TOTAL FOOTAGE	53
TOTAL HRS. RUN	19¾
BIT CONDITION 1/8'S T/B 1/8' GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)	9000
2	TORQUE AT BOTTOM (DP TURNS)	1
3	FILL ON BOTTOM (FEET)	NIL

MUD RECORD

TIME	4 00	8 00	10 00
WEIGHT	13.8	13.7	13.8
FUNNEL VIS-SEC	75	80	80
PV/YP	/	/	/
GELS.	/	/	/
W.L.-C.C.		11.6	
F.C. 1/32"		3½	
PH		12	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

EVENING TOUR — FOOTAGE

FROM	TO	HOURS	DRILL RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
9111	9127	5½	T			30	35	2100		4½	108			

EVENING TOUR — DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

EVENING TOUR — DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
2	4 00	5 30	1½	DRILL 6¾" HOLE
7	5 30	6 15	¾	SER RIG + BOPS + SWIVEL
2	6 15	10 15	4	DRILL 6¾" HOLE
10	10 15	10 45	½	DROP SURVEY + BLOW KELLY
6	10 45	12 00	1¼	PULL OUT

DRILLER: Joe Robert

DAILY DRILLING REPORT

WELL NAME: SHELL STE. FRANCOISE ROMAINE #1

LOCATION: LOT 223-200 - REG II CANTON IBERVILLE | PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited — Signature of Operator's Representative: R. Murphy

CONTRACTOR: ARGENT DRILLING LTD — Signature of Contractor's Representative: J. Hibbard

RIG NO.: SIX

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE: MONTH	DAY	YEAR
9020	9074	54	1562½	140	3	27	72

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD
3½		6	2¼	4½	IF
4½-5½			2¼	4¾-5¼	IF

PUMP MANUFACTURER: OILWELL / EMSCO

TYPE	STROKE LENGTH
560PT	8
D760	16

LAST CASING TUBING OR LINER: SIZE 7⅝ | WT. AND GR. 29-26 | NO. OF JOINTS 153 | FEET 6559 | WH TO CSG. HEAD 17.35 | SET AT 6559

REMARKS: 1562½ HRS

TIME DISTRIBUTION — HOURS

NPT NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7¼	7½	3¼	18
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS		1½	1½	3
7	RIG SERVICE	¼	¼	¼	¾
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SURFACE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TESTS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	9	7	24
	HOURS FOR SHELL ACCOUNT	2042			
SUB-CONTRACTED EQUIPMENT	BOILER	8	9	7	24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

P.P. 72 STROKES, 1400 PSI

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT		FT.
1	R3	12¼		4.63
1	OC	12¼		6.89
1	SU	12¼		4.67
1	DM	12¼		24.88
1	SU	12¼		4.54
2	OC	12¼		62.48
22	OC	12¼		680.31
15	HW	2¼ x 3½		460.11
		I.D. X	O.D.	FT.
		I.D. X	O.D.	FT.
81	D.P.	STANDS		7757.9
	D.P.	SINGLES		FT.
	KELLY DOWN			38 FT.
	TOTAL			9045 FT.
	WT. OF DC			38 M LBS.
	WT. OF STRING			145 M LBS.

BIT RECORD

BIT NO.	65
SIZE	6¾
MFG.	SMITH
TYPE	J33
SERIAL NO.	B7564
JETS 1/32"	10 14 14
DEPTH OUT	
DEPTH IN	8970
TOTAL FOOTAGE	75
TOTAL HRS. RUN	2.5
BIT CONDITION (4 NO'S 7/8) (1/8" GAGE)	DULL

HOLE CONDITION

1	HOLE DRAG (1000 #)	8000
2	TORQUE AT BOTTOM (OF TURNS)	¼
3	FILL ON BOTTOM (FEET)	0

MUD RECORD

TIME	12	4	6
WEIGHT	13.8	13.5	
FUNNEL VIS. SEC	80	83	
PV / YP	/	/	/
GELS	/	/	/
W.L.-C.C.	10.9		
F.C. 1/32"	3		
PH	12.		
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	2600#		
30 AL WATER OVER 3 HR.			

FOOTAGE

FROM	TO	HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
9020	9045	7¾	D	0		30	35	2100		4½	105	5½		COM

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TO	ELAPSED TIME	
7	12 00	12 15	¼	RIG SER & BOP CHECK
2	12 15	8 00	7¾	DRILL 6¾" HOLE

DRILLER: Ed Hallard

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT		FT.
1	R3	12¼		4.63
1	OC	12¼		6.89
1	SU	12¼		4.67
1	DM	12¼		24.88
1	SU	12¼		4.54
2	OC	12¼		62.48
22	OC	12¼		680.31
15	HW	2¼ x 3½		460.11
		I.D. X	O.D.	FT.
		I.D. X	O.D.	FT.
81	D.P.	STANDS		7739.23
X	D.P.	SINGLES		FT.
	KELLY DOWN			27 FT.
	TOTAL			9045 FT.
	WT. OF DC			35 LBS.
	WT. OF STRING			140 LBS.

BIT RECORD

BIT NO.	65
SIZE	6¾
MFG.	SMITH
TYPE	J33
SERIAL NO.	B7564
JETS 1/32"	R 14 14
DEPTH OUT	
DEPTH IN	8970
TOTAL FOOTAGE	9045
TOTAL HRS. RUN	9.0
BIT CONDITION (4 NO'S 7/8) (1/8" GAGE)	DR 1/16

HOLE CONDITION

1	HOLE DRAG (1000 #)	
2	TORQUE AT BOTTOM (OF TURNS)	
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	6	11	2
WEIGHT	13.7	13.7	13.8
FUNNEL VIS. SEC	82	83	83
PV / YP	/	/	/
GELS	/	/	/
W.L.-C.C.	10.9		
F.C. 1/32"	3/2		
PH	12		
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	5656		

FOOTAGE

FROM	TO	HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
9045	9065	7¼	D		SANDSTONE	30	35	2350		4½	117			COM

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TO	ELAPSED TIME	
	8 00	8 15	¼	HOLD BLOW OUT DRILL RIG SER. & MOTOR KILLS. OR
	8 15	9 45	7¼	DRLG.

DRILLER: Paul Guy

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT		FT.
1	R3	12¼		4.63
1	OC	12¼		6.89
1	SU	12¼		4.67
1	DM	12¼		24.88
1	SU	12¼		4.54
2	OC	12¼		62.31
22	OC	12¼		680.31
15	HW	2¼ x 3½		460.11
		I.D. X	O.D.	FT.
		I.D. X	O.D.	FT.
81	D.P.	STANDS		FT.
1	D.P.	SINGLES		7789.23
	KELLY DOWN			36 FT.
	TOTAL			9074 FT.
	WT. OF DC			38 M LBS.
	WT. OF STRING			145 M LBS.

BIT RECORD

BIT NO.	65
SIZE	6¾
MFG.	SMITH
TYPE	J33
SERIAL NO.	B7564
JETS 1/32"	15 14 14
DEPTH OUT	9074
DEPTH IN	8970
TOTAL FOOTAGE	104
TOTAL HRS. RUN	3.6
BIT CONDITION (4 NO'S 7/8) (1/8" GAGE)	

HOLE CONDITION

1	HOLE DRAG (1000 #)	10,000
2	TORQUE AT BOTTOM (OF TURNS)	¾
3	FILL ON BOTTOM (FEET)	N/A

MUD RECORD

TIME	4 PM	6 PM	
WEIGHT	13.8	13.8	
FUNNEL VIS. SEC	85	85	
PV / YP	/	/	/
GELS	/	/	/
W.L.-C.C.		11.6	
F.C. 1/32"		3/2	
PH		12.0	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
9065	9074	3½	T			30	35	2200		4½	110			

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TO	ELAPSED TIME	
7	4 00	4 15	¼	RIG SER
2	4 15	7 30	3¼	DRILL 6¾" HOLE
6	7 30			BLOW KELLY & PULL OUT & CHECK KELLY & SUB & DRILL COLLARS - ON THE WAY OUT OF HOLE FOR
		12 00	4½	CRACKED ONES.

DRILLER: Joe Kohut

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE #1

LOCATION: LOT 723 - 200 - REG'D CONTE LOTBINIERE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

CONTRACTOR: REGENT DRILLING LTD

RIG NO: 31K

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
8970	9020	50'	1543 3/4	139	3	26	72

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7 5/8	24-26	153	6559	17.35	6559		

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT. O.D.	TIME TAKEN
3 1/2		16	2 1/4	4 1/2	IF
4 1/2 - 5 1/2			2 1/4	4 3/4 - 5 1/4	IF

PUMP	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OILWELL	500 AT	8
2	EMSCO	D 700	16

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	17 1/4	7 3/4	7 3/4	17 1/4
3	HOLE OPENING				
4	CORING				
5	REAM OVER 90 DEVIATE & CIRCULATION				
6	TRIPS	6			6
7	RIG SERVICE	1/4	1/4	1/4	3/4
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	REPERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	20 1/2			24
	BOILER	8	8	8	24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

AT 1/2 Pump P. 1100 70 RPM

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	R3	12 1/4 x 6 3/8	463
1	OC	12 x 4 3/4	6.89
1	SU	12 1/4 x 6 3/8	4.67
1	DM	12 1/4 x 4 3/4	24.88
1	SU	12 1/4 x 6 3/8	4.54
2	DC	12 1/4 x 5 1/4	62.48
22	DC	12 1/4 x 4 1/2	680.31
15	HW	12 1/4 x 3 1/2	460.18
80	D.P.	STANDS	
1	D.P.	SINGLES	76.44.89
		KELLY DOWN	32
		TOTAL	8975 FT.
		WT. OF BC	38000 LBS.
		WT. OF STRING	114000 LBS.

BIT RECORD

BIT NO.	65
SIZE	6 3/4
MFG.	SMITH
TYPE	55 7
SERIAL NO.	BJ5644
JETS 1/32"	18-14-14
DEPTH OUT	
DEPTH IN	8970
TOTAL FOOTAGE	5
TOTAL HRS. RUN	1 3/4
BIT CONDITION (I-BT / T-B / 1/16" GAGE)	

HOLE CONDITION

1	HOLE DRAG (1000 #)	9000
2	TORQUE AT BOTTOM (0 TORQUE)	1/2
3	FILL ON BOTTOM (FEET)	0

MUD RECORD

TIME	
WEIGHT	
FUNNEL VIS.-SEC.	
PV / YP	/
GELS	/
W.L.-C.C.	10.5
F.C. 1/32"	3
PH	12.
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	HOURS	BIT RUN # / CORE #	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (SPM) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8970	8975	1 3/4	10			30	35	2100		4 1/2	105	5 1/2		Comp

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
6	12 00	3 00	3	PULL OUT OF HOLE
7	3 00	3 15	1/4	RIG SER & CHECK BLIND RAMS
6	3 15	6 15	3	RUN IN BIT # 65
2	6 15	8 00	1 3/4	DRILL 6 3/4" HOLE

DRILLER: Ed Mallard

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	R3	12 1/4 x 6 3/8	4.63 FT
1	OC	12 x 4 3/4	6.89 FT
1	SU	12 1/4 x 6 3/8	4.67 FT
1	DM	12 1/4 x 4 3/4	24.88 FT
1	SU	12 1/4 x 6 3/8	4.54 FT
2	DC	12 1/4 x 5 1/4	62.48 FT
22	DC	12 1/4 x 4 1/2	680.31 FT
15	HW	12 1/4 x 3 1/2	460.18 FT
80	D.P.	STANDS	FT.
2	D.P.	SINGLES	772.54 FT.
		KELLY DOWN	20 FT.
		TOTAL	8995 FT.
		WT. OF BC	38 LBS.
		WT. OF STRING	114 LBS.

BIT RECORD

BIT NO.	65
SIZE	6 3/4
MFG.	SMITH
TYPE	55 7
SERIAL NO.	BJ5644
JETS 1/32"	18-14-14
DEPTH OUT	
DEPTH IN	8970
TOTAL FOOTAGE	25
TOTAL HRS. RUN	9 1/4
BIT CONDITION (I-BT / T-B / 1/16" GAGE)	DRLG

HOLE CONDITION

1	HOLE DRAG (1000 #)	
2	TORQUE AT BOTTOM (0 TORQUE)	
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	8	11	2
WEIGHT	13.7	13.9	13.9
FUNNEL VIS.-SEC.	100	85	80
PV / YP		21 / 30	
GELS	/	23 / 43	/
W.L.-C.C.		11.8	
F.C. 1/32"		3	
PH		11.5	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
DRILTEX	100 LBS		

FOOTAGE

FROM	TO	HOURS	BIT RUN # / CORE #	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (SPM) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8975	8995	7 1/4	10		SANDSTONE	30	35	2100		4 1/2	105			Comp

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
7	4 00	8 15	1/4	RIG SER ✓ BOPS
2	8 15			DRLG
				BROKEN JARS CRACK IN BOX FND ULTRASONIC 2 1/2" FROM SHAT

DRILLER: Paul Drew

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	R3	12 1/4 x 6 3/8	463
1	OC	12 x 4 3/4	6.89
1	SU	12 1/4 x 6 3/8	4.67
1	DM	12 1/4 x 4 3/4	24.88
1	SU	12 1/4 x 6 3/8	4.54
2	DC	12 1/4 x 5 1/4	62.48
22	DC	12 1/4 x 4 1/2	680.31
15	HW	12 1/4 x 3 1/2	460.18
81	D.P.	STANDS	775.18
	D.P.	SINGLES	
		KELLY DOWN	14
		TOTAL	9020 FT.
		WT. OF BC	38 LBS.
		WT. OF STRING	114 LBS.

BIT RECORD

BIT NO.	65
SIZE	6 3/4
MFG.	SMITH
TYPE	55 7
SERIAL NO.	BJ5644
JETS 1/32"	18-14-14
DEPTH OUT	
DEPTH IN	8970
TOTAL FOOTAGE	50
TOTAL HRS. RUN	1 3/4
BIT CONDITION (I-BT / T-B / 1/16" GAGE)	

HOLE CONDITION

1	HOLE DRAG (1000 #)	7000
2	TORQUE AT BOTTOM (0 TORQUE)	1
3	FILL ON BOTTOM (FEET)	NIL

MUD RECORD

TIME	6 PM	10 PM
WEIGHT	13.7	13.7
FUNNEL VIS.-SEC.	85	90
PV / YP		
GELS	/	/
W.L.-C.C.		11.9
F.C. 1/32"		2/32
PH		12.0
% OIL		
% SAND		

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	HOURS	BIT RUN # / CORE #	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (SPM) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8995	9020	7 3/4	10			30	35	2100		4 1/2	105			

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
7	4 15	4 15	1/4	RIG SER + BOPS
2	4 15	12 00	7 3/4	DRILL 6 3/4" HOLE
				CHANGE SHAKER TANK
				HELD SAFETY MEETING ON BLOWOUTS

DRILLER: Joe Tackett

DAILY DRILLING REPORT

CF-39 (9/70)

WELL NAME: SHELL STE FRANCOISE ROMAINE #1

LOCATION: LOT 223-240, REG II CANTE LOTBINIERE — PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited — CONTRACTOR: REGENT DRILLING LTD. — RIG NO.: SIX

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mulcahy — SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: Gilbert O

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
8926	8970	44	1525½	138	3	25	74

DP / DC SIZE	WT. / FT.	GRADE	HOLE I.D.	TOOL JT. O.D.	TYPE THREAD
3½		G	2¼	4½	IF
4¾ x 5¼			2¼	4¾ - 5¼	IF

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OILWELL	560PT	8
2	EMSCO	D700	16

LAST CASING TUBING OR LINER: SIZE 7 5/8 — WT. AND GR. 26-29 — NO. OF JOINTS 153 — FEET 6569 — RB. TO (GR. HEAD) 17.34 — SET AT 6569 — CEMENT (SACKS)

REMARKS

TIME DISTRIBUTION – HOURS

CODE	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	3½	7½	7	18¼
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS	3½		¾	4¼
7	RIG SERVICE		¼	¼	½
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE	1			1
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	2042			
ACCUMULATIVE	BOILER	8	8	8	24

DESILTER PERFORMANCE

	HOURS	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	R3	12¼ x 6 8/32	4.63
1	DC	12¼ x 6 7/32	6.89
1	SU	12¼ x 6 7/32	4.67
1	DM	12¼ x 6 8/32	24.88
1	SU	12¼ x 6 7/32	4.54
2	DC	12¼ x 5 9/16	62.49
22	DC	12¼ x 4¾	680.31
15	HW	12¼ x 3½	460.11
			FT.
			FT.
80	D.P.	STANDS	7662.48
	D.P.	SINGLES	FT.
		KELLY DOWN	23 FT.
		TOTAL	8934 FT.
		WT. OF DC	38000 LBS.
		WT. OF STRING	148 M LBS.

BIT RECORD

BIT NO.	6A
SIZE	6¾
MFG.	HW
TYPE	X55R
SERIAL NO.	D790
JETS 1/32"	18 18 14
DEPTH OUT	
DEPTH IN	8926
TOTAL FOOTAGE	8
TOTAL HRS. RUN	3½
BIT CONDITION 1/8'S T/B | 1/8" GAGE	2 4

HOLE CONDITION

1	HOLE DRAG (1000 LBS.)	5000
2	TORQUE AT BOTTOM (FT. POUNDS)	½
3	FILL ON BOTTOM (FEET)	0

MUD RECORD

TIME	4	6
WEIGHT	13.5	13.8
FUNNEL VIS. SEC.	70	75
PV/YP		
GELS.		
W.L.-C.C.	20	
F.C. 1/32"	3	
PH	11.5	
% OIL		
% SAND		

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
POLYMER-100			
RETAIN-500			
STAFLO-50			
PLA 100-50			

FOOTAGE

FROM	TO	HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 LBS.)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8926	8934	3½				30	35			4½	105	5½		Conv

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
6	12 00	12 30	½	RUN IN DCS & HW.
9	12 30	1 30	1	CUT & SLIP 80' LINE
6	1 30	4 30	3	RUN IN & REAM 30' TO BOTTOM
2	4 30	8 00	3½	DRLG 8½" HOLE 4½"

Driller: Ed Holland

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	R3	12¼ x 6 8/32	4.63
1	DC	12¼ x 6 7/32	6.89
1	SU	12¼ x 6 7/32	4.67
1	DM	12¼ x 6 8/32	24.88
1	SU	12¼ x 6 7/32	4.54
2	DC	12¼ x 5 9/16	62.49
22	DC	12¼ x 4¾	680.31
15	HW	12¼ x 3½	460.11
			FT.
			FT.
80	D.P.	STANDS	7662.48
	D.P.	SINGLES	FT.
		KELLY DOWN	FT.
		TOTAL	FT.
		WT. OF DC	LBS.
		WT. OF STRING	LBS.

BIT RECORD

BIT NO.	6A
SIZE	6¾
MFG.	HW
TYPE	X55R
SERIAL NO.	D790
JETS 1/32"	18 18 14
DEPTH OUT	
DEPTH IN	8926
TOTAL FOOTAGE	27
TOTAL HRS. RUN	11¼
BIT CONDITION 1/8'S T/B | 1/8" GAGE	ORLG

HOLE CONDITION

1	HOLE DRAG (1000 LBS.)	
2	TORQUE AT BOTTOM (FT. POUNDS)	
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	8 00	11	2
WEIGHT	13.9	13.9	13.6
FUNNEL VIS. SEC.	175	105	90
PV/YP			
GELS.			
W.L.-C.C.	14.6		11.7
F.C. 1/32"			3
PH			11.5
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
FLR 100	50#		
STAFLO	50#		
CAUSTIC	50		
M-I 100	50#		

FOOTAGE

FROM	TO	HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 LBS.)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8934	8953	7¾	D		SAND STONE	35	35	2000		4½	104			Conv

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12	8 00	8 15	¼	SER RIG & BOPS
12	8 15	4 00	7¾	DRLG

Driller: Paul Jones

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	R3	12¼ x 6 7/32	4.63
1	DC	12¼ x 6 7/32	6.89
1	SU	12¼ x 6 7/32	4.67
1	DM	12¼ x 6 8/32	24.88
1	SU	12¼ x 6 7/32	4.54
2	DC	12¼ x 5 9/16	62.49
22	DC	12¼ x 4¾ x 4¾	680.31
15	HW	12¼ x 3½	460.11
			FT.
			FT.
80	D.P.	STANDS	FT.
1	D.P.	SINGLES	769.45
		KELLY DOWN	27 FT.
		TOTAL	8970 FT.
		WT. OF DC	38000 LBS.
		WT. OF STRING	114 LBS.

BIT RECORD

BIT NO.	6A
SIZE	6¾
MFG.	HW
TYPE	X55R
SERIAL NO.	OC790
JETS 1/32"	18 18 14
DEPTH OUT	8970
DEPTH IN	8926
TOTAL FOOTAGE	44
TOTAL HRS. RUN	13¼
BIT CONDITION 1/8'S T/B | 1/8" GAGE	1 1 6

HOLE CONDITION

1	HOLE DRAG (1000 LBS.)	50 00
2	TORQUE AT BOTTOM (FT. POUNDS)	1
3	FILL ON BOTTOM (FEET)	6

MUD RECORD

TIME	4	8	10
WEIGHT	13.8	13.8	13.6
FUNNEL VIS. SEC.	80	105	100
PV/YP			
GELS.			
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

EVENING TOUR

FOOTAGE

FROM	TO	HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 LBS.)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8953	8970	7	D			35	35	2100		4½	110	5½		Conv

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	4 00	4 15	¼	RIG SER & BOP
2	4 15	11 15	7	DRLG
4	11 15	12 00	¾	BLOW KELLY & PULL OUT

Driller: Ed Holland

CP-38 (9/70)

DAILY DRILLING REPORT

WELL NAME: SHELL STÉ FRANÇOISE ROMAINE NO. 1

LOCATION: LOT 723 - 2ND RANG II CANTON LOTBINIÈRE

PROVINCE: QUÉBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mishick

CONTRACTOR: REGENT DRLG. LTD

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Hébert

RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE: MONTH	DAY	YEAR
8897	8926	29	107 1/4	136	3	24	72

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7 5/8	33.7	153	6559	17.35	6559		

DP-DC SIZE	WT. / FT.	GRADE	CONN.	BBL. I.D.	TOOL JT. O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3 1/2			6	2 1/4	4 7/8	IF	1	OILWELL	600	8
4 1/2				3 1/4	4 7/8	IF	2	EMSCO	700P	10

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	HOLE OPENING				
4	CORING		6	3 1/4	11 1/4
5	REAM, CLEAN TO BOTTOM & CIRCULATING	1 1/2			1 1/2
6	TRIPS	4 3/4		3 1/2	8 1/4
7	RIG SERVICE				
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS	1 3/4		1 1/4	3
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY		8		
	TOTALS	8	8	8	
	HOURS FOR SHELL ACCOUNT	24	16		
BOILER HOURS	BOILER	8	8	8	

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	CO	I.D. X O.D. 7 7/8	34.33 FT.
1	MO	2 x 8 3/4	84 FT.
1	SU	2 x 6 3/4	3.70 FT.
2	RE	2 x 5 1/4	62.48 FT.
1	TW	2 x 4 3/4	6.52 FT.
21	DC	2 1/4 x 6 3/4	680.31 FT.
15	HW	2 1/4 x 3 1/2	460.11 FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
79	D.P.	STANDS	7630.45 FT.
1	D.P.	SINGLE	10.00 FT.
		KELLY DOWN	FT.
		TOTAL	FT.
		WT. OF DC	LBS.
		WT. OF STRING	LBS.

BIT RECORD

BIT NO.	CORE NO 3
SIZE	CORE 6 3/4
MFG.	CHRIST.
TYPE	
SERIAL NO.	EC9711
JETS 1/32"	
DEPTH OUT	
DEPTH IN	8897
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B 1/16' GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)
2	TORQUE AT BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME	
WEIGHT	
FUNNEL VIS.-SEC.	
PV/YP	
GELS.	
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
	8897													

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	12 00	2 30	2 1/2	R.O.H.
	2 30	3 30	1	STAND BACK STAB. + MODEL, PICK UP CORE BARREL
	3 30	4 15	3/4	CHECK CORE BRL PCR UP DOUBLE PIN SUB + BOTTOM HOLE STAB
	4 15	6 30	2 1/4	RUN IN
	6 30	7 30	1	CIRC

Driller: Paul Sr

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	CO	I.D. X O.D. 7 7/8	34.33 FT.
1	MO	2 x 8 3/4	84 FT.
1	SU	2 x 6 3/4	3.30 FT.
2	DC	2 1/4 x 5 3/4	62.49 FT.
1	TH	2 x 4 3/4	6.52 FT.
22	DC	2 1/4 x 6 3/4	680.37 FT.
15	HW	2 1/4 x 3 1/2	460.11 FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
79	D.P.	STANDS	FT.
1	D.P.	SINGLES	7630.45 FT.
		KELLY DOWN	39 FT.
		TOTAL	8919 FT.
		WT. OF DC	38 000 LBS.
		WT. OF STRING	150 M LBS.

BIT RECORD

BIT NO.	6 3
SIZE	6 3/4
MFG.	CHRIST.
TYPE	
SERIAL NO.	EC9711
JETS 1/32"	
DEPTH OUT	
DEPTH IN	8897
TOTAL FOOTAGE	8919
TOTAL HRS. RUN	8
BIT CONDITION 1/8'S T/B 1/16' GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)
2	TORQUE AT BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME	8	12	2	
WEIGHT	13.6	13.8	13.8	
FUNNEL VIS.-SEC.	72	65	65	
PV/YP	/	/	/	
GELS.	/	/	/	
W.L.-C.C.	11.1			
F.C. 1/32"	3			
PH	11.5			
% OIL				
% SAND				

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8897	8919	8		3		14	60	2100		4 1/2	96	5 1/2		Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4	8 00	4 00	8	CUT CORE NO. 3
				CORE NO. 3 8897 - 8927 REC. 30'

Driller: Ed Holland

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	CO	I.D. X O.D. 7 7/8	4.62 FT.
1	MO	2 x 8 3/4	6.84 FT.
1	SU	2 x 6 3/4	4.19 FT.
1	DP	2 x 6 3/4	24.46 FT.
1	SU	2 x 6 3/4	1.54 FT.
2	DC	2 x 5 3/4	62.00 FT.
22	DC	2 1/4 x 6 3/4	680.31 FT.
15	HW	2 1/4 x 3 1/2	460.11 FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
80	D.P.	STANDS	7626.45 FT.
	D.P.	SINGLES	FT.
		KELLY DOWN	82 FT.
		TOTAL	8926 FT.
		WT. OF DC	38 000 LBS.
		WT. OF STRING	150 M LBS.

BIT RECORD

BIT NO.	6 3
SIZE	6 3/4
MFG.	HW
TYPE	45KR
SERIAL NO.	DK 7710
JETS 1/32"	14 14 14
DEPTH OUT	
DEPTH IN	8926
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B 1/16' GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)
2	TORQUE AT BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME	4 00			
WEIGHT	13.8			
FUNNEL VIS.-SEC.	65			
PV/YP	/	/	/	
GELS.	/	/	/	
W.L.-C.C.	15.6			
F.C. 1/32"	2 SW			
PH				
% OIL				
% SAND				

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8919	8926	3 1/4	C			14	60	2100		4 1/2	96			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	4 00	7 15	3 1/4	CUT CORE NO 3
	7 15	10 30	3 1/4	P.O.H. BLOW KELLY
	10 30	11 30	1	RECOVER 30 FT CORE
	11 30	12 00	1/2	SER. CORE BRL + LAY DOWN
	11 45	12 00	1/4	RUN IN WITH BIT NO. 63

Driller: Paul Sr

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE NO. 1
LOCATION: LOT 723-200 RGE II CANTE LOTBINIERE
PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited
SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mackenzie
CONTRACTOR: REGENT DRLG LTD
SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Hilborn
RIG NO: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
8865	8897	32	1496	137	3	23	72

DP / DC SIZE	WT / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD
3½			2¼	4⅝	IF
4½			2¼	6¼	IF

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OILWELL	600	8
2	IDECO	7300	16

LAST CASING TUBING OR LINER: SIZE 7 5/8 | WT. AND GR. 29/26 | NO. OF JOINTS 153 | FEET 4659 | KB. TO CSG. HEAD 12.95 | SET AT 4634 | CEMENT USED (SACKS)

REMARKS

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7¾		1	8¾
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING		2¾	2¾	5½
6	TRIPS		7½	5	12½
7	RIG SERVICE	¼			¼
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY	½			½
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD			1½	1½
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	Crude 24.0			
FUEL CONSUMED	BOILER	9	8	8	24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			
		BIT		FT.
1	RJ	12¼	4.63	FT.
1	DC	9½	61.78	FT.
1	SU	9½	46.71	FT.
1	DART	9½	24.91	FT.
1	SU	9½	4.94	FT.
2	DC	9½	101.94	FT.
22	DC	8	680.31	FT.
15	HWDP	5½	460.11	FT.
				FT.
				FT.
79	D.P.	STANDS	7630.40	FT.
XX	D.P.	SINGLES		FT.
	KELLY DOWN		17	FT.
	TOTAL		8894	FT.
WT. OF DC			36	LBS.
WT. OF STRING			150	LBS.

BIT RECORD

BIT NO.	62
SIZE	6¾
MFG.	HW
TYPE	4550
SERIAL NO.	18065
JETS 1/32"	18/18/18
DEPTH OUT	8894
DEPTH IN	8800
TOTAL FOOTAGE	94
TOTAL HRS. RUN	26
BIT CONDITION 1/8'S T/B | 1/8" GAGE	2 4 I

HOLE CONDITION

1 HOLE DRAG (1000 #)	
2 TORQUE AT BOTTOM (OF TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	12⁰⁰	3	6
WEIGHT	13.7	13.7	13.7
FUNNEL VIS.-SEC.	73	72	70
PV / YP	/	/	/
GELS	/	/	/
W.L.-C.C.		13.6	
F.C. 1/32"		3	
PH		12	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	BIT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8865	8894	29	0			30	35	2000		4½				

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
7	12⁰⁰	12¹⁵	¼	RIG SER
	12¹⁵	8⁰⁰	7¾	DRLG
				CREW WORKED OVER ROADS BLOWN IN
				J. KOHUT + F. CARIN 10 HRS
				6 HRS TRYING TO GET TO RIG

DRILLER: Joe Kohut

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			
		BIT		FT.
				FT.
				FT.
				FT.
				FT.
				FT.
				FT.
				FT.
				FT.
				FT.
	D.P.	STANDS		FT.
	D.P.	SINGLES		FT.
	KELLY DOWN			FT.
	TOTAL			FT.
WT. OF DC				LBS.
WT. OF STRING				LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000 #)	
2 TORQUE AT BOTTOM (OF TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME			
WEIGHT			
FUNNEL VIS.-SEC.			
PV / YP	/	/	/
GELS			
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	BIT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
8890	40	S 17 W						

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
10	8⁰⁰	8³⁰	½	BOP SURVEY BLOW KELLY
6	8³⁰	2⁴⁵	5¼	T.O.H. + CHANGE BITS + RUN IN HOLE W/BIT #3
	2⁴⁵		1	PULL OUT + PICK UP JUNK SUB + RUN IN
		4⁰⁰	1¼	W/BIT + JUNK SUB.
				CREW WORKED OVER ROADS BLOWN IN 16 HRS

DRILLER: Joe Kohut

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			
		BIT		FT.
1	JS	12¼	2.95	FT.
1	RJ	9½	4.67	FT.
1	DC	9½	61.89	FT.
1	SU	9½	46.71	FT.
1	DART	9½	24.88	FT.
1	SU	9½	4.94	FT.
2	DC	9½	101.94	FT.
22	DC	8	680.31	FT.
15	HWDP	5½	460.11	FT.
				FT.
79	D.P.	STANDS	7630.40	FT.
2	D.P.	SINGLES	14.	FT.
	KELLY DOWN		8897	FT.
	TOTAL		36 000	LBS.
WT. OF DC			150 000	LBS.

BIT RECORD

BIT NO.	RR
SIZE	6¾
MFG.	HW
TYPE	
SERIAL NO.	J3218
JETS 1/32"	18/18/18
DEPTH OUT	8897
DEPTH IN	8894
TOTAL FOOTAGE	3
TOTAL HRS. RUN	1
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000 #)	8000
2 TORQUE AT BOTTOM (OF TURNS)	1
3 FILL ON BOTTOM (FEET)	NIL

MUD RECORD

TIME	8⁰⁰	10³⁰	
WEIGHT	13.7	13.7	
FUNNEL VIS.-SEC.	80	75	
PV / YP	/	/	/
GELS			
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	2000 lb		

FOOTAGE

FROM	TO	BIT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8894	8897	1				30	35	3200		4½	100			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
6	4⁰⁰	7³⁰	3½	RUN IN HOLE W/BIT + JUNK SUB
5	7³⁰	8⁰⁰	½	REAM TO BOTTOM + WORK JUNK SUB
2	8⁰⁰	9⁰⁰	1	DRILL 6¾" HOLE
21	9⁰⁰	10³⁰	1½	CIRC. + CONDITION MUD TO CORE.
6	10³⁰	12⁰⁰	1½	BLOW KELLY + PULL OUT TO CORE.
				E. HOLLAND - O. BROWN + N. ZITLAW
				4 HRS TRYING TO GET TO RIG

DRILLER: Joe Kohut

CP-30 (9/70)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE #1

LOCATION: LOT 723-200 REGN-CONTR LOT NEIGE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

CONTRACTOR: REIGHT DR DRILL LTD.

RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE: MONTH	DAY	YEAR
8400	8864	464	1487 1/4	136	3	27	72

1969

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT (USED / SACKS)	REMARKS
	7 5/8	29.7 26	153	6559	17.34	6559		

	WT. P/F	GRADE	IRON I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
DP / DC SIZE									
3 1/2			2 1/4	4 1/2	EU	1	OILWELL	560P	8"
5 3/4 + 4 1/2			2 1/4	5 1/4 + 4 1/2	TF	2	EMSCO	D700	16"

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	4	7 3/4	6 1/2	18 1/4
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING	1			1
6	TRIPS	3			3
7	RIG SERVICE		1/4	1/4	1/2
8	RIG REPAIR		1/4	1	1 1/4
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING	Cole			
COMPLETION 44	TESTING	2042			
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	4	8	8	24
	HOURS FOR SHELL ACCOUNT				
	BOILER	4	8	8	24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	R33	12 1/4 x 6 3/4	463
1	DC	12 1/4 x 6 3/4	6.89
1	542	12 1/4 x 6 3/4	4.67
1	DC	12 1/4 x 6 3/4	24.88
1	542	12 1/4 x 6 3/4	4.54
22	DC	12 1/4 x 6 3/4	620.31
15	HW	12 1/4 x 3 1/2	460.11
79	D.P.	STANDS	
2	D.P.	SINGLES	75.34 17
		KELLY DOWN	24 FT.
		TOTAL	8410 FT.
WT. OF DC			380 000 LBS.
WT. OF STRING			150 000 LBS.

BIT RECORD

BIT NO.	62
SIZE	6 3/4
MFG.	HW
TYPE	J55R
SERIAL NO.	DA085
JETS 1/32"	18 18 18
DEPTH OUT	
DEPTH IN	8400
TOTAL FOOTAGE	10
TOTAL HRS. RUN	4
BIT CONDITION 1/8'S T/B 1/16" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000 F)	
2 TORQUE AT BOTTOM (OF TURNS)	
3 FILL ON BOTTOM (FEET)	N/C

MUD RECORD

TIME	400	600
WEIGHT	13.6	13.7
FUNNEL VIS. SEC.	75	80
PV / YP	/	/
GELS	/	/
W.L.-C.C.		14.2
F.C. 1/32"		3/32
PH		
% OIL		
% SAND		

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

MORNING TOUR

FOOTAGE

FROM	TO	HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 F)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8400	8410	4												

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	12 00	3 00	3	PICK UP 7 SINGLES + KELLY
5	3 00	4 00	1	REAM TO BOTTOM
2	4 00	8 00	4	DRILL 6 3/4 HOLE

J.N

DRILLER: Ted Robert

DAY TOUR

FOOTAGE

FROM	TO	HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 F)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8410	8840	7 3/4	0			30	35	200		4 1/2	110	5 1/2		Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	6 00	8 15	1/4	BIG SEA + BOP CHECK
2	8 15	7 00	7 3/4	DRILL CH 6" HOLE

DRILLER: Ed Holland

EVENING TOUR

FOOTAGE

FROM	TO	HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 F)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8840	8865	6 1/2	0			30	35	2000		4 1/2	(110)			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	4 00	4 15	1/4	SER RIG ✓ B.O.P.S.
2	4 15	4 45	1/2	DRLG.
8	4 45	6 00	1 1/4	WORK ON CROWNOMATIC
2	6 00	12 00	6	DRLG.

DRILLER: Paul Surf

CP-38 (9/70)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE #1

LOCATION: PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

CONTRACTOR: REGANT DRILLING

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE:

RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
8800		0	1469	135	3	21	72

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT. O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3½			2¼	4½	IF	1	OILWELL	560P	8"
5¼+4½			2¼	5¼+4¾	IF	2	EASCO	D700	16"

LAST CASING TUBING OR LINER

SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
7⅝	29.26	163	6559	17.34	6559		

TIME DISTRIBUTION — HOURS

CODE	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS				
7	RIG SERVICE				
8	RIG REPAIR	4	8	8	24
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	4	8	8	24
	HOURS FOR SHELL ACCOUNT				
BOILER HOUSE OPERATING RECORD	BOILER	4	8	8	24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

DRILLING ASSEMBLY NO. CODE AT END OF TOUR

BIT — FT

1	R3	12¼ x 6⅜	463	FT	
1	DC	12¼ x 3¼	6.89	FT	
1	SW	12¼ x 6⅜	4.67	FT	
1	RR	12¼ x 3¼	24.98	FT	
1	SW	12¼ x 6⅜	4.54	FT	
2	DC	8¼ x 2¼	12.48	FT	
22	DC	8¼ x 2¼	680.31	FT	
15	HW	8¼ x 3½	460.11	FT	
		I.D. x O.D.		FT	
		I.D. x O.D.		FT	
	D.P.	STANDS		FT	
	D.P.	SINGLES		FT	
	KELLY DOWN			FT	
	TOTAL		8000	FT	
WT. OF DC			38200	LBS.	
WT. OF STRING				LBS.	

BIT RECORD

BIT NO.	62
SIZE	6¾
MFG.	HW
TYPE	J55R
SERIAL NO.	DA085
JETS 1/32"	9/11/14
DEPTH OUT	
DEPTH IN	8800
TOTAL FOOTAGE	0
TOTAL HRS. RUN	0
BIT CONDITION 1/8'S T/B/1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000 #)

2 TORQUE AT BOTTOM (DP TORQUE)

3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	18⁰⁰	4⁰⁰	6⁰⁰
WEIGHT	13.7	13.7	13.7
FUNNEL VIS.-SEC.	75	80	75
PV / YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

MORNING TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8	12⁰⁰	6³⁰	8	WAIT ON CROWN REPAIRS

DRILLER: Ed Holland

DRILLING ASSEMBLY NO. CODE AT END OF TOUR

BIT — FT

1	R3	12¼ x 6⅜	463	FT	
1	DC	12¼ x 3¼	6.89	FT	
1	SW	12¼ x 6⅜	4.69	FT	
1	DP	12¼ x 3¼	24.98	FT	
1	SW	12¼ x 6⅜	4.54	FT	
2	DC	8¼ x 2¼	12.48	FT	
22	DC	8¼ x 2¼	680.31	FT	
15	HW	8¼ x 3½	460.11	FT	
		I.D. x O.D.		FT	
		I.D. x O.D.		FT	
	D.P.	STANDS		FT	
	D.P.	SINGLES		FT	
	KELLY DOWN			FT	
	TOTAL			FT	
WT. OF DC				LBS.	
WT. OF STRING				LBS.	

BIT RECORD

BIT NO.	62
SIZE	6¾
MFG.	HW
TYPE	J55R
SERIAL NO.	DA085
JETS 1/32"	18/18/18
DEPTH OUT	
DEPTH IN	8800
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B/1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000 #)

2 TORQUE AT BOTTOM (DP TORQUE)

3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	8	12	2
WEIGHT	13.8	13.9	14.0
FUNNEL VIS.-SEC.	75	75	75
PV / YP	/	/	/
GELS	/	/	/
W.L.-C.C.	14		
F.C. 1/32"	3		
PH	12.0		
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

DAY TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8	8⁰⁰	2³⁰	6½	WAIT ON CROWN REPAIRS
	2³⁰	4⁰⁰	1½	RE ASSEMBLE CROWN

DRILLER: Ed Holland

DRILLING ASSEMBLY NO. CODE AT END OF TOUR

BIT — FT

		I.D. x O.D.		FT	
		I.D. x O.D.		FT	
		I.D. x O.D.		FT	
		I.D. x O.D.		FT	
		I.D. x O.D.		FT	
		I.D. x O.D.		FT	
		I.D. x O.D.		FT	
		I.D. x O.D.		FT	
	D.P.	STANDS		FT	
	D.P.	SINGLES		FT	
	KELLY DOWN			FT	
	TOTAL			FT	
WT. OF DC				LBS.	
WT. OF STRING				LBS.	

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B/1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000 #)

2 TORQUE AT BOTTOM (DP TORQUE)

3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	6		
WEIGHT	13.9		
FUNNEL VIS.-SEC.	75		
PV / YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
	8800													

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

EVENING TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8	4⁰⁰	12⁰⁰	8	INSTALL CROWN RAISE DERRICK HOOK UP FLOOR
				CIRC 8 HRS

DAILY DRILLING REPORT

CP-38 (9/70)

WELL NAME: SHELL STE FRANCOISE ROMAINIE #1

LOCATION: LOT 723-200 RANG II CANTON LATOURNIERE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Murphy

CONTRACTOR: REGENT DRILLING LTD.

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Hebden

RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
8400	8800	0	1469	134	3	20	72

DP / DC SIZE	WT / FT	GRADE
3½		E
5¼ + 4½		

MIN. I.D.	TOOL JT O.D.	TYPE THREAD
2¼	4½	IF
2¼	5¼ + 4½	IF

PUMP NO. 1 / 2

PUMP MANUFACTURER: OILWELL / EMSCO

TYPE	STROKE LENGTH
560P	8"
D700	16"

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7⅝	29.26	153	6559	17.34	6559		

TIME DISTRIBUTION — HOURS

CODE	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN OR BOTTOM & CONDITIONING				
6	TRIPS				
7	RIG SERVICE				
8	RIG REPAIR	8	8	8	24
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
	BOILER	8	8	8	24

Repair Crown
Hoist Chain
Mud Tanks

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	R3	7⅞ x 6⅜	463 FT
1	DC	7⅞ x 2¼	6.89 FT
1	SW	7⅞ x 6⅜	467 FT
1	DM	7⅞ x 2¼	2488 FT
1	SW	7⅞ x 6⅜	454 FT
2	DC	7⅞ x 5¼	62.48 FT
22	DC	7⅞ x 4½	680.38 FT
15	HW	7⅞ x 3½	460.11 FT
		I.D. x O.D.	FT.
		I.D. x O.D.	FT.
	D.P.	STANDS	FT.
	D.P.	SINGLES	FT.
	KELLY DOWN		FT.
	TOTAL		8800 FT.
	WT. OF DC		38 000 LBS.
	WT. OF STRING		LBS.

BIT RECORD

BIT NO.	62
SIZE	6¾
MFG.	HW
TYPE	J55R
SERIAL NO.	DA085
JETS 1/32"	18/14/14
DEPTH OUT	
DEPTH IN	8400
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1. HOLE DRAG (1000 #)
2. TORQUE AT BOTTOM (OF TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME	12⁰⁰	8⁰⁰	6⁰⁰
WEIGHT	13.6	13.6	13.7
FUNNEL VIS.-SEC	70	60	75
PV / YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	1000#		
GEL	2000#		

FOOTAGE

FROM	TO	BIT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	12⁰⁰			WORK ON CROWN BLOCKS +
				REPLACE BRAKE BLOCKS +
	8⁰⁰		8 hrs	MIX MUD

DRILLER: T. Robert

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	R3	7⅞ x 6¾	463 FT
1	DC	7⅞ x 6¾	6.89 FT
1	SW	7⅞ x 6¾	467 FT
1	DM	7⅞ x 2¼	24.88 FT
1	SW	7⅞ x 6¾	456 FT
2	DC	7⅞ x 5¼	62.48 FT
22	DC	7⅞ x 4½	680.38 FT
15	HW	7⅞ x 3½	460.11 FT
		I.D. x O.D.	FT.
		I.D. x O.D.	FT.
	D.P.	STANDS	FT.
	D.P.	SINGLES	FT.
	KELLY DOWN		FT.
	TOTAL		8800 FT.
	WT. OF DC		38 000 LBS.
	WT. OF STRING		LBS.

BIT RECORD

BIT NO.	62
SIZE	6¾
MFG.	HW
TYPE	J55R
SERIAL NO.	DA085
JETS 1/32"	18/14/14
DEPTH OUT	
DEPTH IN	8400
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1. HOLE DRAG (1000 #)
2. TORQUE AT BOTTOM (OF TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME	8	2	
WEIGHT	13.9	13.8	
FUNNEL VIS.-SEC	100	92	
PV / YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	BIT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8	8⁰⁰			REPLACE TIMBERS IN CROWN
		4⁰⁰	8	+ WORK ON MUD TANKS

DRILLER: D. Holland

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	R3	7⅞ x 6¾	463 FT
1	DC	7⅞ x 6¾	6.89 FT
1	SW	7⅞ x 6¾	9.67 FT
1	DM	7⅞ x 2¼	24.88 FT
1	SW	7⅞ x 6¾	4.54 FT
2	DC	7⅞ x 5¼	62.48 FT
22	DC	7⅞ x 4½	680.38 FT
15	HW	7⅞ x 3½	460.11 FT
		I.D. x O.D.	FT.
		I.D. x O.D.	FT.
	D.P.	STANDS	FT.
	D.P.	SINGLES	FT.
	KELLY DOWN		FT.
	TOTAL		FT.
	WT. OF DC		LBS.
	WT. OF STRING		LBS.

BIT RECORD

BIT NO.	R2
SIZE	6¾
MFG.	HW
TYPE	J55R
SERIAL NO.	DA085
JETS 1/32"	CLOSED
DEPTH OUT	
DEPTH IN	8800
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1. HOLE DRAG (1000 #)
2. TORQUE AT BOTTOM (OF TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME	4	7	11
WEIGHT	13.8	13.9	0.8
FUNNEL VIS.-SEC	95	94	90
PV / YP			
GELS	/	/	/
W.L.-C.C.		14.2	
F.C. 1/32"		3/32	
PH		12	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	BIT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8400														

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8	4⁰⁰	12⁰	8	WAIT ON CROWN REPAIRS

DRILLER: Paul Gray

DAILY DRILLING REPORT

CP-38 (8/70)

WELL NAME: SHELL STE-FRANCOISE ROUDINE #1

LOCATION: LOT 723-200-RIE6-11-CONTE LOTBINEIRE — PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited — CONTRACTOR: REGENT DRILLING LTD — RIG NO. 6

SIGNATURE OF OPERATOR'S REPRESENTATIVE: Q. Mulpatrick — SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Hallborn

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
8800	1469			133	3	19	72

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3 1/2		G	2 1/4	4 1/2	IF	1	OILWELL	5601P	8"
4 1/2 x 5 1/2			2 3/4	4 3/4 x 5 1/2	IF	2	EMSCO	2700	16"

LAST CASING, TUBING OR LINER: SIZE 7 5/8 — WT. AND GR. 29/26 — NO. OF JOINTS 153 — FEET 6559 — KB TO CSG. HEAD 1734 — SET AT 6559 — CEMENT USED (SACKS) — REMARKS

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS				
7	RIG SERVICE				
8	RIG REPAIR	18	6	24	
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	18	6	24	
	HOURS FOR SHELL ACCOUNT				
	BOILER	18	6	24	

Crown Repair 24 hrs.

DESILTER PERFORMANCE

	MORN	DAY	EVE
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO	CODE	BIT	FT
1	R3	12 1/4 x 6 5/8	463'
1	MC	12 1/4 x 6 5/8	689'
1	S4	12 1/4 x 6 5/8	467'
1	DM	12 1/4 x 6 5/8	2488'
1	SA	12 1/4 x 6 5/8	454'
2	DC	9 1/2 x 6 5/8	624'
22	DC	9 1/2 x 6 5/8	680.31'
15	HW	5 1/2 x 3 1/2	460.11'
		x	
		x	
		D.P. STANDS	
		S.P. SINGLES	
		KELLY DOWN	
		TOTAL	
		WT. OF DC	38 M LBS.
		WT. OF STRING	LBS.

BIT RECORD

BIT NO.	62
SIZE	6 3/4
MFG.	HW
TYPE	J55R
SERIAL NO.	DA085
JETS 1/32"	15/14/14
DEPTH OUT	
DEPTH IN	8800
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)
2 TORQUE AT BOTTOM (DP TURNS)
3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME			
WEIGHT			
FUNNEL VIS.-SEC.			
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
4	12:00	18:45	3/4	RUN IN 30 STANDS
	12:45	2:45	2	LAY DOWN 72 SINGLES
	2:45	4:45	2	+RUN TO 6500
	4:45	8:00	3 1/4	TRAP OUT HOUR TO LAY DOWN DERRICK

DRILLER: Jon Robert

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO	CODE	BIT	FT
1	R3	12 1/4 x 6 5/8	463'
1	DC	9 1/2 x 6 5/8	689'
1	S4	12 1/4 x 6 5/8	467'
1	DM	12 1/4 x 6 5/8	24.88'
1	S4	12 1/4 x 6 5/8	4.58'
2	DC	9 1/2 x 6 5/8	62.48'
22	DC	9 1/2 x 6 5/8	680.31'
16	HW	5 1/2 x 3 1/2	460.11'
		x	
		x	
		D.P. STANDS	
		D.P. SINGLES	
		KELLY DOWN	
		TOTAL	
		WT. OF DC	38 M LBS.
		WT. OF STRING	LBS.

BIT RECORD

BIT NO.	62
SIZE	6 3/4
MFG.	HW
TYPE	J55R
SERIAL NO.	DA085
JETS 1/32"	15/14/14
DEPTH OUT	
DEPTH IN	8800
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)
2 TORQUE AT BOTTOM (DP TURNS)
3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	10	12	2
WEIGHT	13.5	13.7	13.6
FUNNEL VIS.-SEC.			
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
8	8:00			RIG UP TO LAY DOWN DERRICK +
		10 min	2	LAY DERRICK DOWN
	10:00			TIE DRILLING LINE IN DERRICK +
		1:00	3	REMOVE CROWN
	1:00			WORK ON CROWN + RESTRING
		4	3	DRILLING LINE

DRILLER: J. Hallborn

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO	CODE	BIT	FT
1	R3	12 1/4 x 6 5/8	463'
1	DC	9 1/2 x 6 5/8	6.89'
1	S4	12 1/4 x 6 5/8	4.67'
1	DM	12 1/4 x 6 5/8	24.88'
1	IN	12 1/4 x 6 5/8	4.64'
2	DC	9 1/2 x 5 1/4	62.48'
22	DC	9 1/2 x 6 5/8	680.31'
16	HW	5 1/2 x 3 1/2	460.11'
		x	
		x	
		D.P. STANDS	
		S.P. SINGLES	
		KELLY DOWN	
		TOTAL	
		WT. OF DC	LBS.
		WT. OF STRING	LBS.

BIT RECORD

BIT NO.	62
SIZE	6 3/4
MFG.	HW
TYPE	J55R
SERIAL NO.	DA085
JETS 1/32"	15/14/14
DEPTH OUT	
DEPTH IN	8800
TOTAL FOOTAGE	0
TOTAL HRS. RUN	0
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)
2 TORQUE AT BOTTOM (DP TURNS)
3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	4	6	9
WEIGHT	13.6	13.6	13.6
FUNNEL VIS.-SEC.	64	65	64
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.		13.4	
F.C. 1/32"		3	
PH		12	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8800														

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
8	4:00	12:00	8	RESTRING DRILLING LINE TO 10 LINES
				BUILD NEW CROWN BLOCKS
				CIRC

DRILLER: Ron Bourque

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE #1

LOCATION: LOT 323-260, REG. II - CONTE LOT NINIRIE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: A. Gilles Hinks

CONTRACTOR: REGENT DRILLING LTD

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Dubeau

RIG NO: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
8763	8800	37	1469 (1459)	132	3	18	72

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	9 5/8	32/36	153	6559	17.34	6559		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7 1/2	2 1/4		10
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS		3	1 1/4	4 1/4
7	RIG SERVICE	1/4	1/4	1/2	1
8	RIG REPAIR		2 1/2	6 1/4	9 1/4
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	FRACTURING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
	BOILER	8	8	8	24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

PUMP MANUFACTURER

TYPE	STROKE LENGTH
560	8
D700	16

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	RR	8 1/2 x 6 3/4	463 FT
1	DC	8 1/2 x 6 3/4	6.89 FT
1	SH	8 1/2 x 6 3/4	4.67 FT
1	OMT	8 1/2 x 6 3/4	24.88 FT
1	SH	8 1/2 x 6 3/4	4.54 FT
2	DC	8 1/2 x 6 3/4	62.49
22	DC	8 1/2 x 6 3/4	680.31 FT
15	HW	8 1/2 x 7 3/4	460.11 FT
			FT
			FT
78	D.P.	STANDS	FT
1	D.P.	SINGLES	7502.02
		KELLY DOWN	42 FT
		TOTAL	8792. FT
		WT. OF DC	38 000 LBS
		WT. OF STRING	147 000 LBS

BIT RECORD

BIT NO.	61
SIZE	6 3/4
MFG.	SMITH
TYPE	556
SERIAL NO.	GC051
JETS 1/32"	14 14 14
DEPTH OUT	8800
DEPTH IN	8729
TOTAL FOOTAGE	63
TOTAL HRS. RUN	17 3/4
BIT CONDITION 1/8'S T/B 1/16" GAGE	1 1 1/16

HOLE CONDITION

1	HOLE DRAG (1000#)	
2	TORQUE AT BOTTOM	OF TURNS 1
3	FILL ON BOTTOM (FEET)	NIL

MUD RECORD

TIME	18 00	3 AM	6 00
WEIGHT	13.7	13.7	13.6
FUNNEL VIS.-SEC.	80	75	75
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.		13 4	
F.C. 1/32"			
PH		12.50	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8763	8792	7 3/4				30	35	2200		6 1/2	115			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
7	12 00	12 15	1/4	RIG SER
2	12 15	8 00	7 3/4	DRILL 6 3/4" HOLE

DRILLER: Joe Kehat

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	RR	8 1/2 x 6 3/4	4.63 FT
1	DC	8 1/2 x 6 3/4	6.89 FT
1	SH	8 1/2 x 6 3/4	4.67 FT
1	OMT	8 1/2 x 6 3/4	24.88 FT
1	SH	8 1/2 x 6 3/4	4.54 FT
2	DC	8 1/2 x 6 3/4	62.49
22	DC	8 1/2 x 6 3/4	680.31 FT
15	HW	8 1/2 x 7 3/4	460.11 FT
			FT
			FT
78	D.P.	STANDS	FT
2	D.P.	SINGLES	7434.13
		KELLY DOWN	18 FT
		TOTAL	8800
		WT. OF DC	38 LBS.
		WT. OF STRING	147000 LBS

BIT RECORD

BIT NO.	61
SIZE	6 3/4
MFG.	SMITH
TYPE	556
SERIAL NO.	GC051
JETS 1/32"	14 14 14
DEPTH OUT	8800
DEPTH IN	8729
TOTAL FOOTAGE	71
TOTAL HRS. RUN	20
BIT CONDITION 1/8'S T/B 1/16" GAGE	1 1 1

HOLE CONDITION

1	HOLE DRAG (1000#)	8000
2	TORQUE AT BOTTOM	OF TURNS 1
3	FILL ON BOTTOM (FEET)	0

MUD RECORD

TIME	8	10	
WEIGHT	13.6	13.7	
FUNNEL VIS.-SEC.	69	70	
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8729	8800	2 1/4	D			30	35	2100		6 1/2	115	5 1/2		Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
7	8 00	8 15	1/4	RIG SER + BOP CHECK
2	8 15	10 30	2 1/4	DRILL 6 3/4" HOLE
6	10 30			BLOW KELLY + PULL OUT OF HOLE
		1 30	3	PULLED INTO CROWN
9	1 30			PUT SCAFFOLD UNDER CROWN
		4 00	2 1/2	+ REMOVE BROKE TIMBERS

DRILLER: Ed Holland

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
			FT
			FT
			FT
			FT
			FT
			FT
			FT
			FT
			FT
			FT
	D.P.	STANDS	FT
	D.P.	SINGLES	FT
		KELLY DOWN	FT
		TOTAL	FT
		WT. OF DC	LBS.
		WT. OF STRING	LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B 1/16" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000#)	
2	TORQUE AT BOTTOM	OF TURNS
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME			
WEIGHT			
FUNNEL VIS.-SEC.			
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
	8800													

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
9	4 00			UNSTRING DRILLING LINE TO BYPASS DAMAGED CROWN SHIVES
		10 45	6 3/4	
6	10 45			FINISH OUT OF HOLE + CHANGE BIT'S + RUN IN W/ BIT # 62
		12 00	1 1/4	

DRILLER: Joe Kehat

DAILY DRILLING REPORT

CP-38 (9/70)

WELL NAME: SHELL "TE FRANCOISE ROMAINE" #1

LOCATION: LOT 223-200 - REG II - CONTE LOTBINIERE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: A. Wolfenden

CONTRACTOR: REGENT DRILLING LTD

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Hebert

RIG NO.: SIX

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
8712	8763	51	145 9 (1442 3/4)	131	3	17	72

DP. / DC. SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3 1/2			2 7/8	4 1/2	IF	1	OILWELL	560 DT	8
5 1/2 - 6 1/4			2 1/4	5 1/4 - 4 3/4	IF	2	EMSCO	0700	16

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7 5/8	26-29	153	6559	17.34	6559		

TIME DISTRIBUTION — HOURS

CODE	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	6 1/4	2 3/4	7 3/4	16 1/4
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING		1/4		1/4
6	TRIPS	1 1/2	5 1/2		7
7	RIG SERVICE	1/4		1/4	1/2
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
NON-PRODUCTIVE	BOILER	8	8	8	24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	A3	12 1/4 x 6 8	4.63
1	DC	12 1/4 x 6 3/4	6.89
1	SH	12 1/4 x 6 3/4	4.67
1	DM	12 1/4 x 6 3/4	24.88
1	SH	12 1/4 x 6 3/4	4.54
2	DC	8 1/4 x 6 3/4	62.48
22	DC	6 1/4 x 6 3/4	680.38
15	HW	2 3/4 x 3 1/2	460.11
		I.D. x O.D.	FT.
		I.D. x O.D.	FT.
78	D.P.	STANDS	7469.95
	D.P.	SINGLES	FT.
	KELLY DOWN		12 FT.
	TOTAL		8729
WT. OF DC			78000
WT. OF STRING			141000

BIT RECORD

BIT NO.	60
SIZE	6 3/4
MFG.	SMITH
TYPE	SS 7
SERIAL NO.	JQ 565
JETS 1/32"	18/18/18
DEPTH OUT	8729
DEPTH IN	8678
TOTAL FOOTAGE	51
TOTAL HRS. RUN	18
BIT CONDITION 1/8'S T/B/1/8" GAGE	2 5 0

HOLE CONDITION

1	HOLE DRAG (1000 #)	6000
2	TORQUE AT BOTTOM (DP TURNS)	1
3	FILL ON BOTTOM (FEET)	0

MUD RECORD

TIME	12	2	6
WEIGHT	13.8	13.8	13.9
FUNNEL VIS.-SEC.	66	67	64
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.	14.6		
F.C. 1/32"	3		
PH	11.5		
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8712	8729	6 1/4	D			30	35	2000		4 1/2	115	5 1/2		Comp

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
7	12 00	12 15	1/4	RIG SER
2	12 15	6 30	6 1/4	DRILL 6 3/4" HOLE
6	6 30	8 00	1 1/2	BLOW KELLY & PULL OUT

8729 - 12 = 8717

DRILLER: P. Gray

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	A3	12 1/4 x 6 8	4.63
1	DC	12 1/4 x 6 3/4	6.89
1	SH	12 1/4 x 6 3/4	4.67
1	DM	12 1/4 x 6 3/4	24.88
1	SH	12 1/4 x 6 3/4	4.54
2	DC	8 1/4 x 6 3/4	62.48
22	DC	6 1/4 x 6 3/4	680.38
15	HW	2 3/4 x 3 1/2	460.11
		I.D. x O.D.	FT.
		I.D. x O.D.	FT.
78	D.P.	STANDS	7469.95
	D.P.	SINGLES	FT.
	KELLY DOWN		21 FT.
	TOTAL		8739
WT. OF DC			38000
WT. OF STRING			143000

BIT RECORD

BIT NO.	61
SIZE	6 3/4
MFG.	SMITH
TYPE	SS 6
SERIAL NO.	GC 051
JETS 1/32"	18/18/18
DEPTH OUT	
DEPTH IN	8729
TOTAL FOOTAGE	10
TOTAL HRS. RUN	2 1/4
BIT CONDITION 1/8'S T/B/1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)	
2	TORQUE AT BOTTOM (DP TURNS)	1
3	FILL ON BOTTOM (FEET)	N/A

MUD RECORD

TIME	2 00		
WEIGHT	13.5		
FUNNEL VIS.-SEC.	75		
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.		15.4	
F.C. 1/32"		3 32	
PH		11.5	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8729	8739	2 1/4	D			30	35	2200		4 1/2	115			

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
6	8 00	1 30	5 1/2	PULL OUT + CHANGE BIT'S + RUN IN (NEW BIT # 61
5	1 30	1 45	1/4	REAM TO BOTTOM
2	1 45	4 00	2 1/4	DRILL 6 3/4" HOLE

8739 - 12 = 8727

DRILLER: Ted Richard

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	A3	12 1/4 x 6 8	4.63
1	DC	12 1/4 x 6 3/4	6.89
1	SH	12 1/4 x 6 3/4	4.67
1	DM	12 1/4 x 6 3/4	24.88
1	SH	12 1/4 x 6 3/4	4.54
2	DC	8 1/4 x 6 3/4	62.48
22	DC	6 1/4 x 6 3/4	680.38
15	HW	2 3/4 x 3 1/2	460.11
		I.D. x O.D.	FT.
		I.D. x O.D.	FT.
75	D.P.	STANDS	7502.07
2	D.P.	SINGLES	FT.
	KELLY DOWN		13 FT.
	TOTAL		8763
WT. OF DC			38000
WT. OF STRING			143000

BIT RECORD

BIT NO.	61
SIZE	6 3/4
MFG.	SMITH
TYPE	SS 6
SERIAL NO.	GC 051
JETS 1/32"	18/18/18
DEPTH OUT	
DEPTH IN	8729
TOTAL FOOTAGE	34
TOTAL HRS. RUN	10
BIT CONDITION 1/8'S T/B/1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)	8000
2	TORQUE AT BOTTOM (DP TURNS)	1
3	FILL ON BOTTOM (FEET)	0

MUD RECORD

TIME	4	8	10
WEIGHT	13.8	13.9	13.9
FUNNEL VIS.-SEC.	72	75	60
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.	16		
F.C. 1/32"	3		
PH	11.5		
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
POLYMER - 50 #			
POTASH - 500 #			
STAFLO - 50 #			
FLA-10A - 50 #			

3 BAL WATER PER MIN OVER 6 HRS.

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8739	8763	7 3/4	D			30	35	2000		4 1/2	115	5 1/2		Comp

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
7	4 00	4 15	1/4	RIG SER + B.O.P. CHECK.
2	4 15	12 00	7 3/4	DRILL 6 3/4" HOLE

DRILLER: Ed Rolland

DAILY DRILLING REPORT

CP-38 (9/70)

WELL NAME: SHELL STE FRANCOISE ROMAINE NO 1

LOCATION: LOT 723-202 RGE 11 CANTÉ LOTBINIÈRE

PROVINCE: QUÉBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Maffick

CONTRACTOR: REGENT DRLG. LTD

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Lebeau

RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
8671	8712	41	1442 3/4	130	3	16	72

DP / DC SIZE	WT / FT	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD
3 1/2		E	2 1/4	4 1/2	IF
4 1/2			2 1/4	4 1/2	IF

PUMP MANUFACTURER: 1 OILWELL; 2 EMSCO

TYPE	STROKE LENGTH
ROP	9
7000	6

LAST CASING TUBING OR LINER

SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
7 5/8	39/26	153	6559	17.35	6589		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	2 1/4	4	7 3/4	14
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATION		1/2		1/2
6	TRIPS	4 1/4	2 1/2		6 3/4
7	RIG SERVICE	1/4		1/4	1/2
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE	1 1/4	1		2 1/4
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK ON FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
OTHER CHARGEABLE ACCOUNTS	BOILER	8	8	8	24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	HO	12 1/4 x 6 3/4	3.25
1	DC	12 1/4 x 8 1/2	6.59
1	SH	12 1/4 x 6 3/4	4.67
1	DM	12 1/4 x 8 1/2	24.94
1	SH	12 1/4 x 6 3/4	4.54
2	DC	12 1/4 x 5 7/8	62.48
22	DC	12 1/4 x 4 3/4	680.31
R	HW	12 1/4 x 3 1/2	460.11
77	D.P.	STANDS	7406.64
8	D.P.	SINGLES	
		KELLY DOWN	
		TOTAL	

W. T. OF DC: LBS.

W. T. OF STRING: LBS.

BIT RECORD

BIT NO.	60
SIZE	6 3/4
MFG.	SMITH
TYPE	S56
SERIAL NO.	GG020
JETS 1/32"	15 MM 14
DEPTH OUT	
DEPTH IN	8592
TOTAL FOOTAGE	86
TOTAL HRS. RUN	26 3/4
BIT CONDITION 1/8'S T/B | 1/8" GAGE	3 | 1

HOLE CONDITION

1	HOLE DRAG (1000 #)	
2	TORQUE AT BOTTOM (DP TURNS)	
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	12 M	2 M
WEIGHT	13.9	13.9
FUNNEL VIS.-SEC.	75	72
PV / YP	/	/
GELS	/	/
W.L.-C.C.		
F.C. 1/32"		
PH		
% OIL		
% SAND		

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8671	8678	2 1/4	D			35	35	2200		4 1/2	114			Conv

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
7	12 00	12 15	1/4	SER. RIG. ✓ B.O.P.S.
2	12 15	2 30	2 1/4	DRLG.
6	2 30	6 45	4 1/4	BLOW KELLY + POH.
9	6 45	8 00	1 1/4	SLIP NEW LINE

DRILLER: Paul Sim

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	RR	12 1/4 x 6 3/4	46.3
1	DC	12 1/4 x 8 1/2	6.89
1	SH	12 1/4 x 6 3/4	4.67
1	DM	12 1/4 x 8 1/2	24.88
1	SH	12 1/4 x 6 3/4	4.54
2	DC	12 1/4 x 5 7/8	62.48
22	DC	12 1/4 x 4 3/4	680.31
15	HW	12 1/4 x 3 1/2	460.11
77	D.P.	STANDS	
1	D.P.	SINGLES	740.64
		KELLY DOWN	35
		TOTAL	8690
		W. T. OF DC	38 000 LBS.
		W. T. OF STRING	LBS.

BIT RECORD

BIT NO.	61
SIZE	6 3/4
MFG.	SMITH
TYPE	S57
SERIAL NO.	JA565
JETS 1/32"	14 14 14
DEPTH OUT	
DEPTH IN	8678
TOTAL FOOTAGE	12
TOTAL HRS. RUN	4
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)	
2	TORQUE AT BOTTOM (DP TURNS)	1
3	FILL ON BOTTOM (FEET)	NIL

MUD RECORD

TIME	12 00	2 00
WEIGHT	13.7	13.7
FUNNEL VIS.-SEC.	80	80
PV / YP	/	/
GELS	/	/
W.L.-C.C.		14.4
F.C. 1/32"		3 1/32
PH		11.5
% OIL		
% SAND		

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8678	8690	4	D			30	35	2200		4 1/2	115			Conv

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
9	6 00	9 00	1	STRING NEW LINE
6	9 00	11 30	2 1/2	RUN IN DRIT = 61
5	11 30	12 00	1/2	REAM TO BOTTOM
2	12 00	4 00	4	DRILL 6 3/4" HOLE

DRILLER: Ted Kohut

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	A3	12 1/4 x 6 3/4	4.63
1	DC	12 1/4 x 4 3/4	6.99
1	SH	12 1/4 x 6 3/4	4.67
1	DM	12 1/4 x 8 1/2	24.88
1	SH	12 1/4 x 6 3/4	4.54
2	DC	12 1/4 x 5 7/8	62.48
22	DC	12 1/4 x 4 3/4	680.31
15	HW	12 1/4 x 3 1/2	460.19
77	D.P.	STANDS	
2	D.P.	SINGLES	74 37.89
		KELLY DOWN	25
		TOTAL	8712
		W. T. OF DC	38 000
		W. T. OF STRING	141 000 LBS.

BIT RECORD

BIT NO.	61
SIZE	6 3/4
MFG.	SMITH
TYPE	S57
SERIAL NO.	JB966
JETS 1/32"	14 14 14
DEPTH OUT	
DEPTH IN	8678
TOTAL FOOTAGE	34
TOTAL HRS. RUN	11 3/4
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)	1000
2	TORQUE AT BOTTOM (DP TURNS)	1
3	FILL ON BOTTOM (FEET)	0

MUD RECORD

TIME	4	6	10
WEIGHT	13.9	13.8	13.8
FUNNEL VIS.-SEC.	68	68	63
PV / YP	/	/	/
GELS	/	/	/
W.L.-C.C.	14.2		
F.C. 1/32"	3		
PH	12		
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
3 GAL. WATE FOR 6 HR.			

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8690	8712	7 3/4	D			30	35/100	2000		4 1/2	115	6 1/2		Conv

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
7	4 00	4 15	1/4	RIG SER + B.O.P. CHECK
2	4 15	12 00	7 3/4	DRILL 6 3/4" HOLE

TRAVEL TIME FOR C. OUIMET

DRILLER: Ed Holland

DAILY DRILLING REPORT

F-38 (9/70)

WELL NAME: SHELL STE FRANCOISE ROMAINE NO 1

LOCATION: LOT 722-208 RGE II CONTÉ LATRINEIRE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Murphy

CONTRACTOR: REGENT DRILLING LTD

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Hubbard

RIG NO: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
8596	8671	75	1428¾	129	3	15	72

DP & DC SIZE	WT / FT	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3½	15.5	G	2¼	4½	IF	1	OILWELL	560P	8
4¾			2¼	4¾	IF	2	EMSCO	700D	16

LAST CASING TUBING OR LINER: SIZE 7⅝ | WT. AND GR. 29.7 G | NO. OF JOINTS 153 | FEET 6559 | KB. TO CSG. HEAD 17.35 | SET AT 6559 | CEMENT USED (SACKS) | REMARKS

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7¼	7¾	7¾	23¼
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS				
7	RIG SERVICE	¼	¼	¼	¾
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING	Coil			
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING	2042			
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
BOILER HOURS	BOILER	8	8	8	24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	S60	12¼	3.25
1	DC	12¼	6.89
1	S60	12¼	4.67
1	DP	12¼	24.88
1	S60	12¼	4.54
2	DC	12¼ x 5⅞	62.48
22	DC	12¼ x 4¾	680.31
15	HW	12¼ x 3½	460.11
76	D.P.	STANDS	7342.01
2	D.P.	SINGLES	
		KELLY DOWN	2.9
		TOTAL	8646
		WT. OF DC	86 LBS
		WT. OF STRING	180 LBS

BIT RECORD

BIT NO.	60
SIZE	6¾
MFG.	SMITH
TYPE	S56
SERIAL NO.	GC020
JETS 1/32"	18 14 14
DEPTH OUT	
DEPTH IN	8592
TOTAL FOOTAGE	76
TOTAL HRS. RUN	8¾
BIT CONDITION 1/8'S T/B 1/8" GAGE	0 R L/4

HOLE CONDITION

1	HOLE DRAG (1000#)	
2	TORQUE AT BOTTOM (DP TURNS)	
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	10°	3	6
WEIGHT	13.4	13.7	13.9
FUNNEL VIS.-SEC.	110	85	72
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.		12.6	
F.C. 1/32"		3	
PH		12	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	50 SX		
WATER	4 GPM	3 HRS	

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8596	8615	7¾	D			35	35	2200		4½	115	5½		COMP

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	12 00	12 15	¼	RIG SER ✓ B.O.P.S.
2	12 15	8 00	7¾	DRLG
				CHANGE REAMER CUTTER ON NEAR BIT REAMER 6¾

DRILLER: Paul Gray

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	S60	12¼	3.25
1	DC	12¼	6.89
1	S60	12¼	4.67
1	DP	12¼	24.88
1	S60	12¼	4.54
2	DC	12¼ x 5⅞	62.48
22	DC	12¼ x 4¾	680.31
15	HW	12¼ x 3½	460.11
77	D.P.	STANDS	7374.07
	D.P.	SINGLES	
		KELLY DOWN	25
		TOTAL	8646
		WT. OF DC	35
		WT. OF STRING	180

BIT RECORD

BIT NO.	60
SIZE	6¾
MFG.	SMITH
TYPE	S56
SERIAL NO.	GC020
JETS 1/32"	18 14 14
DEPTH OUT	
DEPTH IN	8592
TOTAL FOOTAGE	54
TOTAL HRS. RUN	16½
BIT CONDITION 1/8'S T/B 1/8" GAGE	1 D R I/C

HOLE CONDITION

1	HOLE DRAG (1000#)	8000
2	TORQUE AT BOTTOM (DP TURNS)	1
3	FILL ON BOTTOM (FEET)	NIL

MUD RECORD

TIME			
WEIGHT			
FUNNEL VIS.-SEC.			
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8618	8696	7¾	D											

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	8 00	8 15	¼	RIG SER
2	8 15	4 00	7¾	DRILL 6¾" HOLE

DRILLER: [illegible]

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	S60	12¼	3.25
1	DC	12¼	6.89
1	S60	12¼	4.67
1	DP	12¼	24.88
1	S60	12¼	4.54
2	DC	12¼ x 5⅞	62.48
22	DC	12¼ x 4¾	680.37
15	HW	12¼ x 3½	460.11
77	D.P.	STANDS	7406.08
1	D.P.	SINGLES	[illegible]
		KELLY DOWN	
		TOTAL	
		WT. OF DC	35
		WT. OF STRING	180

BIT RECORD

BIT NO.	60
SIZE	6¾
MFG.	SMITH
TYPE	S56
SERIAL NO.	GC020
JETS 1/32"	18 14 14
DEPTH OUT	
DEPTH IN	8592
TOTAL FOOTAGE	79
TOTAL HRS. RUN	24½
BIT CONDITION 1/8'S T/B 1/8" GAGE	D R L/G

HOLE CONDITION

1	HOLE DRAG (1000#)	10000
2	TORQUE AT BOTTOM (DP TURNS)	1
3	FILL ON BOTTOM (FEET)	0

MUD RECORD

TIME	4	8	10
WEIGHT	13.9	13.8	13.8
FUNNEL VIS.-SEC.	85	80	75
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.		13.6	
F.C. 1/32"		3	
PH		12	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	30 SX		
GEL	WATER	FOR	CAR.

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8646	8671	7¾	D			35	35	1000		4½	115	5½		COMP

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	4 00	4 15	¼	RIG SER.
2	4 15	12 00	7¾	DRILL 6¾" HOLE

DRILLER: Ed Hallord.

DAILY DRILLING REPORT

F-28 (1/79)

WELL NAME: SHELL STE FRANCOISE ROMAINE NO 1

LOCATION: LOT 723-20D AGE II CONTE LOTBINIERE

PROVINCE: QUÉBEC

1789

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mathieson

CONTRACTOR: REGENT DRLG LTD

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Hebden

RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
8557	8596	45	1406½	128	3	14	72

DP / DC SIZE	WT. / FT.	GRADE	MFR. I.D.	TOOL JT. O.D.	TYPE THREAD
3½		6	2½	3½	IF
4½			2¼	4¼	IF

PUMP MANUFACTURER

PUMP NO.	TYPE	STROKE LENGTH
1	OIL WELL "MSCO	560P 8
2		700D 16

LAST CASING TUBING OR LINER

SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
7 5/8	33/26	153	6559	17.35	6559		

TIME DISTRIBUTION — HOURS

CODE	OPERATION	MORN	DAY	EVE	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7¾	7¾	1	16½
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM + CIRCULATING				
6	TRIPS			6½	6½
7	RIG SERVICE	¼	¼		½
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS			½	½
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 43	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING	Cole 2042			
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
CONTRACTOR	BOILER	8	8	8	24

DESILTER PERFORMANCE

	MORN	DAY	EVE
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			
		BIT		FT.
1	RR	2 x 6 5/8	4.63	FT
1	DC	2 x 4 3/4	6.88	FT
1	SH	2 x 6 3/4	4.47	FT
1	DM	2 x 4 3/4	24.88	FT
1	SH	2 x 6 3/4	4.54	FT
2	DC	3 1/2 x 6 1/4	62.48	FT
22	DC	3 1/2 x 6 1/4	690.31	FT
15	HW	3 1/2 x 3 1/2	460.41	FT
		O.D. x O.D.		FT
		O.D. x O.D.		FT
76	D.P.	STANDS	7309.96	FT
1	D.P.	SINGLES		FT
		KELLY DOWN	11	FT
		TOTAL	8570	FT
		WT. OF DC	34	LBS.
		WT. OF STRING	174	LBS.

BIT RECORD

BIT NO.	59
SIZE	6¾
MFG.	HW
TYPE	J88
SERIAL NO.	T4218
JETS 1/32"	14 16 M
DEPTH OUT	
DEPTH IN	8545
TOTAL FOOTAGE	25
TOTAL HRS. RUN	16¾
BIT CONDITION 1/8'S T/B 1/16" GAGE	DRLG.

HOLE CONDITION

1	HOLE DRAG (1000 F)	10
2	TORQUE AT BOTTOM (DP TURNS)	1
3	FILL ON BOTTOM (FEET)	0

MUD RECORD

TIME	12.00	3	6
WEIGHT	13.9	13.9	13.9
FUNNEL VIS. SEC.	82	75	72
PV / YP	/	/	/
GELS	/	/	/
W.L.-C.C.	12	12.7	12.4
F.C. 1/32"	3	3	3
PH	11.5		12.0
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
CAUSTIC	1	POTASH	15
DRISPAC	1	WATER	36 BBLS
FILTER	1		
POLYMER	2		

FOOTAGE

FROM	TO	HOT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 F)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8557			D		QUARTZ	35	35	2000		4½	110	5½		Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
7	12[00]	12[15]	¼	SER. RIG ✓ BOP
2	12[15]	8[00]	7¾	DRLG.

DRILLER: Paul Brow

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			
		BIT		FT.
1	RR	2 x 6 5/8	4.13	FT
1	DC	2 x 4¾	6.89	FT
1	SH	2 x 6 3/4	4.67	FT
1	DM	2 x 4¾	24.88	FT
1	SH	2 x 6 3/4	4.54	FT
2	DC	3½ x 6¼	62.48	FT
22	DC	3½ x 6¼	690.31	FT
15	HW	3½ x 3½	460.41	FT
		O.D. x O.D.		FT
		O.D. x O.D.		FT
76	D.P.	STANDS	7309.96	FT
1	D.P.	SINGLES		FT
		KELLY DOWN	33	FT
		TOTAL	8592	FT
		WT. OF DC	34	LBS.
		WT. OF STRING	174	LBS.

BIT RECORD

BIT NO.	59
SIZE	6¾
MFG.	HW
TYPE	J88
SERIAL NO.	T4218
JETS 1/32"	14 16 M
DEPTH OUT	
DEPTH IN	8545
TOTAL FOOTAGE	
TOTAL HRS. RUN	18
BIT CONDITION 1/8'S T/B 1/16" GAGE	2 1 I

HOLE CONDITION

1	HOLE DRAG (1000 F)	
2	TORQUE AT BOTTOM (DP TURNS)	1
3	FILL ON BOTTOM (FEET)	NIL

MUD RECORD

TIME	8 AM.	12 NOON	2 PM
WEIGHT	13.7	13.7	13.7
FUNNEL VIS. SEC.	80	75	75
PV / YP	/	/	/
GELS	/	/	/
W.L.-C.C.		11.8	
F.C. 1/32"		3	
PH		11.5	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	HOT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 F)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
4570	4592	7¾				35	35	2000		4½	115			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
7	8[00]	8[15]	¼	RIG SER.
2	8[15]	4[00]	7¾	DRILL 6¾" HOLE

DRILLER: Ted Robert

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			
		BIT		FT.
1	SH	2 x 6 5/8	3.25	FT
1	DC	2 x 4¾	6.89	FT
1	SH	2 x 6 3/4	4.67	FT
1	DM	2 x 4¾	24.88	FT
1	SH	2 x 6 3/4	4.54	FT
2	DC	3½ x 6¼	62.48	FT
22	DC	3½ x 6¼	690.31	FT
15	HW	3½ x 3½	460.41	FT
		O.D. x O.D.		FT
		O.D. x O.D.		FT
76	D.P.	STANDS	7309.96	FT
1	D.P.	SINGLES		FT
		KELLY DOWN	39	FT
		TOTAL	8596	FT
		WT. OF DC	34 000	LBS.
		WT. OF STRING	140 000	LBS.

BIT RECORD

BIT NO.	60
SIZE	6¾
MFG.	SMITH
TYPE	ss 6
SERIAL NO.	EC020
JETS 1/32"	14 14 14
DEPTH OUT	
DEPTH IN	8592
TOTAL FOOTAGE	4
TOTAL HRS. RUN	1
BIT CONDITION 1/8'S T/B 1/16" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 F)	10 000
2	TORQUE AT BOTTOM (DP TURNS)	½
3	FILL ON BOTTOM (FEET)	0

MUD RECORD

TIME			
WEIGHT			
FUNNEL VIS. SEC.			
PV / YP	/	/	/
GELS			
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	HOT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 F)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8592	8596	1	D			70	75	2000		4½	105	5½		Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
6	4[00]	7[30]	3½	BLOW KELLY + PULL OUT
20	7[30]	[illegible]		CALLIPER STABILIZERS. LAYDOWN REAMER
		8[00]	½	+ PICK UP ATM. HOLE STAB.
6	8[00]	11[00]	3	RUN IN BIT #60
7	11[00]	12[00]	1	DRILL 6¾" HOLE

DRILLER: Ed Holland

DAILY DRILLING REPORT

CP-38 (9/70)

WELL NAME: SHELL ST-6 FRANQUET ROMAINE NO 1

LOCATION: LOT 123-300 RGE II CANTON LOTBINIERE | PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited — SIGNATURE OF OPERATOR'S REPRESENTATIVE: G. Mitchell

CONTRACTOR: Regent Drlg Ltd — SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Hebbern — RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
8503	8551	48	1388	127	3	13	72

DP / DC SIZE	WT. / FT.	GRADE	NOM. I.D.	TOOL JT. O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3 1/2		6	2 7/8	4 1/2	IF	1	OILWELL	5600	8
4 3/4			2 7/4	4 3/4	IF	2	OILWELL 4 1/2 SCD	7000	16

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7 5/8	24 1/4	153	6559	12 F	6554		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7 1/4	5 1/4	2 1/2	15 1/4
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS	1/4	7	5 1/4	7 1/4
7	RIG SERVICE		1/4	1/4	1/2
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY.		1/2		1/2
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45	Code 2042				
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	8	8	8	24
BOILER HOURS	BOILER	8	8	8	24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT		FT.
1	R3	12 x 6 3/4	4.63	FT
1	DC	9 x 4 3/4	6.97	FT
1	DC	9 x 4 3/4	4.67	FT
1	DM	9 x 4 3/4	24.88	FT
1	SH	9 x 3 1/2	4.54	FT
2	DC	24 x 5 1/4	62.48	FT
22	DC	24 x 5 1/4	690.31	FT
15	HW	24 x 3 1/2	460.11	FT
		I.D. x I.D.		FT
76	D.P.	STANDS	727.79	FT
	D.P.	SINGLES		FT
	KELLY DOWN		39	FT
	TOTAL		8525	FT
WT. OF DC			36	LBS.
WT. OF STRING			172	LBS.

BIT RECORD

BIT NO.	56
SIZE	6 3/4
MFG.	SMITH
TYPE	S57
SERIAL NO.	HT1435
JETS 1/32"	18 18 18
DEPTH OUT	8503
DEPTH IN	8469
TOTAL FOOTAGE	34
TOTAL HRS. RUN	7 3/4
BIT CONDITION 1/8'S T/B | 1/8" GAGE	0 R | 6

HOLE CONDITION

1	HOLE DRAG (1000 F)	10
2	TORQUE AT BOTTOM (DP TURNS)	1
3	FILL ON BOTTOM (FEET)	0

MUD RECORD

TIME	12 AM	3 AM	6 AM
WEIGHT	13.9	13.9	13.9
FUNNEL VIS.-SEC	75	75	71
PV / YP	/	/	/
GELS	/	/	/
W.L.-C.C.	8.4		13.5
F.C. 1/32"	3		3
PH	11.5		11.5
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	56	WATER	
KELCO	1	56 BAG	3 HRS
FER-IRO	1		
SOAP PAC	1		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D BM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 F)	ROTARY R.P.M.	PUMP PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8503	8525	7 1/4	D		QUARTZ + CARB.	30	30	2200		4 1/2	120			Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	12	12 15	1/4	RIG SER ✓ BOPS
	12 15	8 00	7 3/4	DRLG

DRILLER: Ed Holland

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT		FT.
1	R3	12 x 6 3/4	4.63	FT
1	DC	9 x 4 3/4	6.89	FT
1	SH	9 x 3 1/2	4.67	FT
1	DM	9 x 4 3/4	24.88	FT
1	SH	9 x 3 1/2	4.54	FT
2	DC	24 x 5 1/4	62.48	FT
22	DC	24 x 5 1/4	690.31	FT
15	HW	24 x 3 1/2	460.11	FT
		I.D. x I.D.		FT
76	D.P.	STANDS	727.79	FT
	D.P.	SINGLES		FT
	KELLY DOWN		14	FT
	TOTAL		8545	FT
WT. OF DC			34 000	LBS.
WT. OF STRING			172 000	LBS.

BIT RECORD

BIT NO.	58
SIZE	6 3/4
MFG.	SMITH
TYPE	S57
SERIAL NO.	HT685
JETS 1/32"	18 18 18
DEPTH OUT	8545
DEPTH IN	8469
TOTAL FOOTAGE	56
TOTAL HRS. RUN	18
BIT CONDITION 1/8'S T/B | 1/8" GAGE	2 4 | 1

HOLE CONDITION

1	HOLE DRAG (1000 F)	8000
2	TORQUE AT BOTTOM (DP TURNS)	1
3	FILL ON BOTTOM (FEET)	8 1/2

MUD RECORD

TIME			
WEIGHT	13.7	13.8	13.7
FUNNEL VIS.-SEC	72	75	75
PV / YP	/	/	/
GELS	/	/	/
W.L.-C.C.	12.8		
F.C. 1/32"	[illegible]		
PH	11.5		
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	20		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D BM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 F)	ROTARY R.P.M.	PUMP PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8525	8545	5 1/2	I	8		35	35	2200		4 1/2	120			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	8 00	9 15	1/4	RIG SER
	9 15	1 15	5	DRILL 6 3/4" HOLE
10	1 15	2 00	1/2	SURVEY
6	2 00	4 00	2	PULL OUT

DRILLER: Joe Kohut

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT		FT.
1	R3	12 x 6 3/4	4.63	FT
1	DC	9 x 4 3/4	6.59	FT
1	SH	9 x 3 1/2	4.67	FT
1	DM	9 x 4 3/4	24.88	FT
1	SH	9 x 3 1/2	4.54	FT
2	DC	24 x 5 1/4	62.48	FT
22	DC	24 x 5 1/4	690.31	FT
15	HW	24 x 3 1/2	460.11	FT
		I.D. x I.D.		FT
76	D.P.	STANDS	727.79	FT
	D.P.	SINGLES		FT
	KELLY DOWN		24	FT
	TOTAL		8581	FT
WT. OF DC			38 000	LBS.
WT. OF STRING			142 000	LBS.

BIT RECORD

BIT NO.	59
SIZE	6 3/4
MFG.	HW
TYPE	T88
SERIAL NO.	7X218
JETS 1/32"	14 14 18
DEPTH OUT	
DEPTH IN	8585
TOTAL FOOTAGE	6
TOTAL HRS. RUN	2 1/2
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 F)	2 000
2	TORQUE AT BOTTOM (DP TURNS)	1/2
3	FILL ON BOTTOM (FEET)	0

MUD RECORD

TIME	10 PM		
WEIGHT	13.7		
FUNNEL VIS.-SEC	75		
PV / YP	/	/	/
GELS	/	/	/
W.L.-C.C.	15.4		
F.C. 1/32"	3		
PH	11.		
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D BM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 F)	ROTARY R.P.M.	PUMP PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8545	8551	2 1/2	D			35	35	2200		4 1/2	120	5 1/2		Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
8545	4° S 20 W							

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
6	4 00	6 00	2	PULL OUT OF HOLE
7	6 00	6 15	1/4	RIG SER & BOP CHECK
6	6 15	9 30	3 1/4	RUN IN BIT #59
2	9 30	12 00	2 1/2	DRILL 6 3/4" HOLE

DRILLER: Ed Holland

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE NO 1
LOCATION: LOT 723 - 200 RG 11 CONTÉ LATOURELLE
PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited
SIGNATURE OF OPERATOR'S REPRESENTATIVE: A. Sutherland
CONTRACTOR: REGENT DRLG LTD
SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: A. Magnan
RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MO	DAY	YR
8490	8503	13	13 72½	126	3	12	72

DP / DC SIZE	WT / FT	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3½			2¼	4½	IF	1	OILWELL	660P	8
4¾			2¼	4¾	IF	2	EMSCO	700P	16

LAST CASING TUBING OR LINER: SIZE 7⅝ | WT. AND GR. 29.7 | NO. OF JOINTS 153 | FEET 6554 | KB. TO CSG. HEAD 17.35 | SET AT 6554 | CEMENT (USED & SACKS)

REMARKS:

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL			5	5
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS	½	2¾	3	
7	RIG SERVICE		¼	¼	
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG	6	7¼		15¼
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING (Code 2065 10H 8D. Code 2042)				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	6	8	8	24
	HOURS FOR SHELL ACCOUNT				
SERVICE CHARGES	BOILER	6	8	8	24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT			FT.
		BIT			FT.
		I.D. x	O.D.		FT.
		I.D. x	O.D.		FT.
		I.D. x	O.D.		FT.
		I.D. x	O.D.		FT.
		I.D. x	O.D.		FT.
		I.D. x	O.D.		FT.
		I.D. x	O.D.		FT.
		I.D. x	O.D.		FT.
		D.P. STANDS			FT.
		D.P. SINGLES			FT.
		KELLY DOWN			FT.
		TOTAL			FT.
		WT. OF DC			LBS.
		WT. OF STRING			LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION T/B/S T/B | I/B/S T/B | I/B GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)	
2	TORQUE AT BOTTOM (UP TURNS)	
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	
WEIGHT	
FUNNEL VIS.-SEC.	
PV / YP	/ / /
GELS	/ / /
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	BIT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
11	12⁰⁰	8	4	LOGGING. 1 CORE + VELOCITY
				Logs run ① DIFL : 6559 - 8485
				② BHC-ACOUSTILOG : 6559 - 8486
				③ Caliper Log : 6400 - 8486
				④ Microlog : 7450 - 8485
				⑤ velocity survey at 70.
				⑥ Sidewall core gun
				CHECK MOTOR KILLS OIL ⑥

DRILLER: [signature]

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT			FT.
		BIT			FT.
		I.D. x	O.D.		FT.
		I.D. x	O.D.		FT.
		I.D. x	O.D.		FT.
		I.D. x	O.D.		FT.
		I.D. x	O.D.		FT.
		I.D. x	O.D.		FT.
		I.D. x	O.D.		FT.
		I.D. x	O.D.		FT.
		D.P. STANDS			FT.
		D.P. SINGLES			FT.
		KELLY DOWN			FT.
		TOTAL			FT.
		WT. OF DC			LBS.
		WT. OF STRING			LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION T/B/S T/B | I/B/S T/B | I/B GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)	
2	TORQUE AT BOTTOM (UP TURNS)	
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	
WEIGHT	
FUNNEL VIS.-SEC.	
PV / YP	/ / /
GELS	/ / /
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	BIT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	8⁰⁰	3½	7¾	RUN VELOCITY'S & LAY DOWN TOOLS
	3½	4⁰⁰	¼	RUN IN W/ BIT #57

DRILLER: [signature]

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT			FT.
1	R3	I.D. 12 x	O.D. 6¾		4.63
1	DC	I.D. 2 x	O.D. 6¾		6.89
1	54	I.D. 2 x	O.D. 6¾		4.67
1	OM	I.D. 2 x	O.D. 6¾		24.88
1	54	I.D. 2 x	O.D. 6¾		4.54
2	DC	I.D. 2¼ x	O.D. 5¾		62.48
22	DC	I.D. 2¼ x	O.D. 6¾		680.37
15	HWDP	I.D. 2¼ x	O.D. 3½		460.14
		I.D. x	O.D.		FT.
		I.D. x	O.D.		FT.
75		D.P. STANDS			FT.
1		D.P. SINGLES			721.52
		KELLY DOWN			39 FT.
		TOTAL			3803 FT.
		WT. OF DC			39000 LBS.
		WT. OF STRING			174000 LBS.

BIT RECORD

BIT NO.	57
SIZE	6¾
MFG.	SMITH
TYPE	S57
SERIAL NO.	476465
JETS 1/32"	18/18/15
DEPTH OUT	
DEPTH IN	8489
TOTAL FOOTAGE	14
TOTAL HRS. RUN	5
BIT CONDITION T/B/S T/B | I/B/S T/B | I/B GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)	2000
2	TORQUE AT BOTTOM (UP TURNS)	½
3	FILL ON BOTTOM (FEET)	0

MUD RECORD

TIME	8	10
WEIGHT	13.5	13.8
FUNNEL VIS.-SEC.	80	70
PV / YP	/	/ /
GELS	/	/ /
W.L.-C.C.	17	
F.C. 1/32"	3	
PH	11.5	
% OIL		
% SAND		

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	BIT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8489	8503	5	3			5/15	35	2000		4½	116	5½		Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	4⁰⁰	4¹⁵	¼	RIG SER + BOP CHECK
6	4¹⁵	7⁰⁰	2¾	RUN IN BIT #58
2	7⁰⁰	12⁰⁰	5	DRILL 6¾" HOLE

DRILLER: [signature]

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE NO 1

LOCATION: LOT 723-200 RGE II CANTE LOTBINIÈRE — PROVINCE: QUÉBEC

OPERATOR: Shell Canada Limited — CONTRACTOR: REGENT DRILLING — RIG NO: 6

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Shergold — SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: R Maginnis

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
8464				125	3	11	72

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT. O.D.	TYPE THREAD
3½		E	2¼	4¾	IF
4¾			2¼	4¾	IF

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OILWELL	SLOD	6
2	OILWELL	7000	16

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7⅝	24/29	153	6554	1795	1054		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	WORK.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS	5½	1½	10	
7	RIG SERVICE				
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE			1	1
10	DEVIATION SURVEY				
11	WIRE LINE LOG			3½	3½
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST	5			5
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS	4½	2		4½
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
41	TUBING TRIPS				
42	TREATING				
43	SWABBING				
44	TESTING				
45		Code 2005			
60	ABANDON				
70	STANDBY				
	TOTALS	8	4½	24	
	HOURS FOR SHELL ACCOUNT				
	BOILER	9	7		

DESILTER PERFORMANCE

	WORK.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT — FT

I.D.	O.D.	FT
I.D.	O.D.	FT
I.D.	O.D.	FT
I.D.	O.D.	FT
I.D.	O.D.	FT
I.D.	O.D.	FT
I.D.	O.D.	FT
I.D.	O.D.	FT
D.P. STANDS		FT
D.P. SINGLES		FT
KELLY DOWN		FT
TOTAL		FT
WT. OF DC		LBS
WT. OF STRING		LBS

BIT RECORD

BIT NO.	
SIZE	RUN TEST
MFG.	5 COLLAR BELOW
TYPE	ALL DRILL PIPE
SERIAL NO.	
JETS 1/32"	+ HWDP
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION T/B'S T/B | T/B" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)

2 TORQUE AT BOTTOM (OF TURNS)

3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	
WEIGHT	
FUNNEL VIS.-SEC.	
PV / YP	
GELS	
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT — FT

I.D.	O.D.	FT
I.D.	O.D.	FT
I.D.	O.D.	FT
I.D.	O.D.	FT
I.D.	O.D.	FT
I.D.	O.D.	FT
I.D.	O.D.	FT
I.D.	O.D.	FT
D.P. STANDS		FT
D.P. SINGLES		FT
KELLY DOWN		FT
TOTAL		FT
WT. OF DC		LBS
WT. OF STRING		LBS

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION T/B'S T/B | T/B" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)

2 TORQUE AT BOTTOM (OF TURNS)

3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	
WEIGHT	
FUNNEL VIS.-SEC.	
PV / YP	
GELS	
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT — FT

I.D.	O.D.	FT
I.D.	O.D.	FT
I.D.	O.D.	FT
I.D.	O.D.	FT
I.D.	O.D.	FT
I.D.	O.D.	FT
I.D.	O.D.	FT
I.D.	O.D.	FT
D.P. STANDS		FT
D.P. SINGLES		FT
KELLY DOWN		FT
TOTAL		FT
WT. OF DC		LBS
WT. OF STRING		LBS

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION T/B'S T/B | T/B" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)

2 TORQUE AT BOTTOM (OF TURNS)

3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	
WEIGHT	
FUNNEL VIS.-SEC.	
PV / YP	
GELS	
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

MORNING TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
6	12 AM	1 30	1½	FINISH OUT
20	1 30	4 AM	2½	RIG UP TEST EQUIP
6	4 AM	8 AM	4	RUN IN DST NO5 WITH 5000' WATER CUSHION

DRILLER: Paul Sauvé

DAY TOUR

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
16	8 AM	1 PM	5	TEST DST # 5
6	1 PM	4 PM	3	PULL OUT PACKER

DST. NOS. 8290 - 8486'

① TO: 2 and 45, ST: 60 and 165 min.
② - weak initial puff, WAS dead after 40 min.
③ recovered 4430 WC, 120 WCM.
④ Bomb # 6950: HP: 5985 - 5956
SIP: 3776 - 3747
FP: 3174 - 3204

DRILLER: Paul Sauvé

EVENING TOUR

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
6	4 PM	5 30	1½	FINISH OUT
20	5 30	7 30	2	LAY DOWN TEST TOOLS
9	7 30	8 30	1	SLIP & CUT LINE
11	8 30	9 30	1	RIG UP LOGGERS
4	9 30	12 AM	2½	LOG GIN G

DRILLER:

DAILY DRILLING REPORT

CP 38 (9/70)

WELL NAME: SHELL STE FRANCOISE ROMAINE #1

LOCATION: LOT 723 - 200 - DEG 11 - CONTE LOT RIVIERE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: W. Hoffland

CONTRACTOR: REGENT DARLING LTD.

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: R. Murphy

RIG NO.: 31X

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE: MONTH	DAY	YEAR
8489				124	3	16	72

DP / DC SIZE	WT / FT	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3½		6	2¼	4½	I F	1	OILWELL	560PT	8
4½-5½			2¼	4½-5¾	I F	2	EMSCO	D700	16

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7 5/8	26-29	153	6559	17.34	6559		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING			2	2
6	TRIPS	4	3	4½	11½
7	RIG SERVICE				
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST		2		2
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS	4		½	7½
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
	BOILER	8	8	8	24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	83	I.D. 2 x 6/32 O.D.	4.63 FT.
1	DC	I.D. 2¼ x 6¼ O.D.	6.89 FT.
1	56	I.D. 2 x 6/32 O.D.	4.67 FT.
1	DC	I.D. 2 x 6¼ O.D.	24.88 FT.
1	54	I.D. 2 x 6/32 O.D.	4.54 FT.
20	DC	I.D. 2¼ x 6¼ O.D.	462.48 FT.
22	DC	I.D. 2¼ x 6¼ O.D.	680.31 FT.
15	HW	I.D. 3 x 6¼ O.D.	460.11 FT.
		I.D. x O.D.	FT.
		I.D. x O.D.	FT.
75	D.P.	STANDS	FT.
1	D.P.	SINGLES	7215.20 FT.
		KELLY DOWN	FT.
		TOTAL	8489 FT.
		WT. OF DC	38 M
		WT. OF STRING	172 M

BIT RECORD

BIT NO.	
SIZE	
MFG.	TEST
TYPE	TOOL
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	N/C

MUD RECORD

TIME	
WEIGHT	
FUNNEL VIS.-SEC.	
PV/YP	
GELS	
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

MORNING TOUR

FOOTAGE

FROM	TO	BIT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8489										4½		5½		Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
20	12 00	3 30	3½	PICK UP TEST TOOL
6	3 30			RUN IN WITH D.S.T. MEASURE IN & RUN
		7 30	4	4000' OF WATER CUSHION
20	7 30	8 00	½	RIG UP TO TEST

DRILLER: Ed Holland

DAY TOUR

FOOTAGE

FROM	TO	BIT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
20	8 00	8 30	½	FINISH RIG UP TO TEST
4	8 30	10 30	2	TRI SET PACKER
20	10 30	1 00	½	LAY DOWN TEST TOOLS
6	1 00	2 00	3	P.O.H.
20	5 00	4 00	2	BREAK DOWN TEST TOOLS + SUB.
				Circulate
				DST # 4
				8367 - 8462 : Minutes - no packer seat
				Ran and recovered 3765' WC,
				Rec. 210' mud.

DRILLER: Ed Holland

EVENING TOUR

FOOTAGE

FROM	TO	BIT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
20	4 00	5 30	1½	BREAK DOWN TEST TOOLS + LOID OUT.
6	5 30	9 15	2¾	RUN IN HOLE.
5	9 15	10 15	1	CIRC. TO CONDITION MUD FOR TEST.
6	10 15	12 00	1¾	BLOW KELLY + PULL OUT TO TEST.

DRILLER: Joe Robert

CP-35 (9/70)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE #1

LOCATION: LOT 723-200-REGN - CONTE LOTAINEIRE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [illegible]

CONTRACTOR: REGENT DRILLING LTD.

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: [illegible]

RIG NO: SIX

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
8489			1367½	123	3	9	72

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3½		6	2¼	4½	IF	1	OILWELL	600PT	8
4¾-5⅛			2¼	4¾-5⅛	IF	2	EMSCO	D700	16

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	RR TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7⅝	26-29	153	6559	17.34	6569		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	HOLE OPENING				
4	CORING				
5	REAM / CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS				
7	RIG SERVICE				
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG	8	8	5½	21½
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				1
21	CONDITION MUD				
22	LOST CIRCULATION				
23	[illegible]				1½
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45	(Cut 20")				
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	306			
SERVICE EQUIPMENT HOURS	BOILER	8	8	8	

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		I.D.	O.D.	
		BIT			FT.
					FT.
					FT.
					FT.
					FT.
					FT.
					FT.
					FT.
		D.P. STANDS			FT.
		D.P. SINGLES			FT.
		KELLY DOWN			FT.
		TOTAL			FT.

WT. OF DC: LBS.

WT. OF STRING: LBS.

BIT RECORD

BIT NO.	
SIZE	FT.
MFG.	FT.
TYPE	FT.
SERIAL NO.	FT.
JETS 1/32"	FT.
DEPTH OUT	FT.
DEPTH IN	FT.
TOTAL FOOTAGE	FT.
TOTAL HRS. RUN	FT.
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)

2 TORQUE AT BOTTOM (DP TURNS)

3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME			
WEIGHT			
FUNNEL VIS.-SEC.			
PV/YP	/	/	/
GELS.			
W.L.-C.C.			
F.C. 1/32"			
Pm			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	BIT HOURS	DR-D RW-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8489										4½		5½		Compd

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
11	12 MN	8 00	8	LOGGING

DRILLER: Ed Holland

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		I.D.	O.D.	
		BIT			FT.
1	RR	3	x 8¾		4.63 FT.
1	OC	3	x 8¾		6.89 FT.
1	SU	3	x 8¾		9.67 FT.
1	DR	3	x 8¾		24.88 FT.
1	SU	3	x (8¾)		4.54 FT.
2	OC	3	x 8¾		62.48 FT.
97	OC	3¼	x 8¾		640.31 FT.
15	MA	3¼	x 8¾		440.11 FT.
					FT.
					FT.
75		D.P. STANDS			FT.
1		D.P. SINGLES			721.26 FT.
		KELLY DOWN			FT.
		TOTAL			FT.

WT. OF DC: LBS.

WT. OF STRING: LBS.

BIT RECORD

BIT NO.	
SIZE	FT.
MFG.	FT.
TYPE	FT.
SERIAL NO.	FT.
JETS 1/32"	FT.
DEPTH OUT	FT.
DEPTH IN	FT.
TOTAL FOOTAGE	FT.
TOTAL HRS. RUN	FT.
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)

2 TORQUE AT BOTTOM (DP TURNS)

3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME			
WEIGHT			
FUNNEL VIS.-SEC.			
PV/YP	/	/	/
GELS.			
W.L.-C.C.			
F.C. 1/32"			
Pm			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	BIT HOURS	DR-D RW-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8489														

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
11	8 00	4 00	8	LOGGING

DRILLER: Paul Long

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		I.D.	O.D.	
		BIT			FT.
					FT.
					FT.
					FT.
					FT.
					FT.
					FT.
					FT.
		D.P. STANDS			FT.
		D.P. SINGLES			FT.
		KELLY DOWN			FT.
		TOTAL			FT.

WT. OF DC: LBS.

WT. OF STRING: LBS.

BIT RECORD

BIT NO.	
SIZE	FT.
MFG.	FT.
TYPE	FT.
SERIAL NO.	FT.
JETS 1/32"	FT.
DEPTH OUT	FT.
DEPTH IN	FT.
TOTAL FOOTAGE	FT.
TOTAL HRS. RUN	FT.
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)

2 TORQUE AT BOTTOM (DP TURNS)

3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME			
WEIGHT			
FUNNEL VIS.-SEC.			
PV/YP	/	/	/
GELS.			
W.L.-C.C.			
F.C. 1/32"			
Pm			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	BIT HOURS	DR-D RW-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
11	4 00	9 30	5½	LOGGING & LAY DOWN LOGGING TOOLS.
12	9 30	11 00	1½	NIPPLE UP FLOW LINE. & LAY DOWN MUD SAVER.
20	11 00	12 00	1	PICK UP TEST TOOLS.

RAN THE FOLLOWING LOGS: RUN No 2

DUAL INDUCTION FOCUSED LOG 8484 - 6559
ACOUSTILOG 8476 - 6400
DENSILOG 8483 - 6400
MINILOG 8484 - 7450
DIPLOG
VELOCITY SURVEY
SIDEWALL COREGUN

DRILLER: Joe Kohut

CP-38 (9/70)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE #1

LOCATION: LOT 723-200-REG II CONTE LOTBINIERE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R Magnuson

CONTRACTOR: REGENT DRILLING LTD.

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: R Murphy

RIG NO: SIX

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
8476	8489	13	1367 3/4 (1364 3/4)	122	3	8	72

DP / DC SIZE	WT / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD
3½		G	2 3/4	4½	IF
4½-5 1/4			2 1/4	4 3/4 - 5 1/4	IF

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OILWELL	560PT	8
2	EMSCO	D700	16

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7 5/8	26-29	153	6559	17.34	6559		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	3 1/2			3 1/2
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING	2			2
6	TRIPS	2 1/4	1		3 1/4
7	RIG SERVICE	1/4			1/4
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG		7	8 15	
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8 24	
	HOURS FOR SHELL ACCOUNT				
	BOILER	8	8	8 24	

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

	BIT	FT.
1	R3 10 3/4 x 6 5/8	463
1	DC 3 x 4 3/4	6.89
1	SH 10 2 x 6 3/32	4.67
1	OM 10 2 x 4 3/4	24.89
1	SH 10 2 x 6 3/32	4.54
7	DC 2 1/4 x 5 3/4	62.47
22	DC 2 1/4 x 4 3/4	680.34
15	HW 10 2 1/4 x 3 1/2	460.11
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
75	D.P. STANDS	FT.
1	D.P. SINGLES	7215.26
	KELLY DOWN	25 FT.
	TOTAL	8489 FT.
	WT. OF DC	38M LBS.
	WT. OF STRING	176M LBS.

BIT RECORD

BIT NO.	56
SIZE	6 3/4
MFG.	SEC
TYPE	M85
SERIAL NO.	122208
JETS 1/32"	16/16/16
DEPTH OUT	8569
DEPTH IN	8439
TOTAL FOOTAGE	50
TOTAL HRS. RUN	13
BIT CONDITION 1/8'S T/B/1/8" GAGE	5/4/0

HOLE CONDITION

1	HOLE DRAG (1000#)	5000
2	TORQUE AT BOTTOM (OF TURNS)	1/2
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	12	2	5
WEIGHT	13.8	13.8	13.9
FUNNEL VIS.-SEC.	74	76	76
PV/YP	/	/	/
GELS.	/	/	/
W.L.-C.C.	14.8		
F.C. 1/32"	3		
PH	11.5		
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8476	8489	3 1/2	0			30	35	2100		4 1/2	115	5 1/2		Oil

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	12 00	12 15	1/4	RIG SERV
2	12 15	3 45	3 1/2	DRILL 6 3/4" HOLE
5	3 45	5 45	2	CIRC. TO LOG.
6	5 45	8 00	2 1/4	PULL OUT OF HOLE

DRILLER: Ed Holland

DAY TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

	BIT	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	D.P. STANDS	FT.
	D.P. SINGLES	FT.
	KELLY DOWN	FT.
	TOTAL	FT.
	WT. OF DC	LBS.
	WT. OF STRING	LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B/1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000#)	
2	TORQUE AT BOTTOM (OF TURNS)	
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME			
WEIGHT			
FUNNEL VIS.-SEC.			
PV/YP	/	/	/
GELS.	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8489														

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
6	8 00	9 00	1	FINISH OUT
11	9	11 00	2	RIG UP LOGGING BOP. & LOGGING
11	11 00	4 00	5	LOGGING.

DRILLER: Paul Gray

EVENING TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

	BIT	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	D.P. STANDS	FT.
	D.P. SINGLES	FT.
	KELLY DOWN	FT.
	TOTAL	FT.
	WT. OF DC	LBS.
	WT. OF STRING	LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B/1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000#)	
2	TORQUE AT BOTTOM (OF TURNS)	
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME			
WEIGHT			
FUNNEL VIS.-SEC.			
PV/YP	/	/	/
GELS.	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8489														

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
11	4 00	12 00	8	LOGGING

DRILLER: Joe Kohut

F-38 (8/70)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE #1

LOCATION: LOT #723 - 200-REGII-CONTE LOT BINGIRE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: R. McHenry

CONTRACTOR: REGENT DRILLING LTD.

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: R. Magnan

RIG NO.: SIX

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
8439	8476	37	1364 1/2	121	3	7	72

DP./DC. SIZE	WT./FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD
3 1/2		G	2 1/4	4 1/2	IF
4 3/4-5 1/4			2 1/4	4 3/4-5 1/16	IF

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OILWELL	560PT	8
2	EMSCO	D700	16

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7 5/8	26-29	157	6559	17.34	6559		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN		8	7 1/2	9 1/2
2	DRILLING ACTUAL		8 1/4		
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING		3/4		3/4
6	TRIPS	4	2 1/4		6 1/2
7	RIG SERVICE	1/4	1/4	1/2	1
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING	1 1/2	3		4 1/2
20	HANDLE TOOLS	1 1/4			1 1/4
21	CONDITION MUD				
22	LOST CIRCULATION				
23	HANDLE CORE	1/2			1/2
24					
COMPLETION	40 PERFORATE				
	41 TUBING TRIPS				
	42 TREATING				
	43 SWABBING				
	44 TESTING				
	45				
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
CONTRACTOR	BOILER	8	8	8	24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	RR	12 1/4 x 6 3/4	3.32
1	DC	12 1/4 x 11 3/4	6.89
1	SU	12 1/4 x 6 3/4	4.67
1	DM	12 1/4 x 11 3/4	24.78
1	SU	12 1/4 x 6 3/4	4.54
2	DC	12 1/4 x 5 7/8	62.48
202	DC	12 1/4	7540.39
15	HW	12 1/4 x 3 1/2	460.11
		x	FT.
		x	FT.
	D.P.	STANDS	FT.
	D.P.	SINGLES	FT.
	KELLY DOWN		FT.
	TOTAL		FT.
	WT. OF DC	38 000	LBS.
	WT. OF STRING		LBS.

BIT RECORD

BIT NO.	56
SIZE	6 3/4
MFG.	SEC
TYPE	H87
SERIAL NO.	122269
JETS 1/32"	18/16/16
DEPTH OUT	
DEPTH IN	8439
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)
2 TORQUE AT BOTTOM (DP TURNS)
3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME			
WEIGHT			
FUNNEL VIS.-SEC.			
PV/YP			
GELS.			
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
6	12 00	4 00	4	BLOW KELLY & PULL OUT OF HOLE
7	4 00	4 15	1/4	RIG SER.
23	4 15	4 45	1/2	LAY DOWN CORE #2.
20	4 45	6 30	1 3/4	WORK ON CORE BALL & LAY DOWN SAME.
19	6 30	8 00	1 1/2	FISH FOR STRIPPER

DRILLER: Ed Hedlund

BAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	RR	12 1/4 x 6 3/4	4.63
1	DC	12 1/4 x 11 3/4	6.89
1	SU	12 1/4 x 6 3/4	4.67
1	DM	12 1/4 x 11 3/4	24.88
1	SU	12 1/4 x 6 3/4	4.54
2	DC	12 1/4 x 5 7/8	62.48
202	DC	12 1/4	7603.19
15	HW	12 1/4 x 3 1/2	460.11
		x	FT.
		x	FT.
75	D.P.	STANDS	7183.19
	D.P.	SINGLES	FT.
	KELLY DOWN		16 FT.
	TOTAL		8445 FT.
	WT. OF DC	36	LBS.
	WT. OF STRING	177	LBS.

BIT RECORD

BIT NO.	56
SIZE	6 3/4
MFG.	SEC
TYPE	H87
SERIAL NO.	122269
JETS 1/32"	18/16/16
DEPTH OUT	
DEPTH IN	8439
TOTAL FOOTAGE	6
TOTAL HRS. RUN	1 3/4
BIT CONDITION 1/8'S T/B 1/16" GAGE	DRLG

HOLE CONDITION

1 HOLE DRAG (1000#)
2 TORQUE AT BOTTOM (DP TURNS)
3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME			3
WEIGHT			14.9
FUNNEL VIS.-SEC.			87
PV/YP			3
GELS.			
W.L.-C.C.			13.7
F.C. 1/32"			
PH			12
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
19	8 00	11 30	3	FISH OUT STRIPPER REINSTALL BIT GUIDE
7	11 00	11 15	1/4	SER. RIG.
6	11 15	1 30	2 1/4	RUN IN WITH BIT #57
5	1 30	2 15	3/4	REAM 3' TO BOTTOM
2	2 15	4 00	1 3/4	DRLG.

DRILLER: Paul Gray

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	RR	12 1/4 x 6 3/4	4.63
1	DC	12 1/4 x 11 3/4	6.89
1	SU	12 1/4 x 6 3/4	4.67
1	DM	12 1/4 x 11 3/4	24.88
1	SU	12 1/4 x 6 3/4	4.54
2	DC	12 1/4 x 5 7/8	62.48
202	DC	12 1/4	7680.31
15	HW	12 1/4 x 3 1/2	460.11
		x	FT.
		x	FT.
75	D.P.	STANDS	7215.28
	D.P.	SINGLES	FT.
	KELLY DOWN		FT.
	TOTAL		8076 FT.
	WT. OF DC	38 000	LBS.
	WT. OF STRING	176 000	LBS.

BIT RECORD

BIT NO.	56
SIZE	6 3/4
MFG.	SEC
TYPE	H87
SERIAL NO.	122269
JETS 1/32"	18/16/16
DEPTH OUT	
DEPTH IN	8439
TOTAL FOOTAGE	37
TOTAL HRS. RUN	9 1/2
BIT CONDITION 1/8'S T/B 1/16" GAGE	1

HOLE CONDITION

1 HOLE DRAG (1000#)
2 TORQUE AT BOTTOM (DP TURNS)
3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME			
WEIGHT	14.4	14.9	14.9
FUNNEL VIS.-SEC.	85	76	75
PV/YP			
GELS.			
W.L.-C.C.		13.4	
F.C. 1/32"		3/32	
PH		12	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	22 500 LB		

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8445	8476	7 3/4	D	10		30	35	2200		6 1/2	115			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	4 00	4 15	1/4	RIG SER
	4 15	12 00	7 3/4	DRILL 6 3/4" HOLE

DRILLER: Joe Bolduc

CP-38 (9/70)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE #1

LOCATION: LOT 123-200-REG II - CANTE LORAINEIRE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [illegible]

CONTRACTOR: REGENT DRILLING LTD.

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: [illegible]

RIG NO.: 51R

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
8394	8439	45	1354 3/4	120	3	6	72

SP. / DC. SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT. O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3 1/2		6	2 1/16	4 1/2	IF	1	OILWELL	560PT	8
6 1/4 - 5 3/4			2 1/4	4 1/2 - 5 1/4	IC	2	EMSCO	D700	16

LAST CASING, TUBING OR LINER

SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
7 5/8	29-26	153	6559	17.34	6559		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7 1/4	2 1/4		10
3	HOLE OPENING				
4	CORING			1 1/4	4 1/4
5	TRIP, CLEAN TO BOTTOM & CIRCULATING		2		2
6	TRIPS		3 1/2	2 1/2	6
7	RIG SERVICE	1/4	1/4		1/2
8	RIG REPAIR				
9	CUT-AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS			1/2	1/2
21	CONDITION MUD				
22	LOST CIRCULATION				
23	CIRC SAMPLES			3 1/4	3 1/4
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	
	HOURS FOR SHELL ACCOUNT				
EQUIPMENT USED	BOILER	8	8	8	

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	R3	12 1/4 x 6 5/8	3.32
1	DC	12 1/4 x 4 7/8	6.89
1	SU	12 1/4 x 6 3/4	4.67
1	DM	12 1/4 x 4 7/8	24.98
1	SU	12 1/4 x 6 3/4	4.54
2	DC	12 1/4 x 4 7/8	62.49
4	DC	12 1/4 x 4 7/8	124.00
1	JH	12 1/4 x 6 5/8	6.47
18	DC	12 1/4 x 4 7/8	556.39
15	HW	12 1/4 x 3 1/2	460.11
74	D.P.	STANDS	FT.
2	D.P.	SINGLES	71 51.14
		KELLY DOWN	11 FT.
		TOTAL	8416 FT.
		WT. OF DC	38 000 LBS.
		WT. OF STRING	172 000 LBS.

BIT RECORD

BIT NO.	55
SIZE	6 3/4
MFG.	SEC
TYPE	H4J
SERIAL NO.	95000
JETS 1/32"	18/16 16
DEPTH OUT	
DEPTH IN	8392
TOTAL FOOTAGE	24
TOTAL HRS. RUN	8 1/2
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)	5000
2	TORQUE AT BOTTOM (DP TURNS)	1/2
3	FILL ON BOTTOM (FEET)	0

MUD RECORD

TIME	12	4	6.5
WEIGHT	13.8	12.9	13.8+
FUNNEL VIS. SEC	70	74	71
PV / YP	/	/	/
GELS			
W.L.-C.C.		13.8	
F.C. 1/32"		3	
PH		11.5	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
STAYFREE	50 #		
FLR 100	50 #		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8394	8416	7 3/4	D			30	35	2400		4 1/2	110	5 1/2		Comp

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

MORNING TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	12 00	12 15	1/4	RIG SER + BOP CHECK
2	12 15	7 00	7 3/4	DRLG 6 3/4" HOLE

DRILLER: Ed Holland

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	R3	12 1/4 x 6 5/8	3.32
1	DC	12 1/4 x 4 7/8	6.89
1	SU	12 1/4 x 6 3/4	4.67
1	DM	12 1/4 x 4 7/8	24.98
1	SU	12 1/4 x 6 3/4	4.54
2	DC	12 1/4 x 4 7/8	62.49
4	DC	12 1/4 x 4 7/8	124.00
1	JH	12 1/4 x 6 5/8	6.47
18	DC	12 1/4 x 4 7/8	556.39
15	HW	12 1/4 x 3 1/2	460.11
74	D.P.	STANDS	7151.11
2	D.P.	SINGLES	
		KELLY DOWN	20 FT.
		TOTAL	8425 FT.
		WT. OF DC	36 LBS.
		WT. OF STRING	172 LBS.

BIT RECORD

BIT NO.	55
SIZE	6 3/4
MFG.	SEC
TYPE	H4J
SERIAL NO.	
JETS 1/32"	18 16 16
DEPTH OUT	8425
DEPTH IN	8392
TOTAL FOOTAGE	33
TOTAL HRS. RUN	10 3/4
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)	
2	TORQUE AT BOTTOM (DP TURNS)	
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	8	10	12
WEIGHT	13.7	13.6	14.0
FUNNEL VIS. SEC	70	75	79
PV / YP	/	/	/
GELS			
W.L.-C.C.		13.9	
F.C. 1/32"		3	
PH		12	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	150 00 #		
CAUSTIC	100 LBS		
MUDSTICK LIGNOS	100 LBS		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8416	8425	2 3/4	D		QUARTZ	30	35	2000		4 1/2				

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

DAY TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	8 00	8 15	1/4	RIG SER ✓ BOPS
2	8 15	10 30	2 1/4	DRLG
5	10 30	12 30	2	CIRC SAMPLE AT 8425
6	12 30	4 00	3 1/2	BLOW KELLY P.O.H. STAND BACK MONEL + STAB

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	CB	12 1/4 x	64.33
1	XO	12 1/4 x	92
1	EG	12 1/4 x	5 98
2	PC	12 1/4 x	62.48
4	DC	12 1/4 x	
1	JH	12 1/4 x	6.47
18	DC	12 1/4 x	
15	HW	12 1/4 x	460.11
2	PJ	12 1/4 x	19.68
74	D.P.	STANDS	FT.
1	D.P.	SINGLES	711907
		KELLY DOWN	20 FT.
		TOTAL	4439 FT.
		WT. OF DC	38 000 LBS.
		WT. OF STRING	170 000 LBS.

BIT RECORD

BIT NO.	56
SIZE	6 11/16
MFG.	
TYPE	O
SERIAL NO.	K97111
JETS 1/32"	
DEPTH OUT	
DEPTH IN	8425
TOTAL FOOTAGE	14
TOTAL HRS. RUN	4
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)	5000
2	TORQUE AT BOTTOM (DP TURNS)	1
3	FILL ON BOTTOM (FEET)	NIL

MUD RECORD

TIME			
WEIGHT	Trip	14.1	14.1
FUNNEL VIS. SEC		54	54
PV / YP	/	/	/
GELS			
W.L.-C.C.		17.4	
F.C. 1/32"		2/2	
PH		12	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8425	8439	4	C	2	8425-8439 - REC. 14.0'	18	70	2550		4 1/2	100			

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

EVENING TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
20	4 00	4 30	1/2	PICK UP CORE BBL.
6	4 30	7 00	2 1/2	RUN IN W/ CORE BBL.
23	7 00	7 45	3/4	CIRC.
4	7 45	9 00	1/4	PICK UP 2 PUMP JOINTS + DROP BALL.
4	9 00	12 00	4	CUT CORE # 2

DRILLER: Joe Robert

DAILY DRILLING REPORT

(P-38 (8/70))

WELL NAME: SHELL STE FRANCOISE ROMAINE #1

LOCATION: LOT 723-200-ARG 11- CONTY LOTBINIERE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

CONTRACTOR:

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE:

RIG NO.: SIX

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
8371	8394	23	1340½ (1325¾)	119	3	5	72

DP / DC. SIZE	WT. / FT.	GRADE
3½		G
4¾-5¾		

MIN. I.D.	TOOL JT O.D.	TYPE THREAD
2¼	4½	IF
2¼	4¾-5⅛	IF

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OILWELL	5160PT	8
2	EMSCO	D700	14

LAST CASING TUBING OR LINER

SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
7⅝	29.7 G	153	6559	17.34	6559		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7¾	16¼	7¾	23¾
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING		1	1	
6	TRIPS		1½	5¼	6¾
7	RIG SERVICE	¼	¼	¾	
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE			¾	¾
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	19	8	24
	HOURS FOR SHELL ACCOUNT				
CONTRACTOR	BOILER	8	4	4	24

Shipped centrifuge to Calgary

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

DRILLING ASSEMBLY — AT END OF TOUR

NO.	CODE	BIT	FT.
1	SW	12¼ x 6 3/32	3.32
1	OC	12 x 4 3/4	6.89
1	SW	12 x 6 3/32	4.67
1	DM	12 x 4 3/4	24.88
1	SW	12 x 6 3/32	4.54
2	OC	12 x 4 3/4	62.48
4	OC	12 x 4 3/4	124.00
1	TH	12 x 4 3/4	6.47
18	OC	12 x 4 3/4	556.39
15	HW	12 x 3 3/4	460.11
7¼	D.P.	STANDS	FT.
1	D.P.	SINGLES	711.90
	KELLY DOWN		11.32
	TOTAL		8345
	WT. OF DC		38 000 LBS.
	WT. OF STRING		160 000 LBS.

BIT RECORD

BIT NO.	54
SIZE	6 7/16
MFG.	
TYPE	◇
SERIAL NO.	PJ 084
JETS 1/32"	
DEPTH OUT	
DEPTH IN	8362
TOTAL FOOTAGE	~~8345~~ 23
TOTAL HRS. RUN	12¾
BIT CONDITION 1/8'S T/B/1/16" GAGE	DRLG

HOLE CONDITION

1	HOLE DRAG (1000 #)	5000
2	TORQUE AT BOTTOM (DP TURNS)	1½
3	FILL ON BOTTOM (FEET)	0

MUD RECORD

TIME	12 AM	2	6
WEIGHT	13.6	13.6	13.8
FUNNEL VIS.-SEC.	85	85	70
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.		12.0	
F.C. 1/32"		3	
PH		11.5	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	7000 #		
PEL-TEX	50 #		

FOOTAGE — MORNING TOUR

FROM	TO	BIT HOURS	DR-D DW-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8371	8385	7¾	D			12/15	60	2100		4½	92	5½		Comp

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS — MORNING TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	12 00	12 15	¼	RIG SER
2	12 15	12	7¾	DRILLED 6¾" HOLE

DRILLER: Ed Holland

DRILLING ASSEMBLY — AT END OF TOUR

NO.	CODE	BIT	FT.
1	SW	12¼ x 6 3/32	3.32
1	OC	12 x 4 3/4	6.89
1	SW	12 x 6 3/32	4.67
1	DM	12 x 4 3/4	24.88
1	SW	12 x 6 3/32	4.54
2	OC	12 x 4 3/4	62.48
4	OC	12 x 4 3/4	124.00
1	TH	12 x 4 3/4	6.47
18	OC	12 x 4 3/4	556.39
K	HW	12 x 3 3/4	460.11
7¼	D.P.	STANDS	FT.
K	D.P.	SINGLES	711.90
	KELLY DOWN		19
	TOTAL		8392
	WT. OF DC		38 LBS.
	WT. OF STRING		160 LBS.

BIT RECORD

BIT NO.	54
SIZE	6 7/16
MFG.	WORKMAN'S
TYPE	WR-20
SERIAL NO.	R20M
JETS 1/32"	
DEPTH OUT	8372
DEPTH IN	8362
TOTAL FOOTAGE	30
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B/1/16" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)	
2	TORQUE AT BOTTOM (DP TURNS)	
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	8 00	10	2
WEIGHT	13.7	13.7	13.9
FUNNEL VIS.-SEC.	72	72	72
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.		15	
F.C. 1/32"		3	
PH		12	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	6000		

FOOTAGE — DAY TOUR

FROM	TO	BIT HOURS	DR-D DW-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8385	8372	6¾				15	60	~2400		4½	96			

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS — DAY TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	8 00	8 15	¼	RIG SER ✓ BOPS
2	8 15	2 30	6¼	DRLG
6	2 30	4 00		POH. DOUBLE STRAP

DOUBLE STRAP 8394.36
BOARD TALLY 8392.73
DIFF 1.63
NO CORRECTION

DRILLER: Paul Gray

DRILLING ASSEMBLY — AT END OF TOUR

NO.	CODE	BIT	FT.
1	RR	12 x 6 3/32	4.63
1	OC	12 x 4 3/4	6.89
1	SW	12 x 6 3/32	4.67
1	DM	12 x 4 3/4	24.88
1	SW	12 x 6 3/32	4.54
2	OC	12 x 4 3/4	62.48
4	OC	12 x 4 3/4	124.00
1	JH	12 x 4 3/4	6.47
18	OC	12 x 4 3/4	556.39
15	HW	12 x 3 3/4	460.11
7¼	D.P.	STANDS	FT.
1	D.P.	SINGLES	711.90
	KELLY DOWN		20
	TOTAL		8394
	WT. OF DC		38 000 LBS.
	WT. OF STRING		170 000 LBS.

BIT RECORD

BIT NO.	55
SIZE	6¾
MFG.	SEC
TYPE	H9J
SERIAL NO.	350000
JETS 1/32"	18 18 16
DEPTH OUT	
DEPTH IN	8392
TOTAL FOOTAGE	2
TOTAL HRS. RUN	3¼
BIT CONDITION 1/8'S T/B/1/16" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)	3000
2	TORQUE AT BOTTOM (DP TURNS)	1½
3	FILL ON BOTTOM (FEET)	NIL

MUD RECORD

TIME			
WEIGHT			
FUNNEL VIS.-SEC.			
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE — EVENING TOUR

FROM	TO	BIT HOURS	DR-D DW-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8392	8394	3¼		17		35	75	2200		4½				

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS — EVENING TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	4 00	6 30	2½	PULL OUT H (DOUBLE STRAP) OUT.
	6 30	6 45	¼	RIG SER + BOPS.
	6 45	8 30	1¾	RUN IN W/ BIT #55
	8 30	9 15	¾	SLIP + CUT LINE
	9 15	10 15	1	RUN IN
	10 15	11 15	1	REAM TO BOTTOM.
	11 15	12 00	¾	DRILL 6¾" HOLE

DRILLER: Joe Robert

CP-30 (9/70)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE #1

LOCATION: LOT 723-200-ACG11 - CONTE LOTBINIERE | PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited | CONTRACTOR: REGENT DRILLING LTD. | RIG NO.: SIX

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature] | SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: [signature]

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
8337	8371	34	1325 3/4 (1310 3/4)	118	3	4	72

DP./DC. SIZE	WT./FT.	GRADE	MIN. I.D.	TOOL JT. O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3 1/2		G	2 1/4	4 1/2	I F	1	OILWELL	560PT	8
4 3/4-5 1/2			2 1/2	4 3/4	I F	2	EMSCO	D700	16

LAST CASING / TUBING OR LINER

SIZE	WT. AND GR.	NO. OF JOINTS	FEET	RK. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
7 5/8	29-26	153	6559	17.34	6589		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7 3/4	7 1/4	5	15
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN OUT BOTTOM & CIRCULATING			2 1/2	2 1/2
6	TRIPS		5 1/2	1/2	6
7	RIG SERVICE	1/4	1/4		1/2
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	8	8	8	24
CODE NOTE PARAGRAPH	BOILER	Cerkinjye	Stahly		24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	TS	I.D. 2 x 6 13/16 O.D.	2.95
1	R3	I.D. 2 1/2 x 6 9/16	4.63
1	DC	I.D. 2 x 4 3/4	6.48
1	SU	I.D. 2 x 6 23/32	4.67
1	DM	I.D. 2 1/2 x 6 3/4	24.88
1	SU	I.D. 2 x 6 23/32	4.54
2	DC	I.D. 2 1/4 x 5 3/4	62.48
22	DC	I.D. 2 1/4 x 4 3/4 x 3 1/2	680.39
15	HW	I.D. 2 1/4 x 3 1/2	460.11
		I.D. x O.D.	FT.
74	D.P.	STANDS	7086.61
	D.P.	SINGLES	FT.
		KELLY DOWN	17.93 FT.
		TOTAL	8356 FT.
		WT. OF DC	38 000 LBS.
		WT. OF STRING	159 000 LBS.

BIT RECORD

	53
BIT NO.	
SIZE	6 3/4
MFG.	SMITH
TYPE	537
SERIAL NO.	HH918
JETS 1/32"	18/14/14
DEPTH OUT	
DEPTH IN	8326
TOTAL FOOTAGE	8356
TOTAL HRS. RUN	13 3/4
BIT CONDITION 1/8'S T/B/1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000#)	500
2	TORQUE AT BOTTOM (DP TURNS)	1 1/2
3	FILL ON BOTTOM (FEET)	0

MUD RECORD

	12 00 AM	2 AM	6 AM
TIME			
WEIGHT	13.7	13.5	13.8
FUNNEL VIS. SEC.	85	80	82
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.		14.2	
F.C. 1/32"		3	
PH		11.6	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
PELTEX	100	STAFLO	50
POLYMER	100	FLA 100	50
POTASH	1500	CAUSTIC	100
BARITE	7000	METASEAL 200	100

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8337	8356	7 3/4	D			28	35	2200		6 1/2 x 8	115	5 1/2 x 14		Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

MORNING TOUR

CODE	TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	12 00	12 15	1/4	RIG SER + BOP CHECK
2	12 00	8 00	7 3/4	DRILL 6 3/4" HOLE

DRILLER: Ed Holland

DAY TOUR

BIT RECORD

	53	54
BIT NO.		
SIZE	6 3/4	6 1/16
MFG.	SMITH	
TYPE	537	
SERIAL NO.	HH918	P2089
JETS 1/32"	18/14/14	
DEPTH OUT	8326	
DEPTH IN	8326	8362
TOTAL FOOTAGE	36	
TOTAL HRS. RUN	13 1/2	
BIT CONDITION 1/8'S T/B/1/8" GAGE	4/2/1	

MUD RECORD

	8 00	10
TIME		
WEIGHT	13.9	13.9
FUNNEL VIS. SEC.	98	97
PV/YP	/	/
GELS	/	/
W.L.-C.C.	14.6	
F.C. 1/32"	3/32	
PH	12.0	
% OIL		
% SAND		

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
~~POLYMER 100~~		STA	
~~POTASH 1500~~		PELTEX	2 SKS
~~BARITE 7000~~		CAUSTIC	2 SKS

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8356	8362	2 1/4	D			28	35	2300		6 1/2				Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DAY TOUR

CODE	TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	8 00	8 15	1/4	RIG SER. / BOPS
2	8 15	10 30	2 1/4	DRILL
6	10 30	1 45	3 1/4	P.O.H., LAY DOWN NEAR BIT REAMER + JUNK SUB
6	1 45	2 00	1/4	PICK UP JARS + NEAR BIT STAB
6	2 00	4 00	2	RUN IN WITH DIAMOND BIT NO 1

DRILLER: Ed Gay

EVENING TOUR

BIT RECORD

	54
BIT NO.	
SIZE	6 1/16
MFG.	
TYPE	◇
SERIAL NO.	P2089
JETS 1/32"	
DEPTH OUT	
DEPTH IN	8362
TOTAL FOOTAGE	8371
TOTAL HRS. RUN	5
BIT CONDITION 1/8'S T/B/1/8" GAGE	

MUD RECORD

	8 PM	10 PM
TIME		
WEIGHT	13.6	13.7
FUNNEL VIS. SEC.	83	83
PV/YP	/	/
GELS	/	/
W.L.-C.C.	12	
F.C. 1/32"	3	
PH	11.5	
% OIL		
% SAND		

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8362	8373	5	D			10/14	60	2100		4 1/2	92	5 1/2		Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

EVENING TOUR

CODE	TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
6	4 00	4 30	1/2	FINISH IN
5	4 30	7 00	2 1/2	REAM 2L' TO BOTTOM
2	7 00	12 00	5	DRL 6 3/4" HOLE

DRILLER: Ed Holland

CP-38 (8/79)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAIMIE #1

LOCATION: LOT 723-200-REG II - CANTE LOTBINIERE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

CONTRACTOR: REGENT DRILLING LTD.

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: [signature]

RIG NO.: 6

DEPTH AT START OF WORKING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE: MONTH	DAY	YEAR
8316	8337	21	1310¾	117	3	3	72

DP. / DC. SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT. O.D.	TYPE THREAD
3½			2¼	4½	IF
4½			2½	4¾	IF

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OILWELL	560P	8"
2	EMSCO	D700	16"

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	(CEMENT USED | SACKS)	REMARKS
	7⅝	39/36	153	6559	17.34	6559		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	12½	3	8½	10
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAR TO BOTTOM & CIRCULATING	¾		½	11¼
6	TRIPS	6½	4½	1¼	11¾
7	RIG SERVICE	¼		¼	¾
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.	1¼		¼	
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	9	8	8	24
	HOURS FOR SHELL ACCOUNT				
	BOILER	9	8	9	24

CHARGEABLE TO SHELL ACCOUNT

Centrifuge Stelly 2, m Lbs

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY — AT END OF TOUR

NO.	CODE	BIT	FT.
1	HS	12¼ x 5/8	2.95 FT
1	R3	12¼ x 6/8	463 FT
1	DC	12¼ x 2 1/4	689 FT
1	S4	12¼ x 2 1/4	467 FT
1	DM	12¼ x 2 1/4	2458 FT
1	S4	12¼ x 2 1/4	454 FT
20	DC	9½ x 2¼	624.8 FT
22	DC	9½ x 2¼	690.39 FT
16	HW	9½ x 3 I.D. x 3 O.D.	460.11 FT
73	D.P.	STANDS	FT
2	D.P.	SINGLES	70.49 FT
	KELLY DOWN		11 FT
	TOTAL		8318 FT
	WT. OF DC		38000 LBS.
	WT. OF STRING		161000 LBS.

BIT RECORD

BIT NO.	51	52
SIZE	12¼	12¼
MFG.	SMITH	SMITH
TYPE	537	537
SERIAL NO.	GN631	HS627
JETS 1/32"	3-15	3-15
DEPTH OUT	8317	
DEPTH IN	8254	8317
TOTAL FOOTAGE	63	1
TOTAL HRS. RUN	25¾	1
BIT CONDITION 1/8'S T/B | 1/8" GAGE		

HOLE CONDITION

1	HOLE DRAG (1000 #)	1000 #
2	TORQUE AT BOTTOM (OF TURNS)	1
3	FILL ON BOTTOM (FEET)	NIL

MUD RECORD

TIME				
WEIGHT				
FUNNEL VIS.-SEC.				
PV / YP	/	/	/	/
GELS.				
W.L.-C.C.				
F.C. 1/32"				
PH				
% OIL				
% SAND				

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8316	8318	1				25	75	2200		6½	115			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
7	12 00	12 15	¼	RIG SER
2	12 15	12 45	½	DRILL 6¾" HOLE
6	12 45	6 15	5½	BLOW KELLY + PULL OUT + CHANGE BITS + RUN IN W/BIT #2
5	6 15	7 00	¾	REAM TO BOTTOM
2	7 00	8 00	1	DRILL 6¾" HOLE

DRILLER: [signature]

BIT RECORD

BIT NO.	52	53
SIZE	6¾	6¾
MFG.	SMITH	SMITH
TYPE	537	537
SERIAL NO.	H5627	HA918
JETS 1/32"	3-15	13/14/14
DEPTH OUT	8326	
DEPTH IN	8317	
TOTAL FOOTAGE	9	
TOTAL HRS. RUN	4	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	1 | 0 | 0	

HOLE CONDITION

1	HOLE DRAG (1000 #)	7000
2	TORQUE AT BOTTOM (OF TURNS)	1
3	FILL ON BOTTOM (FEET)	0

MUD RECORD

TIME	8AM	6AM		
WEIGHT	13.7	13.9		
FUNNEL VIS.-SEC.	85	85		
PV / YP	/	/	/	/
GELS.				
W.L.-C.C.				
F.C. 1/32"				
PH				
% OIL				
% SAND				

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	2000 #		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8318	8326	3	10			30	35	2300		6½x8	96	5¾x8		Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
2	8 00	11 00	3	DRILL 6¾" HOLE
7	11 00	11 15	¼	RIG SER.
6	11 15	2 45	3½	BLOW KELLY & PULL OUT OF HOLE
15	2 45	3 00	¼	CHECK BLIND RAMS.
6	3 00	4 00	1	RUN IN HOLE.

DRILLER: Ed Holland

EVENING TOUR

DRILLING ASSEMBLY — AT END OF TOUR

NO.	CODE	BIT	FT.
1	HS	12¼ x 5/8	2.95 FT
1	R3	12¼ x 6/8	4.63 FT
1	DC	12¼ x 2 1/4	6.89 FT
1	S4	12¼ x 2 1/4	4.67 FT
1	DM	12¼ x 2 1/4	24.58 FT
1	S4	12¼ x 2 1/4	4.54 FT
2	DC	9½ x 2¼	62.48 FT
22	DC	9½ x 2¼	690.39 FT
15	HW	9½ x 3 I.D. x 3 O.D.	460.1 FT
73	D.P.	STANDS	FT
2	D.P.	SINGLES	70.54 FT
	KELLY DOWN		30 FT
	TOTAL		8337 FT
	WT. OF DC		56 LBS.
	WT. OF STRING		159 LBS.

BIT RECORD

BIT NO.	53	
SIZE	6¾	
MFG.	SMITH	
TYPE	537	
SERIAL NO.	HA918	
JETS 1/32"	13/14/14	
DEPTH OUT		
DEPTH IN	8326	
TOTAL FOOTAGE	11	
TOTAL HRS. RUN	5½	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	1 | 1 | E	

HOLE CONDITION

1	HOLE DRAG (1000 #)	3000
2	TORQUE AT BOTTOM (OF TURNS)	½
3	FILL ON BOTTOM (FEET)	NIL

MUD RECORD

TIME	7	9	11	
WEIGHT	13.9	13.9	13.9	
FUNNEL VIS.-SEC.	85	85	85	
PV / YP	/	/	/	/
GELS.				
W.L.-C.C.	13.6			
F.C. 1/32"	3			
PH	12.			
% OIL				
% SAND				

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
WATER	360 BBLS.	3 BBLS	

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8326	8337	5½			QUARTZ	25	35	2200		6½	115			Comp.

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
7	4 00	4 15	¼	SER RIG ✓ BOPS
6	4 15	6 00	1 3/4	RUN IN
5	6 00	6 30	½	REAM 10' TO BOTTOM
2	6 30	12 00	5½	DRLG

DRILLER: Earl Gray

DAILY DRILLING REPORT

CP-38 (9/70)

WELL NAME: SHELL STE FRANCOISE ROMAINVILLE #1

LOCATION: LOT 723-200 RANG II-CONTR LOT NIVERVILLE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: D. Mc Finch

CONTRACTOR: BERGERON DRILLING LTD

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. N. Bergeron

RIG NO: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
8259	8316	57	1277½	116	3	2	72

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3½			2¼	4½	IF	1	OILWELL	5 1/2 DP	8
4½			2¼	4½	IF	2	EMSCO	D700	16

LAST CASING TUBING OR LINER: SIZE 7⅝ | WT. AND GR. 39/20 | NO. OF JOINTS 153 | FEET 6559 | KB. TO CSG. HEAD 17.35 | SET AT 6559 | CEMENT USED (SACKS) | REMARKS

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN	DAY	EVE	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7½	7¼	7¼	23¼
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS				
7	RIG SERVICE	½	¼	¼	1
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
	BOILER	8	8	8	24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	JS	2 x 15	295
1	R3	2 x 13	463
1	DC	2 x 11	6.89
1	SU	2 x 11	467
1	DM	2 x 11	2488
1	SU	2 x 11	454
2	DC	2¼ x 6¼	62.48
22	DC	6¼ x 2¼	680.39
15	HW	3½ x 2¼	460.11
		X	
77	D.P.	STANDS	6990.83
	S.P.	SINGLES	
	KELLY DOWN		33.
	TOTAL		8276
	WT. OF DC		38 0 LBS.
	WT. OF STRING		158 0 LBS.

BIT RECORD

BIT NO.	51
SIZE	6¾
MFG.	SMITH
TYPE	SS7
SERIAL NO.	GN497
JETS 1/32"	15 15 15
DEPTH OUT	0
DEPTH IN	8259
TOTAL FOOTAGE	22
TOTAL HRS. RUN	9¾
BIT CONDITION 1/8'S T/B | 1/8" GAGE	MILL

HOLE CONDITION

1	HOLE DRAG (1000#)	1000#
2	TORQUE AT BOTTOM (DP TURNS)	½
3	FILL ON BOTTOM (FEET)	NIL

MUD RECORD

TIME			
WEIGHT	13.9	13.9	13.9
FUNNEL VIS.-SEC.	75	68	66
PV/YP	/	/	/
GELS.	/	/	/
W.L.-C.C.		13.2	
F.C. 1/32"		3/32	
PH		12.0	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8259	8276					35	35	2200		4½		5½		

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	12 00	12 15	¼	RIG SER
2	12 15	8 00	7¾	DRLG

DRILLER: Joe Robert

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	JS	2 x 15	295
1	R3	2 x 13	463
1	DC	2 x 11	6.89
1	SU	2 x 11	467
1	DM	2 x 11	2488
1	SU	2 x 11	454
2	DC	2¼ x 6¼	62.48
22	DC	6¼ x 2¼	680.39
15	HW	3½ x 2¼	460.11
		X	
73	D.P.	STANDS	7022.93
X	D.P.	SINGLES	
	KELLY DOWN		21
	TOTAL		8296
	WT. OF DC		39
	WT. OF STRING		154

BIT RECORD

BIT NO.	57
SIZE	6¾
MFG.	SMITH
TYPE	SS7
SERIAL NO.	GN633
JETS 1/32"	15 15 15
DEPTH OUT	
DEPTH IN	8259
TOTAL FOOTAGE	37
TOTAL HRS. RUN	17½
BIT CONDITION 1/8'S T/B | 1/8" GAGE	DRLG

HOLE CONDITION

1	HOLE DRAG (1000#)	
2	TORQUE AT BOTTOM (DP TURNS)	
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	6	11	3
WEIGHT	13.9	13.9	13.9
FUNNEL VIS.-SEC.	69	66	64
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.		12.3	
F.C. 1/32"		3	
PH		12	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8276	8296	17½				35	35	2200				5½	37	

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	8 00	8 45	¼	SER RIG
2	8 45			DRLG.

DAYLIGHT CREW WAS TRYING TO GET INTO THE RIG FROM 6:30 AM UNTIL 3:00 PM NEVER MADE IT DUE TO PLUGGED UP ROADS (SNOW STORM)

DRILLER: Joe Robert

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	JS	2 x 15	295
1	R3	2 x 13	463
1	DC	2 x 11	6.89
1	SU	2 x 11	467
1	DM	2 x 11	2488
1	SU	2 x 11	454
2	DC	2¼ x 6¼	62.48
22	DC	6¼ x 2¼	680.39
15	HW	3½ x 2¼	460.11
		X	
73	D.P.	STANDS	7022.93
X	D.P.	SINGLES	
	KELLY DOWN		41
	TOTAL		8316
	WT. OF DC		39
	WT. OF STRING		154

BIT RECORD

BIT NO.	57
SIZE	6¾
MFG.	SMITH
TYPE	SS7
SERIAL NO.	GN633
JETS 1/32"	15 15 15
DEPTH OUT	
DEPTH IN	8259
TOTAL FOOTAGE	57
TOTAL HRS. RUN	25¼
BIT CONDITION 1/8'S T/B | 1/8" GAGE	DRLG

HOLE CONDITION

1	HOLE DRAG (1000#)	
2	TORQUE AT BOTTOM (DP TURNS)	
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	4	7	11
WEIGHT	13.7	13.9	13.9
FUNNEL VIS.-SEC.	68	65	62
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.		14	
F.C. 1/32"		1	
PH		12	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Pre mix	10 BBLS		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8296		17½			QUARTZ + SANDSTONE	30	35	2200				5½	37	

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	4 00	4 15	¼	RIG SER ✓ BOPS
2	4 15	12 00	7¾	DRLG

DRILLER: Pat Dunn

DAILY DRILLING REPORT

CP-38 (8/70)

WELL NAME: SHELL STE FRANCOISE ROMAINVILLE #1

LOCATION: LOT 727-200-RIEG-11-CONTR. LOTAINEVILLE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mc Smith

CONTRACTOR: REGENT DRILLING LTD.

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Hebden

RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
8245	8259	14	1277 1/2	115	3	1	72

DP./DC. SIZE	WT./FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD
3 1/2			2 1/2	4 1/2	EI
4 1/2			3 1/4	5 3/4	IF

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OILWELL	560P	8"
2	EMSCO	D700	16

LAST CASING, TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	13 3/8	54.5/26	153	6559	17.34	6559		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	1	3 3/4	2 1/2	7 1/4
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING	1 3/4	1/4		2 1/4
6	TRIPS	5 1/4	3 1/2	5	13 3/4
7	RIG SERVICE		1/4	1/2	1/4
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	4	24
	HOURS FOR SHELL ACCOUNT				
CONTRACTOR CODE	BOILER	8	8	8	24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			AT END OF TOUR
		BIT		FT.
1	JS	I.D.	O.D.	295'
1	R3	12	17 3/4	4.63'
1	DC	12	17 3/4	6.99'
1	SH	12	17 3/4	4.67'
1	DM	12	17 3/4	24.88'
1	SH	12	17 3/4	4.54'
2	DC	12	17 3/4	62.48'
22	DC	12	17 3/4	680.39'
15	HW	3 1/2	3 1/2	460.19'
		I.D. X	O.D.	FT.
		I.D. X	O.D.	FT.
72	D.P.	STANDS		FT.
2	D.P.	SINGLES		6954.88'
		KELLY DOWN		35.67'
		TOTAL		8247' FT.
WT. OF DC				380,000 LBS.
WT. OF STRING				160,000 LBS.

BIT RECORD

BIT NO.	49
SIZE	6 3/4
MFG.	SEC
TYPE	H-57
SERIAL NO.	132909
JETS 1/32"	16 16 14
DEPTH OUT	8247
DEPTH IN	8245
TOTAL FOOTAGE	2
TOTAL HRS. RUN	1
BIT CONDITION 1/8'S T/B | 1/8" GAGE	1 1 | 0

HOLE CONDITION

1	HOLE DRAG (1000#)	100
2	TORQUE AT BOTTOM (OR TURNS)	1
3	FILL ON BOTTOM (FEET)	NIL

MUD RECORD

TIME			
WEIGHT			17.7
FUNNEL VIS.-SEC.			75
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			17.6
F.C. 1/32"			2/32
PH			12.
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8245	8247	1				35	35	2200		6 1/2	115			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
6	12 00	1 00	1	PULL OUT
6	1 00	3 15	2 1/4	CLEAN MAGNET + JUNK SUB + RUN IN W/ JUNK SUB + BIT.
5	3 15	5 00	1 3/4	REAM TO BOTTOM + WORK JUNK SUB
2	5 00	6 00	1	DRILL 6 3/4 HOLE
6	6 00	8 00	2	BLOW KELLY + PULL OUT

DRILLER: Joe Kohut

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			AT END OF TOUR
		BIT		FT.
1	JS	I.D.	3 5/8	2.95'
1	R3	12	6 3/4	4.63'
1	DC	12	6 3/4	6.89'
1	SH	12	6 3/4	4.69'
1	DM	12	6 3/4	24.88'
1	SH	12	6 3/4	4.54'
2	DC	12	6 3/4	62.48'
22	DC	12	6 3/4	680.39'
15	HW	3 1/2	3 1/2	460.19'
		I.D. X	O.D.	FT.
		I.D. X	O.D.	FT.
72	D.P.	STANDS		FT.
2	D.P.	SINGLES		6954.88'
		KELLY DOWN		42' FT.
		TOTAL		8254' FT.
WT. OF DC				380,000 LBS.
WT. OF STRING				158,000 LBS.

BIT RECORD

BIT NO.	50
SIZE	6 3/4
MFG.	SEC
TYPE	H-87
SERIAL NO.	252983
JETS 1/32"	14 14 16
DEPTH OUT	
DEPTH IN	8247
TOTAL FOOTAGE	
TOTAL HRS. RUN	3 3/4
BIT CONDITION 1/8'S T/B | 1/8" GAGE	1 | 0 1

HOLE CONDITION

1	HOLE DRAG (1000#)	2000
2	TORQUE AT BOTTOM (OR TURNS)	1/2
3	FILL ON BOTTOM (FEET)	5

MUD RECORD

TIME	1PM	2PM	
WEIGHT	13.9	13.8	
FUNNEL VIS.-SEC.	85	70	
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.		13.8	
F.C. 1/32"		3	
PH		11.5	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
PELTEX-58			

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8247	8254	3 3/4	0			25M	35	2000		6 1/2 x 8	115	6 1/2 x 14		P

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
6	8 00	8 45	3/4	PULL OUT OF HOLE
7	8 45	9 00	1/4	RIG SER + BOP CHECK.
6	9 00	11 45	2 3/4	RUN IN BIT #50
5	11 45	12 15	1/2	REAM TO BTM.
2	12 15	4 00	3 3/4	DRILL 6 3/4" HOLE

DRILLER: Ed Holland

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			AT END OF TOUR
		BIT		FT.
1	JS	I.D.	3 5/8	2.95'
1	R3	12	6 3/4	4.63'
1	DC	12	6 3/4	6.89'
1	SH	12	6 3/4	4.69'
1	DM	12	6 3/4	24.88'
1	SH	12	6 3/4	4.54'
2	DC	12	6 3/4	62.48'
22	DC	12	6 3/4	680.39'
K	HW	3 1/2	3 1/2	460.19'
		I.D. X	O.D.	FT.
3	D.P.	STANDS		FT.
	D.P.	SINGLES		6988.55'
		KELLY DOWN		16' FT.
		TOTAL		8259.19' FT.
WT. OF DC				380,000 LBS.
WT. OF STRING				154,000 LBS.

BIT RECORD

BIT NO.	50	51
SIZE	6 3/4	6 3/4
MFG.	SEC	SMITH
TYPE	H-87	S-7
SERIAL NO.	252983	25 YG BG G 4 WT
JETS 1/32"	14 14 16	15 15 15
DEPTH OUT	8254	
DEPTH IN	8247	8254
TOTAL FOOTAGE	7	5
TOTAL HRS. RUN	4 3/4	2
BIT CONDITION 1/8'S T/B | 1/8" GAGE	1 0 1 | 0	BT OUT

HOLE CONDITION

1	HOLE DRAG (1000#)	
2	TORQUE AT BOTTOM (OR TURNS)	
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME			D
WEIGHT			13.9
FUNNEL VIS.-SEC.			71
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			13.9
F.C. 1/32"			3/32
PH			12
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8254	8259	2	0		QUARTZ	30	35	2200				6 1/2	36	Conv

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
2	400	430	1/2	DRLG
7	430	5 00	1/2	RIG SER BLOW KELLY
6	5 00	7 45	2 3/4	P.O.H.
6	7 45	8 15	1/2	CHANGE BIT CLEAN OUT JUNK BASKET
6	8 15	10 00	1 3/4	R.I.H.
2	10	12 00	2	DRLG.

DRILLER: Ed Sy

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAIME #1

LOCATION: LOT 723-200 REG-11-CONTIS LOTBINIERE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R MacHardie

CONTRACTOR: ARGENT DRILLING LTD.

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J Gibbons

RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
8236	8245	9	1270 1/4 (1265 1/4)	1 14	2	29	72

	OP. / DC. SIZE	WT. / FT.	GRADE	MFR. I.D.	TOOL JT O.D.	TYPE THREAD
	3 1/2			2 1/4	4 1/2	IF
	4 3/4			2 1/4	4 3/4	IF

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OILWELL	560P	8"
2	EMSCO	D700	16"

LAST CASING, TUBING OR LINER

SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
7 5/8	29.7/26	153	6559	17.34	6559		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	5			5
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING	1/2			1/2
6	TRIPS	2 3/4	4 3/4	7	14
7	RIG SERVICE	1/2	1/4	1/4	3/4
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE		1/2		1/2
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING		2 1/2	3/4	3 1/4
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	4	24
	HOURS FOR SHELL ACCOUNT				
ROTATING EQUIPMENT	BOILER	4	8	4	24

Contractor: Gary Jaye — Shelly

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY NO. 1 AT END OF TOUR

	BIT	FT.
1	12 1/4 x 3/4	463 FT
1	DC 9 1/2 x 2 3/4	6.49 FT
1	54 12 1/4 x 2 3/4	4.67 FT
1	DM 12 1/4 x 2 3/4	24.89 FT
1	542 12 1/4 x 2 3/4	4.54 FT
2	DC 9 1/2 x 5 3/4	62.48 FT
22	DC 9 1/2 x 2 3/4	680.39 FT
15	HW 9 1/2 x 3 3/4	460.11 FT
	x	FT
	x	FT
72	D.P. STANDS	FT
2	D.P. SINGLES	69.59.88 FT
	KELLY DOWN	36. FT
	TOTAL	8245 FT
	WT. OF DC	39 000 LBS
	WT. OF STRING	160 000 LBS

BIT RECORD

BIT NO.	48
SIZE	12 1/4
MFG.	RTC
TYPE	4103
SERIAL NO.	JN 2791
JETS 1/32"	16 16 14
DEPTH OUT	8245
DEPTH IN	8236
TOTAL FOOTAGE	9
TOTAL HRS. RUN	5
BIT CONDITION 1/8'S T/8 1/16" GAGE	B 9 2

HOLE CONDITION

1	HOLE DRAG (1000#)	1000 #
2	TORQUE AT BOTTOM (OF TURNS)	2
3	FILL ON BOTTOM (FEET)	NIL

MUD RECORD

TIME				
WEIGHT	13.5	13.8	13.8	
FUNNEL VIS.-SEC.		70	80	
PV / YP	/	/	/	
GELS	/	/	/	
W.L.-C.C.		13.2		
F.C. 1/32"		2/32		
PH		12.0		
% OIL				
% SAND				

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	BIT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8236	8245	5				35	75	2200		4 1/2	115			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
7	1200	1215	1/4	RIG SER
6	1215	1330	1 1/4	RUN IN HOLE W/ BIT #48
5	1330	2000	1/2	REAM TO BOTTOM NO FILL
2	2000	7000	5	DRILL 6 3/4" HOLE
7	7000	8000	1	BLOW KELLY + PULL OUT

DRILLER: T Kobat

DAY TOUR

DRILLING ASSEMBLY NO. 1 AT END OF TOUR

	BIT	FT.
1	MAGNET	2.65 FT
1	XO	.55 FT
1	DS	2.95 FT
1	43 12 1/4 x 6 5/8	4.63 FT
1	DC 9 1/2 x 4 3/4	6.89 FT
1	SU 12 1/4 x 6 3/4	4.67 FT
1	DM 12 1/4 x 2 3/4	24.89 FT
1	54 12 1/4 x 6 3/4	4.54 FT
2	DC 9 1/2 x 5 3/4	62.48 FT
22	DC 9 1/2 x 2 3/4	680.39 FT
15	HW 9 1/2 x 3 1/2	460.11 FT
72	D.P. STANDS	FT
2	D.P. SINGLES	69.59.88 FT
	KELLY DOWN	30.37 FT
	TOTAL	8245. FT
	WT. OF DC	38M LBS.
	WT. OF STRING	160M LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/8 1/16" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000#)	
2	TORQUE AT BOTTOM (OF TURNS)	
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	2			
WEIGHT	13.8			
FUNNEL VIS.-SEC.	80			
PV / YP	/	/	/	
GELS	/	/	/	
W.L.-C.C.				
F.C. 1/32"				
PH				
% OIL				
% SAND				

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	2000#		

FOOTAGE

FROM	TO	BIT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8245										6 1/2 x 8		5 1/2 x 16		Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
6	800	1000	2	PULLOUT OF HOLE
7	1000	1015	1/4	RIG SER. + BOP CHECK
6	1015			PICK UP MAGNET + JUNK SUB + RUN IN HOLE
		1215	2	TO 5500
9	1215	1245	1/2	SLIP 40' OF LINE
6	1245	130	3/4	FINISH RUNNING IN HOLE
19	130	400	2 1/2	FISH FOR CONES

DRILLER: Ed Holland

EVENING TOUR

DRILLING ASSEMBLY NO. 1 AT END OF TOUR

	BIT	FT.
1	MAGNET	2.45 FT
1	XO	.55 FT
1	43	2.95 FT
1	43	4.63 FT
1	DC	6.89 FT
1	SU	4.67 FT
1	DM	24.89 FT
1	54	4.54 FT
2	DC	62.48 FT
22	DC	680.39 FT
15	HW	460.11 FT
72	D.P. STANDS	69.59.88 FT
XX	D.P. SINGLES	FT
	KELLY DOWN	30 FT
	TOTAL	8245 FT
	WT. OF DC	39 LBS
	WT. OF STRING	160 LBS

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/8 1/16" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000#)	
2	TORQUE AT BOTTOM (OF TURNS)	
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME				
WEIGHT				
FUNNEL VIS.-SEC.				
PV / YP	/	/	/	
GELS	/	/	/	
W.L.-C.C.				
F.C. 1/32"				
PH				
% OIL				
% SAND				

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	BIT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
	400	415	1/4	SER. RIG + BOPS
	415	700	2 3/4	POH
	700	745	3/4	CLEAN MAG. + JUNK SUB
	745	900	1 1/2	RUN IN W/D MAG + JUNK SUB
	900	1000	3/4	FISHING
	1000	1200	2	P.O.H.

C. RUBIN 8 HRS TRAVEL TIME FROM EDMONTON TO MONTREAL

DRILLER: Paul Beaupré

CP-38 (9/78)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE #1

LOCATION: LOT 723-200 REG II-CONTR. LOTBINIERE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mathieu

CONTRACTOR: REGENT DRILLING LTD

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE

RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
8204	8236	32	17.65 11/4	1 13	2	28	72

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3 1/2			2 1/4	4 1/2	IF	1	OILWELL	560	8"
4 1/2			2 1/4	4 3/4	IF	2	EMSCO	D700	16"

LAST CASING, TUBING OR LINER

SIZE	WT. AND GR.	NO. OF JOINTS	FEET	RK. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
7 5/8	29/26	153	6559	17.34	6559		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7 1/4	14 1/2	3 1/4	12
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING		1/2		1/2
6	TRIPS	1/2	5 3/4	4 1/2	10 3/4
7	RIG SERVICE	1/4	1/4	1/4	3/4
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS		8		24
	HOURS FOR SHELL ACCOUNT				
CODE NUMBERS FOR NON-PRODUCTIVE HOURS	BOILER	8	8	8	

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT		FT.
1	R3	I.D. 2 x 6 3/4		463
1	DC	I.D. 2 1/2 x 3 1/2		689
1	SU	I.D. 2 x 6 3/32		467
4	DM	I.D. 2 x 4 3/4		2488
1	SU	I.D. 2 x 6 3/32		454
2	DC	I.D. 2 1/2 x 3 1/2		624
22	DC	I.D. 2 1/2 x 3 1/2		680.39
15	HW	I.D. 2 1/2 x 3 1/2		460.11
		I.D. X O.D.		FT.
		I.D. X O.D.		FT.
72	D.P.	STANDS		FT.
2	D.P.	SINGLES		59.88
		KELLY DOWN		6.70 FT.
		TOTAL		8222 FT.
		WT. OF DC		38 000#
		WT. OF STRING		155 000#

BIT RECORD

BIT NO.	46	
SIZE	6 3/4	
MFG.	SEC	
TYPE	M88	
SERIAL NO.	306708	
JETS 1/32"	16 16 14	
DEPTH OUT		
DEPTH IN	8129	
TOTAL FOOTAGE	93	
TOTAL HRS. RUN	3 1/2	
BIT CONDITION 1/8'S T/B | 1/8" GAGE		

HOLE CONDITION

1	HOLE DRAG (1000 #)	1000#
2	TORQUE AT BOTTOM (DP TURNS)	1/2
3	FILL ON BOTTOM (FEET)	NIL

MUD RECORD

TIME	
WEIGHT	
FUNNEL VIS.-SEC	
PV / YP	
GELS	
W.L.-C.C.	13.2
F.C. 1/32"	3/32
PH	12.0
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Bentonite	6000#		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8204	8222	7 1/2				35	35	2200		4 1/2	115			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	12 00	12 15	1/4	RIG SER
	12 15	7 30	7 1/4	DRILL 6 3/4" HOLE
	7 30	8 00	1/2	BLOW KELLY + PULL OUT

DRILLER: Joe Kelly

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT		FT.
1	R3	I.D. 2 x 6 3/4		463
1	DC	I.D. 2 1/2 x 3 1/2		689
1	SU	I.D. 2 x 6 3/32		467
1	DM	I.D. 2 x 4 3/4		24.88
1	SU	I.D. 2 x 6 3/32		454
2	DC	I.D. 2 1/2 x 3 1/2		624
22	DC	I.D. 2 1/2 x 3 1/2		680.39
15	HW	I.D. 2 1/2 x 3 1/2		460.11
		I.D. X O.D.		FT.
		I.D. X O.D.		FT.
72	D.P.	STANDS		FT.
2	D.P.	SINGLES		59.88
		KELLY DOWN		17. FT.
		TOTAL		8226 FT.
		WT. OF DC		38 000#
		WT. OF STRING		157 000#

BIT RECORD

BIT NO.	46	47
SIZE	6 3/4	6 3/4
MFG.	SEC	HW
TYPE	M88	J55
SERIAL NO.	306708	JV702
JETS 1/32"	16 16 14	14 16 16
DEPTH OUT	8222	
DEPTH IN	8129	8222
TOTAL FOOTAGE	93	
TOTAL HRS. RUN	3 1/2	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	8 4 | 1	

HOLE CONDITION

1	HOLE DRAG (1000 #)	
2	TORQUE AT BOTTOM (DP TURNS)	
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME		
WEIGHT	12.7	13.2 13.9
FUNNEL VIS.-SEC	70	77 70
PV / YP	TR | 10	/
GELS	/	/
W.L.-C.C.	12.8	W. 13.8
F.C. 1/32"	3	V. 75
PH	11.	
% OIL		
% SAND		

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Bentonite	6000		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8222	8226	1 1/2	D			30	35	2200		4 1/2 x 8	115	5 1/2 x 16		Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
6	8 00	11 15	3 1/4	PULL OUT OF HOLE
7	11 15	11 30	1/4	RIG SER + CHECK BLIND RAMS
6	11 30	2 00	2 1/2	RUN IN BIT #47
5	2 00	2 30	1/2	BRAKE CIRC.
2	2 30	4 00	1 1/2	DRILL 6 3/4" HOLE

DRILLER: Ed Rollins

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT		FT.
1	R3	I.D. 2 x 6 3/4		463
1	DC	I.D. 2 1/2 x 3 1/2		689
1	SU	I.D. 2 x 6 3/32		467
1	DM	I.D. 2 x 4 3/4		24.88
1	SU	I.D. 2 x 6 3/32		454
2	DC	I.D. 2 1/2 x 3 1/2		624
22	DC	I.D. 2 1/2 x 3 1/2		680.39
15	HW	I.D. 2 1/2 x 3 1/2		460.11
		I.D. X O.D.		FT.
		I.D. X O.D.		FT.
72	D.P.	STANDS		459.88
2	D.P.	SINGLES		FT.
		KELLY DOWN		FT.
		TOTAL		8236 FT.
		WT. OF DC		34 LBS.
		WT. OF STRING		160 LBS.

BIT RECORD

BIT NO.	47	48
SIZE	6 3/4	6 3/4
MFG.	HW	SEC
TYPE	J55	H105
SERIAL NO.	JV702	342791
JETS 1/32"	14 14 14	16 16 16
DEPTH OUT	8236	
DEPTH IN	8229	8236
TOTAL FOOTAGE	14	
TOTAL HRS. RUN	4 1/4	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	4 | 1 | 1	

HOLE CONDITION

1	HOLE DRAG (1000 #)	
2	TORQUE AT BOTTOM (DP TURNS)	
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	4	6
WEIGHT	13.9	13.9
FUNNEL VIS.-SEC	75	74
PV / YP	/	/
GELS	/	/
W.L.-C.C.	13.2	
F.C. 1/32"	3	
PH	12	
% OIL		
% SAND		

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8226	8236	3 1/4	D		CARTIER	30	35	2200		9 1/2	115			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	4 00	4 15	1/4	RIG SER + V BOPS
	4 15	7 30	3 1/4	DRLG.
	7 30	11 00	3 1/2	T.O.H.
	11 00	11 15	1/4	CLOSE BLIND RAMS CHANGE BIT
	11 15	12 00	3/4	RUN IN

DRILLER: Paul Smith

DAILY DRILLING REPORT

P-36 (9/70)

WELL NAME: SHELL STE-FRANCOISE ROMAINE #1

LOCATION: LOT 723-200: R16-11-CONTE LOTBINIERE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mayhew

CONTRACTOR: REGENT DRILLING LTD.

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Robert

RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
8145	8204	59	1276½	112	2	27	72

1253¼

	WT. PER FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD
DP / DC SIZE					
3½			2¼	4½	IF
4½			2¼	5	IF

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OILWELL	560P	8"
2	EMSCO	D700	16"

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7⅝	39/26	153	6559	17.34	6559		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7¾	7¾	7¾	23¼
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS				
7	RIG SERVICE	¼	¼	¼	¾
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
BOILER	BOILER	8	8	8	24
POWER SWIVEL OR POWER TONGS	Centrifuge Shelly in Use				24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

No. 1 Pump 58 strokes 1400 PSI

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	R3	12¼ x 6⅜	4.63
1	DC	12¼ x 6⅜	6.99
1	SU	12¼ x 6⅜	4.67
1	DM	12¼ x 6⅜	24.48
1	SU	12¼ x 6⅜	4.54
2	DC	12¼ x 6⅜	62.48
22	DC	12¼ x 6⅜	640.39
15	HW	12¼ x 3½	460.11
		I.D. x O.D.	FT.
		I.D. x O.D.	FT.
72	D.P.	STANDS	6996.19
	D.P.	SINGLES	FT.
	KELLY DOWN		19 FT.
	TOTAL		8162 FT.
	WT. OF DC		38000 LBS.
	WT. OF STRING		150000 LBS.

BIT RECORD

BIT NO.	46
SIZE	6¾
MFG.	SEC
TYPE	M88
SERIAL NO.	306708
JETS 1/32"	16 16 14
DEPTH OUT	
DEPTH IN	8129
TOTAL FOOTAGE	33
TOTAL HRS. RUN	14½
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000#)	1000 #
2	TORQUE AT BOTTOM (OF TURNS)	½
3	FILL ON BOTTOM (FEET)	NIL

MUD RECORD

TIME	12 NOON	8 PM	4 AM
WEIGHT	13.9	13.7	13.7
FUNNEL VIS.-SEC.	40	95	45
PV/YP	/	/	/
GELS.	/	/	/
W.L.-C.C.	3	13	
F.C. 1/32"	1/32	T/32	
PH		12.0	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	BIT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8145	8162	7¾	D			35	35/40	2400				5½	38	

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
7	12 00	12 15	¼	RIG SER.
2	12 15	8 00	7¾	DRILL 6¾" HOLE

DRILLER: Jack Robert

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	R3	12¼ x 6⅜	4.63
1	DC	12¼ x 6⅜	6.89
1	SU	12¼ x 6⅜	4.67
1	DM	12¼ x 6⅜	24.88
1	SU	12¼ x 6⅜	4.54
22	DC	9¼ x 6⅜	62.48
22	DC	9¼ x 6⅜	686.39
15	HW	6½ x 3½	460.11
		I.D. x O.D.	FT.
		I.D. x O.D.	FT.
72	D.P.	STANDS	6896.19
	D.P.	SINGLES	FT.
	KELLY DOWN		38 FT.
	TOTAL		8183 FT.
	WT. OF DC		38000 LBS.
	WT. OF STRING		150000 LBS.

BIT RECORD

BIT NO.	46
SIZE	6¾
MFG.	SEC
TYPE	M88
SERIAL NO.	306708
JETS 1/32"	16 16 14
DEPTH OUT	
DEPTH IN	8129
TOTAL FOOTAGE	54
TOTAL HRS. RUN	22½
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000#)	
2	TORQUE AT BOTTOM (OF TURNS)	½
3	FILL ON BOTTOM (FEET)	NIL

MUD RECORD

TIME	8 AM	10 AM	2 PM
WEIGHT	13.6	13.7	13.7
FUNNEL VIS.-SEC.	80	95	85
PV/YP	/	/	/
GELS.	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	5500#		
PELTEX	100#		

FOOTAGE

FROM	TO	BIT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8162	8183	7¾	D			35	38			4½		5½	36	Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
7	8 00	8 15	¼	RIG SER.
2	8 15	4 00	7¾	DRILL 6¾" HOLE

DRILLER: J. Holland

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	R3	12¼ x 6⅜	4.63
1	DC	12¼ x 6⅜	6.89
1	SU	12¼ x 6⅜	4.67
1	QMC	12¼ x 6⅜	24.88
1	SU	12¼ x 6⅜	4.54
21	DC	9¼ x 6⅜	62.48
22	DW	9¼ x 6⅜	686.39
14	HW	6½ x 3½	442.11
		I.D. x O.D.	FT.
		I.D. x O.D.	FT.
72	D.P.	STANDS	6982.65
2	D.P.	SINGLES	FT.
	KELLY DOWN		24 FT.
	TOTAL		8204 FT.
	WT. OF DC		38000 LBS.
	WT. OF STRING		158000 LBS.

BIT RECORD

BIT NO.	46
SIZE	6¾
MFG.	SEC
TYPE	M88
SERIAL NO.	306708
JETS 1/32"	16 16 14
DEPTH OUT	
DEPTH IN	8129
TOTAL FOOTAGE	75
TOTAL HRS. RUN	30¼
BIT CONDITION 1/8'S T/B 1/8" GAGE	DRLG

HOLE CONDITION

1	HOLE DRAG (1000#)	
2	TORQUE AT BOTTOM (OF TURNS)	
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	4	7	10
WEIGHT	13.7	13.8	13.8
FUNNEL VIS.-SEC.	85	78	79
PV/YP			32/29
GELS.			24/32
W.L.-C.C.	14.0		14.2
F.C. 1/32"	3/32		3/32
PH	11.5		11.5
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
WATER	2 GAL PER MIN		
4 HAS			

FOOTAGE

FROM	TO	BIT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8183	8204	7¼	D		QUARTZ + SAND STONE	35	35	2200		4½	115			Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
2	4 00	6 00	2	DRLG
7	6 00	6 15	¼	RIG SER. ✓ BWBS
2	6 15	12 00	5¾	DRLG

DRILLER: Paul Lapp

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINIE #1

LOCATION: LOT 723-200-RSC-11 CANTE LOTBINIERE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mulbrink

CONTRACTOR: REGENT DRILLING LTD.

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Miller

RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
8107	8145	38	1237¾	111	2	26	72

DP. / DC. SIZE	WT / FT	GRADE	MIN. I.D.	TOOL JT. O.D.	TYPE THREAD
3½			2.600	4½	IF
4½			3¼	6¼	EF

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OILWELL	560P	8
2	EMSCO	D700	16"

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	RB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	13⅜	54.5/26	153	6559	1734	6559		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7¾	1	6¾	15½
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS		5½	3¼	8¾
7	RIG SERVICE	¼	½	¼	1
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE		½	¼	¾
10	DEVIATION SURVEY		½		½
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
	BOILER	8	8	8	24

Centrifuge Shelly & Co

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

1200# AT ½ RPM

89 SPM

19

DRILLING ASSEMBLY NO. 1 CODE — AT END OF TOUR

BIT — FT.

1	RR	12¼	x	30		469	FT.
1	DC	12¼	x	30		6.89	FT.
1	SA	12¼	x	30		467	FT.
1	DM	12¼	x	30		24.88	FT.
1	SA	12¼	x	30		4.54	FT.
2	DC	9½	x	30		62.48	FT.
22	DC	9½	x	30		680.39	FT.
15	HW	9½	x	30		460.11	FT.

I.D. x O.D. — FT.

I.D. x O.D. — FT.

71	D.P.	STANDS	FT.
2	D.P.	SINGLES	68.64.16
	KELLY DOWN		8.00 FT.
	TOTAL		8127 FT.
	WT. OF DC		38000 LBS.
	WT. OF STRING		150000 LBS.

BIT RECORD

BIT NO.	45
SIZE	6¾
MFG.	SEC
TYPE	M88
SERIAL NO.	206949
JETS 1/32"	16 16 16
DEPTH OUT	
DEPTH IN	8056
TOTAL FOOTAGE	
TOTAL HRS. RUN	31½
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000#)	100
2	TORQUE AT BOTTOM (OR TURNS)	½
3	FILL ON BOTTOM (FEET)	NIL

MUD RECORD

TIME	12 noon	2 AM	
WEIGHT	13.1	12.8	13.8
FUNNEL VIS.-SEC.	75	73	78
PV/YP			
GELS.			
W.L.-C.C.	13.2		
F.C. 1/32"			
PH	12.6		
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
RAN WATER FOR 3 HOURS			

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8107		7½	D			35	75	2400		6½		6½	38	

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
	12 00	12 15	¼	RIG SER + BOPS.
	12 15			DRILL 6¾" HOLE

DRILLER: Joe Kokutt

MORNING TOUR

DRILLING ASSEMBLY NO. 1 CODE — AT END OF TOUR

BIT — FT.

1	RR	12¼	x	30		4.63	FT.
1	DC	9½	x	30		6.89	FT.
1	SA	9½	x	30		4.67	FT.
1	DM	9½	x	30		24.88	FT.
1	SA	9½	x	30		4.54	FT.
2	DC	9½	x	30		62.48	FT.
22	DC	9½	x	30		680.39	FT.
15	HW	9½	x	30		460.11	FT.

I.D. x O.D. — FT.

I.D. x O.D. — FT.

71	D.P.	STANDS	FT.
2	D.P.	SINGLES	68.64.10
	KELLY DOWN		10 FT.
	TOTAL		8129 FT.
	WT. OF DC		38000 LBS.
	WT. OF STRING		150000 LBS.

BIT RECORD

BIT NO.	45	46
SIZE	6¾	6¾
MFG.	SEC	SEC
TYPE	M88	M88
SERIAL NO.	206949	206708
JETS 1/32"	16 16 16	16 16 16
DEPTH OUT	8129	8129
DEPTH IN	8056	8129
TOTAL FOOTAGE	73	
TOTAL HRS. RUN	32½	
BIT CONDITION 1/8'S T/B 1/8" GAGE	2 2 D	

HOLE CONDITION

1	HOLE DRAG (1000#)	3M
2	TORQUE AT BOTTOM (OR TURNS)	½
3	FILL ON BOTTOM (FEET)	0

MUD RECORD

TIME	8 AM		
WEIGHT	13.9		
FUNNEL VIS.-SEC.	80		
PV/YP			
GELS.			
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	2500#		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8127	8129	2	D			35	75	2200		6½		6½	36	Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
8125	1°	S 55° W						

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
2	8 00	9 00	1	DRILL 6¾" HOLE
10	9 00	9 30	½	DROP DIRECTIONAL SURVEY + BLOW KELLY
6	9 30	1 00	3½	PULL OUT OF HOLE
7	1 00	1 30	½	CHANGE BITS + SER. RIG + BOPS.
6	1 30	3 30	2	RUN IN TO 5500'.
9	3 30	4 00	½	CUT 80' OF LINE.

DRILLER: Ed Holland

DAY TOUR

DRILLING ASSEMBLY NO. 1 CODE — AT END OF TOUR

BIT — FT.

1	RR	12¼	x	30		4.63	FT.
1	DC	9½	x	30		6.89	FT.
1	SA	9½	x	30		4.67	FT.
1	DM	9½	x	30		24.88	FT.
1	SA	9½	x	30		4.54	FT.
2	DC	9½	x	30		62.48	FT.
22	DC	9½	x	30		680.39	FT.
15	HW	9½	x	30		460.11	FT.

I.D. x O.D. — FT.

I.D. x O.D. — FT.

71	D.P.	STANDS	FT.
2	D.P.	SINGLES	68.64.10
	KELLY DOWN		3.6 FT.
	TOTAL		8145 FT.
	WT. OF DC		38000 LBS.
	WT. OF STRING		150000 LBS.

BIT RECORD

BIT NO.	45	
SIZE	6¾	
MFG.	SEC	
TYPE	M88	
SERIAL NO.	206708	
JETS 1/32"	16 16 16	
DEPTH OUT		
DEPTH IN	8129	
TOTAL FOOTAGE	16	
TOTAL HRS. RUN	6¾	
BIT CONDITION 1/8'S T/B 1/8" GAGE		

HOLE CONDITION

1	HOLE DRAG (1000#)	LIVE
2	TORQUE AT BOTTOM (OR TURNS)	½
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	8 AM	6 PM	
WEIGHT	13.9	13.9	
FUNNEL VIS.-SEC.	75	80	
PV/YP			
GELS.			
W.L.-C.C.	15		
F.C. 1/32"	3 3 2		
PH	12		
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
GEL	2000 #		
CAUSTIC 100# MUD 100#			
FLOW 50# STARCH 50#			
POLY 25# SOAP POLYMER 50#			

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8129	8145	6¾	D			35	75	2400		6½		6½	38	

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
9	4 00	4 15	¼	SLIP 40' LINE
6	4 15	5 00	¾	RUN IN HOLE
7	5 00	5 15	¼	RIG SER. + BHA RE-TAC
2	5 15	12 00	6¾	DRILL 6¾" HOLE

DRILLER: Joe Kokutt

EVENING TOUR

DAILY DRILLING REPORT

P-38 (9/70)

WELL NAME: SHELL STE FRANCOISE ROMAINE NO 1

LOCATION: LOT 723-200 RGE II CONTE LOT ANGERE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: A. MacKenzie

CONTRACTOR: REGENT DRLG LTD

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Wilson

RIG NO: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
8057			1237¾	110	2	25/3	72

DP / DC SIZE	WT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD
3½			2.603	4¾	IF
4½			2¼	4¾	IF

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OILWELL	E400	8
2	EMSCO	D200	10

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7⅝	29½	153	6554	12.75	6554		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	11¾	7¾	7¼	23½
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS				
7	RIG SERVICE	¼	¼	¼	¾
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	12	12	8	24
	HOURS FOR SHELL ACCOUNT				
GOOD USE OF FUEL, WATER & POWER	BOILER	8	8	8	24

Centrifuge Mudcleaner on location 24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

#2 Pump @ 1200# 19 S.P.M.

MORNING TOUR

DRILLING ASSEMBLY — AT END OF TOUR

NO.	CODE	BIT		FT.
1	R3	I.D. 2 x 15/16		463 FT.
1	DC	I.D. 2 x 2¼		6.89 FT.
1	SH	I.D. 2 x 2 3/32		4.67 FT.
1	RR	I.D. 2 x 1 15/16		24.88 FT.
1	SH	I.D. 2 x 2 3/32		4.54 FT.
2	DC	I.D. 2¼ x 2 13/16		62.49 FT.
22	DC	I.D. 2¼ x 2 13/16		680.39 FT.
15	HW	I.D. 2¼ x 3 5/16		460.11 FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
71	D.P.	STANDS	6801.02	FT.
	D.P.	SINGLES		FT.
	KELLY DOWN		23	FT.
	TOTAL		8073	FT.
	WT. OF DC		38	LBS.
	WT. OF STRING		160	LBS.

BIT RECORD

BIT NO.	45
SIZE	6¾
MFG.	SEC
TYPE	M84
SERIAL NO.	306949
JETS 1/32"	16/16/14
DEPTH OUT	
DEPTH IN	8056
TOTAL FOOTAGE	17
TOTAL HRS. RUN	8¼
BIT CONDITION 1/8'S T/B | 1/8" GAGE	2 2 CT

HOLE CONDITION

1	HOLE DRAG (1000#)	10
2	TORQUE AT BOTTOM (OF TURNS)	½
3	FILL ON BOTTOM (FEET)	NIL

MUD RECORD

TIME	12	3	6
WEIGHT	13.7	13.7	13.7
FUNNEL VIS.-SEC.	71	63	63
PV/YP	/	/	/
GELS.	/	/	/
W.L.-C.C.		16	
F.C. 1/32"		3	
PH		11	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
SEA WATER	2 GPM	LOAS	

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8061	8073	¾	D		QUARTZ	35	35	2400		4½		5½	38	Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DAILY TOUR — DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	12 00	12 15	¼	SER RIG W/BOP ORG.

DRILLER: Ed Holland

DAY TOUR

DRILLING ASSEMBLY — AT END OF TOUR

NO.	CODE	BIT		FT.
1	R3	I.D. 2 x 15/16		463 FT.
1	DC	I.D. 2 x 2¼		6.89 FT.
1	SH	I.D. 2 x 2 3/32		4.67 FT.
1	RR	I.D. 2 x 1 15/16		24.88 FT.
1	SH	I.D. 2 x 2 3/32		4.54 FT.
2	DC	I.D. 2¼ x 2 13/16		62.48 FT.
22	DC	I.D. 2¼ x 2 13/16		680.39 FT.
15	HW	I.D. 2¼ x 3 5/16		460.11 FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
71	D.P.	STANDS	6801.02	FT.
	D.P.	SINGLES		FT.
	KELLY DOWN		39	FT.
	TOTAL		8089	FT.
	WT. OF DC		38	LBS.
	WT. OF STRING		160	LBS.

BIT RECORD

BIT NO.	45
SIZE	6¾
MFG.	SEC
TYPE	M84
SERIAL NO.	306949
JETS 1/32"	16/16/14
DEPTH OUT	
DEPTH IN	8056
TOTAL FOOTAGE	33
TOTAL HRS. RUN	16
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000#)	500
2	TORQUE AT BOTTOM (OF TURNS)	½
3	FILL ON BOTTOM (FEET)	NIL

MUD RECORD

TIME	10.	12 00	2 00
WEIGHT	13.7	13.7	13.8
FUNNEL VIS.-SEC.	65	63	70
PV/YP	/	/	/
GELS.	/	/	/
W.L.-C.C.		13	
F.C. 1/32"		3 2	
PH		12.	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	7,000 #		
SALT GEL	700 #		
SEA WATER	FLOW	SOA	

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8073	8089	7¼	D			35	35	2400				5½ & 6	38	

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DAY TOUR — DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	8 00	8 15	¼	R16 SER.
2	8 15	4 00	7¾	DRILL 6¾" HOLE

DRILLER: Joe Robert

EVENING TOUR

DRILLING ASSEMBLY — AT END OF TOUR

NO.	CODE	BIT		FT.
1	R3	I.D. 2 x 15/16		4.63 FT.
1	DC	I.D. 2 x 2¼		6.89 FT.
1	SH	I.D. 2 x 2 3/32		4.67 FT.
1	RR	I.D. 2 x 1 15/16		24.88 FT.
1	SH	I.D. 2 x 2 3/32		4.54 FT.
2	DC	I.D. 2¼ x 2 13/16		62.49 FT.
22	DC	I.D. 2¼ x 2 13/16		680.39 FT.
15	HW	I.D. 2¼ x 3 5/16		460.11 FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
71	D.P.	STANDS	6833.02	FT.
1	D.P.	SINGLES		FT.
	KELLY DOWN		25.39	FT.
	TOTAL		8107	FT.
	WT. OF DC		38M	LBS.
	WT. OF STRING		158M	LBS.

BIT RECORD

BIT NO.	45
SIZE	6¾
MFG.	SEC
TYPE	M84
SERIAL NO.	306949
JETS 1/32"	16/16/14
DEPTH OUT	
DEPTH IN	8056
TOTAL FOOTAGE	
TOTAL HRS. RUN	23¾
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000#)	5M
2	TORQUE AT BOTTOM (OF TURNS)	½
3	FILL ON BOTTOM (FEET)	0

MUD RECORD

TIME	4PM	8PM	10PM
WEIGHT	14.0	13.8	13.7
FUNNEL VIS.-SEC.	75	80	71
PV/YP	/	/	/
GELS.	/	/	/
W.L.-C.C.	14.2		
F.C. 1/32"	3		
PH	12		
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8089	8107	7¼	D			35	36	2200		4½ & 5		5½ & 6	36	Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

EVENING TOUR — DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
2	4 00	6 00	2	DRILL 6¾" HOLE
7	6 00	6 15	¼	RIG SER & CHECK 3½" RAMS
2	6 15	12 00	5¾	DRILL 6¾" HOLE

DRILLER: Ed Holland

DAILY DRILLING REPORT

(7-78 (8/79))

WELL NAME: SHELL STE FRANCOIS ROMAINE NO 1

LOCATION: LOT 123 - 208 RGE II CONTS 307 ARPENTS

PROVINCE: QUÉBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Gilbertrich

CONTRACTOR: REGENT DRILLING LTD

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE:

RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
8034	8057	23	1229	109	2	24	72

DP / DC SIZE	WT / FT	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3½			2.60	4¼	IF	1	OILWELL	4-D	8
6¼				4 3/4	IF	2	EMSCO	2000	14

LAST CASING TUBING OR LINER

SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
7 5/8	29.70	153	6559	17.5	6559		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	3½	7¼	3¼	14
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING		¼	¼	½
6	TRIPS	4½	4½	3¼	12¾
7	RIG SERVICE		¼	¼	½
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
	BOILER	8	8	8	24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

1200 PSI 195 SPM #2

DRILLING ASSEMBLY NO. — AT END OF TOUR

NO.	CODE	BIT / DESCRIPTION	FT
1	R3	12¼ x 6 7/8	463 FT
1	DC	8 x 2 1/4	689 FT
1	SU	8 x 2 1/4	467 FT
1	DM	8 x 2 1/4	2488 FT
1	SU	8 x 2 1/4	454 FT
2	DC	8 x 2 1/4	62.98
22	DC	8 x 2 1/4	680.39
15	HW	8 x 2 1/4	460.11 FT
		I.D. x O.D.	FT
		I.D. x O.D.	FT
70	D.P.	STANDS	FT
2	D.P.	SINGLES	6768.97
		KELLY DOWN	34.70 FT
		TOTAL	8052 FT
		WT. OF DC	38 000 LBS
		WT. OF STRING	160 000 LBS

BIT RECORD

BIT NO.	44
SIZE	6¾
MFG.	HW
TYPE	R6TJ
SERIAL NO.	75222
JETS 1/32"	16 16 14
DEPTH OUT	
DEPTH IN	8034
TOTAL FOOTAGE	18
TOTAL HRS. RUN	11¾
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)	
2	TORQUE AT BOTTOM (DP TURNS)	
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	8 AM	
WEIGHT	13.9	
FUNNEL VIS.-SEC	78	73
PV / YP	/	/
GELS	/	/
W.L.-C.C.	17.0	
F.C. 1/32"	3/32	
PH	12	
% OIL		
% SAND		

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	BIT HOURS	DR-D BM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8034	8039	7½	0		SAND STONE & QUARTZ	30/35	35	2400				6½	95	Comp

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

MORNING TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
6	12 00	2 00	2	FINISH OUT
6	2 00	4 30	2½	RUN IN
2	4 30	8 00	3½	DRLG.

DRILLER: Paul Smith

DRILLING ASSEMBLY NO. — AT END OF TOUR

NO.	CODE	BIT / DESCRIPTION	FT
1	R3	12¼ x 6 7/8	463 FT
1	DC	8 x 2 1/4	689 FT
1	SU	8 x 2 1/4	467 FT
1	DM	8 x 2 1/4	2488 FT
1	SU	8 x 2 1/4	454 FT
2	DC	8 x 2 1/4	62.98
22	DC	8 x 2 1/4	680.39
15	HW	8 x 2 1/4	460.11 FT
		I.D. x O.D.	FT
		I.D. x O.D.	FT
70	D.P.	STANDS	FT
2	D.P.	SINGLES	6768.97
		KELLY DOWN	34.70 FT
		TOTAL	8052 FT
		WT. OF DC	38 000 LBS
		WT. OF STRING	160 000 LBS

BIT RECORD

BIT NO.	44
SIZE	6¾
MFG.	HW
TYPE	R6TJ
SERIAL NO.	75222
JETS 1/32"	16 16 14
DEPTH OUT	
DEPTH IN	8034
TOTAL FOOTAGE	18
TOTAL HRS. RUN	11¾
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)	
2	TORQUE AT BOTTOM (DP TURNS)	
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	8 AM	12 NOON 7 PM
WEIGHT	13.9	13.8 13.7
FUNNEL VIS.-SEC	78	73 73
PV / YP	/	/ /
GELS	/	/ /
W.L.-C.C.	17.0	
F.C. 1/32"	3/32	
PH	12	
% OIL		
% SAND		

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	BIT HOURS	DR-D BM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8039	8052	7¼	0		SAND & STONE	35	35/40	2400				6½	38	

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

DAY TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	8 00	6 00	¼	RIG SER
2	6 15	4 00	7¾	DRILL 6¾" HOLE

DRILLER: Tom Robert

DRILLING ASSEMBLY NO. — AT END OF TOUR

NO.	CODE	BIT / DESCRIPTION	FT
1	R3	12¼ x 6 7/8	463
1	DC	8 x 2 1/4	689
1	SU	8 x 2 1/4	467
1	DM	8 x 2 1/4	24.88
1	SU	8 x 2 1/4	454
2	DC	8 x 2 1/4	62.98
22	DC	8 x 2 1/4	680.39
15	HW	8 x 2 1/4	460.11
		I.D. x O.D.	FT
		I.D. x O.D.	FT
70	D.P.	STANDS	FT
2	D.P.	SINGLES	6768.97
		KELLY DOWN	39.70
		TOTAL	8057
		WT. OF DC	38 000 LBS
		WT. OF STRING	158 000 LBS

BIT RECORD

BIT NO.	44	45
SIZE	6¾	6¾
MFG.	HW	SEC
TYPE	R6TJ	M88
SERIAL NO.	75222	3061909
JETS 1/32"	16 16 14	16 16 14
DEPTH OUT	8056	
DEPTH IN	8034	8056
TOTAL FOOTAGE	22	
TOTAL HRS. RUN	14	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	6 6 6	D E | 1/4

HOLE CONDITION

1	HOLE DRAG (1000 #)	5
2	TORQUE AT BOTTOM (DP TURNS)	1½
3	FILL ON BOTTOM (FEET)	0

MUD RECORD

TIME	4 PM	
WEIGHT	13.7	
FUNNEL VIS.-SEC	73	
PV / YP	/	/
GELS	/	/
W.L.-C.C.		
F.C. 1/32"		
PH		
% OIL		
% SAND		

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	2500 #		

FOOTAGE

FROM	TO	ROT HOURS	DR-D BM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8052	8057	3¼	0			35		2400		4½ x 8		5 11/16	36	Comp

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

EVENING TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
2	4 00	6 45	2¾	DRILL 6¾" HOLE
6	6 45	9 00	2¼	BLOW KELLY & PULL OUT OF HOLE
7	9 00	9 15	¼	RIG SER & CHECK BLIND RAMS
6	9 15	11 15	2	RUN IN BIT #45
5	11 15	11 30	¼	BRAKE CIRC. & CLEAN TO BOTTOM.
2	11 30	12 00	½	DRILL 6¾" HOLE

DRILLER: Ed Hollard

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE NO. 1
LOCATION: LOT 723-200 RGE II CANTON LOTBINIERE
PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited
SIGNATURE OF OPERATOR'S REPRESENTATIVE: G. Mayerich
CONTRACTOR: REGENT DRILLING LTD
SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Hubbard
RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DAY	YEAR
7984	8034	50	1214½	108	2	23	72

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD
3½		E	2.602	4½	IF
4¼ & 4¾			2¼		IF

PUMP MANUFACTURER

PUMP NO.	TYPE	STROKE LENGTH
1	OILWELL A-600	8
2	EMSCO D-700	16

LAST CASING TUBING OR LINER: SIZE 7⅝ | WT. AND GR. 24/30 | NO. OF JOINTS 153 | FEET 6559 | RD. TO CSG. HEAD 17.35 | SET AT 6557 | CEMENT USED (SACKS)

REMARKS

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7¼	7¾	5½	20½
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS	½		2½	2¾
7	RIG SERVICE	¼	½	¼	1
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
	BOILER	8	8	8	24

Centrifuge Holly from 24 hours Daily

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

Pk SPOTTED 1200 PPH

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	R3	12¼ x 6¾	4.63
1	DC	12¼ x 6¾	6.89
1	SU	12¼ x 6¾	4.67
1	DM	12¼ x 6¾	24.85
1	SU	12¼ x 6¾	4.54
2	DC	12¼ x 6¾	62.48
22	DC	12¼ x 6¾	680.39
15	HW	12¼ x 3½	460.11
70	D.P.	STANDS	6736.93
X	D.P.	SINGLES	
	KELLY DOWN		19
	TOTAL		8003 FT.
	WT. OF DC		36 LBS.
	WT. OF STRING		160 LBS.

BIT RECORD

BIT NO.	43
SIZE	6¾
MFG.	REED
TYPE	SCM5
SERIAL NO.	882031
JETS 1/32"	16/16/14
DEPTH OUT	
DEPTH IN	7984
TOTAL FOOTAGE	19
TOTAL HRS. RUN	7¼
BIT CONDITION 1/8'S T/B | 1/8" GAGE	0 R 16

HOLE CONDITION

1	HOLE DRAG (1000 #)	
2	TORQUE AT BOTTOM (DP TURNS)	18/12
3	FILL ON BOTTOM (FEET)	NIL

MUD RECORD

TIME	1	5	7
WEIGHT	13.9	13.8	13.8
FUNNEL VIS.-SEC.	100	90	75
PV / YP	/	/	/
GELS.	/	/	/
W.L.-C.C.			15.0
F.C. 1/32"			3/32
PH			12
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
SAMPLE	15K		
PLR100	15K		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7934	8003	7¼	1 0		SANDSTONE	30/35	35	2000				5½	36	Comp

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

MORNING TOUR

CODE	TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
6	12 30	12 30	½	FINISH IN
7	12 30	12 45	¼	BLOW KELLY WASH 30 FT TO BOTTOM + RIG SER.
2	12 45	8 03	7¼	DRLG

DRILLER: Paul Grant

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	R3	12¼ x 6¾	4.63
1	DC	12¼ x 6¾	6.89
1	SU	12¼ x 6¾	4.67
1	DM	12¼ x 6¾	24.85
1	SU	12¼ x 6¾	4.54
2	DC	12¼ x 6¾	62.48
22	DC	12¼ x 6¾	680.39
15	HW	12¼ x 3½	460.11
70	D.P.	STANDS	6736.93
1	D.P.	SINGLES	31.00
	KELLY DOWN		38
	TOTAL		8027 FT.
	WT. OF DC		38000 LBS.
	WT. OF STRING		160000 LBS.

BIT RECORD

BIT NO.	43
SIZE	6¾
MFG.	REED
TYPE	SCM5
SERIAL NO.	882031
JETS 1/32"	16/16/14
DEPTH OUT	
DEPTH IN	7984
TOTAL FOOTAGE	39
TOTAL HRS. RUN	15 15
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)	
2	TORQUE AT BOTTOM (DP TURNS)	½
3	FILL ON BOTTOM (FEET)	NIL

MUD RECORD

TIME			
WEIGHT	13.7	13.7	13.9
FUNNEL VIS.-SEC.	76	73	75
PV / YP	/	/	/
GELS.	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
WBM	MAT 6000		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7944	8023	7¾	1 1											

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

DAY TOUR

CODE	TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	9 00	8 15	11¼	RIG SER
2	8 15	4 00	7¾	DRILL 6¾" HOLE

DRILLER: Joe Robert

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	R3	12¼ x 6¾	4.63
1	DC	12¼ x 6¾	6.89
1	SU	12¼ x 6¾	4.67
1	DM	12¼ x 6¾	24.85
1	SU	12¼ x 6¾	4.54
2	DC	12¼ x 6¾	62.48
22	DC	12¼ x 6¾	680.39
15	HW	12¼ x 3½	460.11
70	D.P.	STANDS	
2	D.P.	SINGLES	6768.97
	KELLY DOWN		16.64
	TOTAL		8034 FT.
	WT. OF DC		38M LBS.
	WT. OF STRING		160M LBS.

BIT RECORD

BIT NO.	43
SIZE	6¾
MFG.	REED
TYPE	SCM5
SERIAL NO.	882031
JETS 1/32"	16/16/14
DEPTH OUT	8034
DEPTH IN	7984
TOTAL FOOTAGE	~~3994~~ 50
TOTAL HRS. RUN	20½
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)	5 M
2	TORQUE AT BOTTOM (DP TURNS)	½
3	FILL ON BOTTOM (FEET)	0

MUD RECORD

TIME	4		
WEIGHT	13.8		
FUNNEL VIS.-SEC.	68		
PV / YP	/	/	/
GELS.	/	/	/
W.L.-C.C.	14.6		
F.C. 1/32"	3		
PH	11		
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE 2000#			

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
8023	8034	5½	1 0			35M	35	2100		~~6½~~ 5½	~~S.P.M.~~	5½	36	Comp

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

EVENING TOUR

CODE	TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
2	4 00	6 30	2½	DRILL 6¾" HOLE
7	6 30	6 45	¼	RIG SER. & BOP CHECK
2	6 45	9 45	3	DRILL 6¾" HOLE
6	9 45	12 00	2¼	BLOW KELLY & PULLOUT OF HOLE

½ PUMP P.S.I.
23 S.P.M. = 1200 P.S.I.
(#2 Pump)

DRILLER: Ed Holland

DAILY DRILLING REPORT

#77

WELL NAME: SHELL STE FRANCOISE ROMAINE NO 1
LOCATION: LOT 722-200 RGE II CANTÉ LOTBINIÈRE
PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited
SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mc Fisk
CONTRACTOR: REGENT DRLG LTD
SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. H. Allen
RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
7934	7984	50	1193¾	107	2	22	72

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3½		C		4½	IF	1	OILWELL	660P	8
4¾ x 6¼				4¾	IF	2	EMSCO	700	10

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	RB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7 5/8	29/26	153	6559	17.35	6559		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7¾	7¾	11¼	16¾
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS			6	6
7	RIG SERVICE	¼	¼	¼	¾
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS			½	½
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	8	8	8	24
	BOILER	8	8	8	24

Centrifuge Stddy drawtd 24 / 1

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

NO 2 PUMP 12 5/8 x 16
1400 PSI

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT / DRILL STRING	FT.
1	SU	12¼ x 6 3/32	3.32 FT
1	DC	8 I.D. 2¼ x 6¾	6.89 FT
1	SU	8 I.D. 2 x 6 3/32	4.67 FT
1	DM	8 I.D. 2 x 6¾	24.88 FT
1	SU	8 I.D. 2 x 6 3/32	4.54 FT
2	DC	8 I.D. 2¼ x 5¾	62.48 FT
22	DC	8 I.D. 2¼ x 6¾	680.39 FT
15	HW	6 I.D. 2¼ x 3½	460.11 FT
		I.D. x O.D.	FT
69		I.D. x O.D.	667.89
1	D.P.	STANDS	FT
	D.P.	SINGLES	FT
	KELLY DOWN		40 FT
	TOTAL		7960 FT
	WT. OF DC		36 LBS.
	WT. OF STRING		167 LBS.

BIT RECORD

BIT NO.	42
SIZE	6¾
MFG.	SEC
TYPE	7HCG
SERIAL NO.	911970
JETS 1/32"	18/15/15
DEPTH OUT	
DEPTH IN	7905
TOTAL FOOTAGE	53
TOTAL HRS. RUN	16¾
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)	
2	TORQUE AT BOTTOM (DP TURNS)	
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	12	3	6
WEIGHT	13.1	13.5	13.7
FUNNEL VIS.-SEC.	67	70	75
PV / YP	/	/	/
GELS.	/	/	/
W.L.-C.C.			13
F.C. 1/32"			3/32
PH			12
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	6200		

FOOTAGE

FROM	TO	ROT. HOURS	DR'D RM'R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7934	7960	7¾	0		HOR. LIMEY SANDS	35	60	2400	2100	4½	120	5½	86	

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
7	12 00	12 15	¼	RIG SER ✓ BOP
2	12 15	8 00	7¾	DRLG.

DRILLER: Paul Gray

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT / DRILL STRING	FT.
1	SU	12¼ x 6 3/32	3.32 FT
1	DC	8 I.D. 2¼ x 6¾	6.89 FT
1	SU	8 I.D. 2 x 6 3/32	4.67 FT
1	DM	8 I.D. 2 x 6¾	24.88 FT
1	SU	8 I.D. 2 x 6 3/32	4.54 FT
2	DC	8 I.D. 2¼ x 5¾	62.48 FT
22	DC	8 I.D. 2¼ x 6¾	680.39 FT
15	HW	6 I.D. 2¼ x 3½	460.11 FT
		I.D. x O.D.	FT
70		I.D. x O.D.	6704.89
	D.P.	STANDS	FT
	D.P.	SINGLES	FT
	KELLY DOWN		29 FT
	TOTAL		7981 FT
	WT. OF DC		38 000 LBS.
	WT. OF STRING		150 000 LBS.

BIT RECORD

BIT NO.	42
SIZE	6¾
MFG.	SEC
TYPE	7HCG
SERIAL NO.	911970
JETS 1/32"	18/15/15
DEPTH OUT	
DEPTH IN	7905
TOTAL FOOTAGE	76
TOTAL HRS. RUN	24½
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)	500
2	TORQUE AT BOTTOM (DP TURNS)	½
3	FILL ON BOTTOM (FEET)	0

MUD RECORD

TIME			
WEIGHT	14	14	14
FUNNEL VIS.-SEC.	78	76	76
PV / YP	/	/	/
GELS.	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
CAUST. SODA	#		
METSO BEADS	400 #		

FOOTAGE

FROM	TO	ROT. HOURS	DR'D RM'R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7960	7981	7¾	0			35	65	2800		4½	130			

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
2	6 00	8 30	2½	DRILL 6¾" HOLE
7	9 30	8 45	¼	RIG SER
2	8 45	4 00	7¼	DRILL 6¾" HOLE

DRILLER: Joe Lahaie

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT / DRILL STRING	FT.
1	R3	12¼ I.D. x O.D.	4.63
1	DC	8 I.D. 2¼ x 6¾	6.89 FT
1	SU	8 I.D. 2 x 6 3/32	4.67 FT
1	DM	8 I.D. 2 x 6¾	24.88 FT
1	SU	8 I.D. 2 x 6 3/32	4.54 FT
2	DC	8 I.D. 2¼ x 6¾	62.48 FT
22	DC	8 I.D. 2¼ x 6¾	680.39 FT
14	HW	6 I.D. 2¼ x 3½	460.11 FT
		I.D. x O.D.	FT
70	D.P.	STANDS	6704.89
	D.P.	SINGLES	FT
	KELLY DOWN		30.52 FT
	TOTAL		7984 FT
	WT. OF DC		38 000 LBS.
	WT. OF STRING		156M LBS.

BIT RECORD

BIT NO.	42	43
SIZE	6¾	6¾
MFG.	SEC	SEC
TYPE	H70C	SCM5
SERIAL NO.	911970	8&20
JETS 1/32"	18/15/15	16/16/14
DEPTH OUT	7984	
DEPTH IN	7905	7984
TOTAL FOOTAGE	79	
TOTAL HRS. RUN	25¾	
BIT CONDITION 1/8'S T/B 1/8" GAGE	7 7 0	

HOLE CONDITION

1	HOLE DRAG (1000 #)	5M
2	TORQUE AT BOTTOM (DP TURNS)	1
3	FILL ON BOTTOM (FEET)	NIL

MUD RECORD

TIME	4		
WEIGHT	14		
FUNNEL VIS.-SEC.	76		
PV / YP	/	/	/
GELS.	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	2000 #		

FOOTAGE

FROM	TO	ROT. HOURS	DR'D RM'R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7981	7984	1½	0			35	60	2400		4½ x 5½	130	5½ x 16		Comp

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
7	4 00	4 15	¼	RIG SERVICE
2	4 15	5 30	1 1/4	DRILL
6	5 30	9 00	3½	BLOW KELLY & PULL OUT
20	9 00	9 30	½	LAY DOWN BTM. STAB. & PICK UP NEAR BIT REAMER.
6	9 30	12 00	2½	RUN IN BIT # 43

DRILLER: Ed Raymond

DAILY DRILLING REPORT

(2-38 10/70)

WELL NAME: SHELL STE FRANCOISE ROMAINE NO 1
LOCATION: LOT 773 -200 RGE II CANTON LOTBINIERE
PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited
SIGNATURE OF OPERATOR'S REPRESENTATIVE: P. Gilfillan

CONTRACTOR: REGENT DRILLING LTD
SIGNATURE OF CONTRACTOR'S REPRESENTATIVE

RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DAY	YEAR
7893	7934	41	1177	106	2	21	72

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3 1/2		G	2.60	4 1/2	IF	1	OILWELL	5500 D	8
4 1/2 SH				4 3/4	IF	2	GEMSCO	7000	16

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7 5/8	29/26	153	6559	17.35	6559		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	5 3/4	11 1/4	7 3/4	14 3/4
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING		1/4		1/4
6	TRIPS	1 1/4	5 1/2		6 3/4
7	RIG SERVICE	1/4	1/4	1/4	3/4
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE		3/4		3/4
10	DEVIATION SURVEY	3/4			3/4
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
	BOILER	8	8	8	24

Centrifuge Shelly 24 hrs

DESILTER PERFORMANCE

	HOURS	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	R3	I.D. O.D. 2 x 6 3/4	4.42 FT
1	OC	I.D. O.D. 3 x 6 3/4	6.89 FT
1	SU	I.D. O.D. 2 x 6 3/4	4.67 FT
1	DM	I.D. O.D. 2 x 6 3/4	24.34 FT
1	SU	I.D. O.D. 2 x 6 3/4	4.54 FT
2	DC	2 1/4 x 5 3/4	62.48 FT
22	DC	2 1/4 x 4 3/4	680.39 FT
15	HW	3 1/4 x 3 1/2	460.11 FT
		I.D. x O.D.	FT
		I.D. x O.D.	FT
69	D.P.	STANDS	6641.09 FT
X	D.P.	SINGLES	FT
		KELLY DOWN	16 FT
		TOTAL	7905 FT
		WT. OF DC	34 LBS
		WT. OF STRING	117 LBS

BIT RECORD

BIT NO.	41
SIZE	6 3/4
MFG.	SEC
TYPE	M88
SERIAL NO.	322314
JETS 1/32"	18/15/15
DEPTH OUT	7905
DEPTH IN	7893
TOTAL FOOTAGE	12
TOTAL HRS. RUN	27
BIT CONDITION 1/8'S 7/8 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)	
2 TORQUE AT BOTTOM (OF TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	12	3	6
WEIGHT	13.7	13.8	14.0
FUNNEL VIS.-SEC.	95	120	116
PV / YP	/	/	/
GELS.	/	/	/
W.L.-C.C.			16
F.C. 1/32"			3
PH			12
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	11000 #		
WASH 3 GAL 6 HRS			

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7893	7905	3 1/4	D		LIME STONE	35	90	2400		5"	100	6 1/2	55	1 & 2

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

CODE	FROM	TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	12 00	12 15	1/4	SER RIG + BOPS
2	12 15	6 00	5 3/4	DRLG
10	6 00	6 45	3/4	DROP DIRC. BLOW KELLY
6	6 45	8 00	1 1/4	P.O.H.

DRILLER: Paul Bourque

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	SU	I.D. O.D. 2 x 6 3/4	3.32 FT
1	DC	I.D. O.D. 2 x 6 3/4	6.89 FT
1	SU	I.D. O.D. 2 x 6 3/4	4.67 FT
1	DM	I.D. O.D. 2 x 6 3/4	24.34 FT
1	SU	I.D. O.D. 2 x 6 3/4	4.54 FT
2	DC	2 1/4 x 5 3/4	62.48 FT
22	DC	2 1/4 x 4 3/4	680.39 FT
15	HW	3 1/4 x 3 1/2	460.11 FT
		I.D. x O.D.	FT
		I.D. x O.D.	FT
61	D.P.	STANDS	FT
1	D.P.	SINGLES	664.09 FT
		KELLY DOWN	FT
		TOTAL	7910. FT
		WT. OF DC	38 000 LBS
		WT. OF STRING	155 M LBS

BIT RECORD

BIT NO.	42
SIZE	6 3/4
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	18/15/15
DEPTH OUT	
DEPTH IN	7905
TOTAL FOOTAGE	5
TOTAL HRS. RUN	1 1/2
BIT CONDITION 1/8'S 7/8 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)	
2 TORQUE AT BOTTOM (OF TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME			
WEIGHT			
FUNNEL VIS.-SEC.			
PV / YP	/	/	/
GELS.	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7905	7910	1 1/2	D			40	60	2400		4 1/2				

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

CODE	FROM	TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	8 00	8 15	1/4	RIG SER
6	8 15	12 30	4 1/4	PULL OUT CHANGE BIT + RUN IN
9	12 30	1 30	3/4	SLIP DRILL LINE
6	1 30	2 30	1	RUN IN W/BIT # 42
5	2 30	2 45	1/4	REAM CIRC. + REAM TO BOTTOM 4'
2	2 45	4 00	1 1/4	DRILL 6 3/4" HOLE.

CHANGED CUTTERS PINS & BLOCKS ON NEAR BIT REAMER

DRILLER: Joe Labrut

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	SU	I.D. O.D. 2 x 6 3/4	3.32 FT
1	DC	I.D. O.D. 2 x 6 3/4	6.89 FT
1	SU	I.D. O.D. 2 x 6 3/4	4.67 FT
1	DM	I.D. O.D. 2 x 6 3/4	24.34 FT
1	SU	I.D. O.D. 2 x 6 3/4	4.54 FT
2	DC	2 1/4 x 5 3/4	62.48 FT
22	DC	2 1/4 x 4 3/4	680.39 FT
15	HW	3 1/4 x 3 1/2	460.11 FT
		I.D. x O.D.	FT
		I.D. x O.D.	FT
69	D.P.	STANDS	FT
2	D.P.	SINGLES	6672.41 FT
		KELLY DOWN	14 FT
		TOTAL	7934 FT
		WT. OF DC	38 000 LBS
		WT. OF STRING	156 M LBS

BIT RECORD

BIT NO.	42
SIZE	6 3/4
MFG.	SEC
TYPE	7HC6
SERIAL NO.	91970
JETS 1/32"	18/15/15
DEPTH OUT	
DEPTH IN	7905
TOTAL FOOTAGE	
TOTAL HRS. RUN	9
BIT CONDITION 1/8'S 7/8 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)	5000
2 TORQUE AT BOTTOM (OF TURNS)	1 TURN
3 FILL ON BOTTOM (FEET)	0

MUD RECORD

TIME	4	8	10
WEIGHT	13.7	13.7	13.7
FUNNEL VIS.-SEC.	90	90	85
PV / YP	/	/	/
GELS.	/	/	/
W.L.-C.C.	15.0		
F.C. 1/32"	3		
PH	11.5		
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
PELTEX-100	#		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7910	7934	7 3/4	D			40	60	2100		4 1/2	128	6 1/2 X 6 1/2		Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

CODE	FROM	TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	4 00	4 15	1/4	RIG SER & BOP CHECK
2	4 15	12 00	7 3/4	DRILL 6 3/4" HOLE

R. DASTOUS BHRS TRAVEL FRA 17/72

K. SORAN SAW 8 HRS TRAVEL FRA 20/72

DRILLER: Ed Holland

DAILY DRILLING REPORT

(P-38 (9/70))

WELL NAME: SHELL STE FRANCOISE ROMAINE NO 1

LOCATION: LOT 223-200 RGE II CONTÉ LOT BINOIRE

PROVINCE: QUÉBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: Q. Murphy

CONTRACTOR: REGENT DRILLING LTD

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Hubbard

RIG NO: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE: MONTH	DAY	YEAR
7833	7893	60	1162 1/4	103 (CORRECTED 1141)	2	20	72

SP / DC SIZE	WT / FT	GRADE	MIN I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3 1/2		C	2.602	3 1/4	IF	1	OILWELL	600	8
4 3/4			2 1/4	4 3/4	IF	2	EMSCO	700	16

LAST CASING TUBING OR LINER

SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
7 5/8	29/26	153	6554	17.35	6554		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN	3/4	7 3/4	7 1/4	21 1/4
2	DRILLING ACTUAL				
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS	2			2
7	RIG SERVICE	1/4	1/2	1/4	3/4
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
	BOILER	8	8	8	24

Centrifuge Stable 24hrs

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN		3	4
INTAKE WEIGHT - PPG		13.9	13.9
OVERFLOW WEIGHT - PPG		13.6	13.6
UNDERFLOW WEIGHT - PPG		20.19	
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO	CODE	BIT	FT
1	R3	12 1/4 x 6 3/4	4.62 FT
1	DC	12 1/4 x 6 3/4	6.89 FT
1	SU	12 1/4 x 6 3/4	4.67 FT
1	DM	12 1/4 x 6 3/4	24.88 FT
1	SU	12 1/4 x 6 3/4	4.54 FT
9	DC	12 1/4 x 6 3/4	62.48 FT
24	DU	12 1/4 x 6 3/4	680.39 FT
15	HW	12 1/4 x 6 3/4	460.11 FT
		I.D. x O.D.	FT
		I.D. x O.D.	FT
69	D.P.	STANDS	6577.92
2	D.P.	SINGLES	FT
	KELLY DOWN		23 FT
	TOTAL		7849 FT
	WT. OF DC		38 LBS.
	WT. OF STRING		144 LBS.

BIT RECORD

BIT NO.	41
SIZE	6 3/4
MFG.	SEC
TYPE	M86
SERIAL NO.	322314
JETS 1/32"	18 15 15
DEPTH OUT	
DEPTH IN	7833
TOTAL FOOTAGE	16
TOTAL HRS. RUN	5 3/4
BIT CONDITION 1/8'S T/B | 1/8" GAGE	0 0

HOLE CONDITION

1 HOLE DRAG (1000#)	
2 TORQUE AT BOTTOM (OF TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	3.00	5	7
WEIGHT	13.6	13.6	13.9
FUNNEL VIS. SEC.	58	56	60
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.		13.4	
F.C. 1/32"		3	
PH		12	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
SALT GEL 700#			
BARITE 6100 #			

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7833	7849	5 1/4	D		LIMESTONE DOLAMITE	30/35	35	2440		5"	100			Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	12 00	12 15	1/4	SER RIG
6	12 15	2 15	2	RUN IN
2	2 15	8	5 3/4	DRLG.

D. BROWN WORKED OVER AS THE MAN THAT WAS SUPPOSED TO WORK WAS SNOWED IN & COULDN'T MAKE IT TO WORK. 12 HRS

Driller: Paul Brown

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO	CODE	BIT	FT
1	R3	12 1/4 x 6 3/4	4.67 FT
1	DC	12 1/4 x 6 3/4	6.89 FT
1	SU	12 1/4 x 6 3/4	4.67 FT
1	DM	12 1/4 x 6 3/4	24.88 FT
1	SU	12 1/4 x 6 3/4	4.54 FT
2	DC	12 1/4 x 6 3/4	62.48 FT
22	DU	12 1/4 x 6 3/4	680.39 FT
15	HW	12 1/4 x 6 3/4	460.11 FT
		I.D. x O.D.	FT
		I.D. x O.D.	FT
69	D.P.	STANDS	6609.01
	D.P.	SINGLES	FT
	KELLY DOWN		16 FT
	TOTAL		7873 FT
	WT. OF DC		38 LBS.
	WT. OF STRING		167 LBS.

BIT RECORD

BIT NO.	41
SIZE	6 3/4
MFG.	SEC
TYPE	M88
SERIAL NO.	322314
JETS 1/32"	18 15 15
DEPTH OUT	
DEPTH IN	7833
TOTAL FOOTAGE	40
TOTAL HRS. RUN	13 3/4
BIT CONDITION 1/8'S T/B | 1/8" GAGE	0 0

HOLE CONDITION

1 HOLE DRAG (1000#)	
2 TORQUE AT BOTTOM (OF TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME			
WEIGHT	13.8	13.8	13.9+
FUNNEL VIS. SEC.	65	65	79
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
SALT GEL	1400 #		
BARITE	5760 #		

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7849	7873	7 3/4	D		LIMESTONE	35	35	2440		5"				

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8	8 00	8 15	1/4	RIG SER.
	8 15	4 00	7 3/4	DRILL 6 3/4" HOLE

Driller: Joe Kelat

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO	CODE	BIT	FT
1	R3	12 1/4 x 6 3/4	4.62 FT
1	DC	12 1/4 x 6 3/4	6.89 FT
1	SU	12 1/4 x 6 3/4	4.67 FT
1	DM	12 1/4 x 6 3/4	24.88 FT
1	SU	12 1/4 x 6 3/4	4.54 FT
2	DC	12 1/4 x 6 3/4	62.48 FT
22	DU	12 1/4 x 6 3/4	680.39 FT
15	HW	12 1/4 x 6 3/4	460.11 FT
		I.D. x O.D.	FT
		I.D. x O.D.	FT
69	D.P.	STANDS	6609.01
	D.P.	SINGLES	FT
	KELLY DOWN		36 FT
	TOTAL		7893 FT
	WT. OF DC		38 LBS.
	WT. OF STRING		169 LBS.

BIT RECORD

BIT NO.	41
SIZE	6 3/4
MFG.	SEC
TYPE	M88
SERIAL NO.	322314
JETS 1/32"	18 15 15
DEPTH OUT	
DEPTH IN	7833
TOTAL FOOTAGE	60
TOTAL HRS. RUN	21 1/4
BIT CONDITION 1/8'S T/B | 1/8" GAGE	0 0

HOLE CONDITION

1 HOLE DRAG (1000#)	
2 TORQUE AT BOTTOM (OF TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	4	7	10
WEIGHT	13.8	13.8	13.8
FUNNEL VIS. SEC.	85	85	87
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.		16	
F.C. 1/32"		3/32	
PH		12	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7873	7893	0 3/4	D		LIMESTONE T/ DOLOMITE	35	40	2440		5"	100	5 1/2		Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	4 00	4 15	1/4	RIG SER ✓ BOPS
2	4 15	12 00	7 3/4	DRLG.

Driller: E. Holland

DAILY DRILLING REPORT

WELL NAME: SHELL SEE FRANCOISE ROMAINE NO 1
LOCATION: LOT 723-200 RGE 11 CANTE LOTBINIERE
PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited
SIGNATURE OF OPERATOR'S REPRESENTATIVE: E. MacFarlane
CONTRACTOR: REGENT DRILLING LTD
SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. [illegible]
RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
7784	7833	47	1141	107¼	2	19	72

DP./DC. SIZE	WT./FT.	GRADE	MIN. I.D.	TOOL JT. O.D.	TYPE THREAD
3½	15	G	2.602	4¾	IF
4¾	16		2¼	5¼	II=

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OILWELL	520P	8
2	EMSCO	7000	16

LAST CASING, TUBING OR LINER: SIZE 7 5/8 | WT. AND GR. 29/26 | NO. OF JOINTS 153 | FEET 6559 | RD. TO CSG. HEAD 17.35 | SET AT 6559 | CEMENT USED (SACKS) | REMARKS

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7¾	7½	2¾	18¼
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS			5	5
7	RIG SERVICE	¼	¼	¼	¾
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION	40 PERFORATE				
	41 TUBING TRIPS				
	42 TREATING				
	43 SWABBING				
	44 TESTING				
	45				
60	ABANDON				
70	STANDBY				
	TOTALS	9	9½	5½	24
	HOURS FOR SHELL ACCOUNT				
SHELL EQUIPMENT	BOILER	9	9½	5½	24

Antifreeze Stdby 24hr

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY NO. — CODE — AT END OF TOUR

	BIT		FT.
1	R3	2 x 6/8	4.62 FT.
1	DC	2 x 4 1/4	6.89 FT.
1	SU	2 x 6 3/4	4.67 FT.
1	DM	2 x 4 1/4	24.88 FT.
1	SU	2 x 6 3/4	4.54 FT.
2	DC	6 1/4 x 2 1/4	62.48 FT.
22	DC	6 1/4 x 2 1/4	680.39 FT.
15	HW	4 1/2 x 2 1/4	460.11 FT.
		I.D. x O.D.	FT.
		I.D. x O.D.	FT.
68	D.P. STANDS		6545.84 FT.
1	D.P. SINGLES		FT.
	KELLY DOWN		FT.
	TOTAL		7804 FT.
	WT. OF DC		38 LBS.
	WT. OF STRING		167 LBS.

BIT RECORD

BIT NO.	40
SIZE	6¾
MFG.	SEC
TYPE	M88
SERIAL NO.	340701
JETS 1/32"	18 15 14
DEPTH OUT	
DEPTH IN	7713
TOTAL FOOTAGE	91
TOTAL HRS. RUN	35
BIT CONDITION 1/8'S T/B 1/8" GAGE	0 R I E

HOLE CONDITION

1 HOLE DRAG (1000#)
2 TORQUE AT BOTTOM (DP TURNS)
3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	12	3	6
WEIGHT	14	13.9	13.9
FUNNEL VIS.-SEC	70	75	72
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.	13.0		13.0
F.C. 1/32"	3		3
PH	11.5		11.5
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
WATER	2 GAL	5 HRS.	

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7784	7804	7¾	D		GRANITE LIMESTONE	33	35	2400		5½	100	5½		COMP

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

CODE	FROM	TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	12 00	12 15	¼	SER RIG ✓ BOPS
2	12 15	8 00	7¾	DRLG

DRILLER: Paul Dunn

DAY TOUR

DRILLING ASSEMBLY NO. — CODE — AT END OF TOUR

	BIT		FT.
1	R3	2 x 6/8	4.62 FT.
1	DC	2 x 4 1/4	6.89 FT.
1	SU	2 x 6 3/4	4.67 FT.
1	DM	2 x 4 1/4	24.88 FT.
1	SU	2 x 6 3/4	4.54 FT.
2	DC	6 1/4 x 2 1/4	62.48 FT.
22	DC	6 1/4 x 2 1/4	680.39 FT.
		I.D. x O.D.	FT.
		I.D. x O.D.	FT.
68	D.P. STANDS		FT.
1	D.P. SINGLES		6545.84 FT.
	KELLY DOWN		31 FT.
	TOTAL		7825 FT.
	WT. OF DC		38 000 LBS.
	WT. OF STRING		167 000 LBS.

BIT RECORD

BIT NO.	40
SIZE	6¾
MFG.	SEC
TYPE	M88
SERIAL NO.	340701
JETS 1/32"	18 15 14
DEPTH OUT	
DEPTH IN	7713
TOTAL FOOTAGE	112
TOTAL HRS. RUN	42¾
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)
2 TORQUE AT BOTTOM (DP TURNS)
3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	Hom.		
WEIGHT	13.9	13.9	13.9
FUNNEL VIS.-SEC	72	72	73
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
CAUSTIC	100 #		
MESO	BAGS 100		
5000 # WT MAT			

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7804	7825	7½	D			34	40	2400		5½	100			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

CODE	FROM	TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	8 00	8 15	¼	RIG SER
2	8 15	4 00	7¾	DRILL 6¾" HOLE

DRILLER: Joe Robert

EVENING TOUR

DRILLING ASSEMBLY NO. — CODE — AT END OF TOUR

	BIT		FT.
1	R3	2 x 6/8	4.62 FT.
1	DC	2 x 4 1/4	6.89 FT.
1	SU	2 x 6 3/4	4.67 FT.
1	DM	2 x 4 1/4	24.88 FT.
1	SU	2 x 6 3/4	4.54 FT.
2	DC	6 1/4 x 2 1/4	62.48 FT.
22	DC	6 1/4 x 2 1/4	680.39 FT.
15	HW	4 1/2 x 2 1/4	460.11 FT.
		I.D. x O.D.	FT.
		I.D. x O.D.	FT.
68	D.P. STANDS		6545.84 FT.
1	D.P. SINGLES		FT.
	KELLY DOWN		39 FT.
	TOTAL		7833 FT.
	WT. OF DC		38 000 LBS.
	WT. OF STRING		167 000 LBS.

BIT RECORD

BIT NO.	40
SIZE	6¾
MFG.	M88
TYPE	340701
SERIAL NO.	3
JETS 1/32"	18 15 14
DEPTH OUT	7833
DEPTH IN	7713
TOTAL FOOTAGE	120
TOTAL HRS. RUN	45½
BIT CONDITION 1/8'S T/B 1/8" GAGE	1 5 D

HOLE CONDITION

1 HOLE DRAG (1000#)
2 TORQUE AT BOTTOM (DP TURNS)
3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME			
WEIGHT	13.9	13.9	
FUNNEL VIS.-SEC	72	72	
PV/YP	/	/	/
GELS			
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7825	7833	2¾	D			34	40	2400		5½	100			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

CODE	FROM	TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	4 00	4 15	¼	RIG SER
2	4 15	7 00	2¾	DRILL 6¾" HOLE
6	7 00	12 00	5	BLOW KELLY + PULL OUT + CHANGE BITS + RUN IN

DRILLER: Joe Robert

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE #1

LOCATION: LOT 723-200-REG-11 - CONTE LOTBINIERE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

CONTRACTOR: REGENT DRILLING LTD.

RIG NO.: SIX

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mackenzie

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Hebert

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
7721	7784	63	1122 3/4	10	4	18	72

DP./DC. SIZE	WT./FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3 1/2	15	G	2.602	4 3/4	IF	1	OILWELL	540PT	8
4 3/4-5 1/2	26	-	2 1/4	4 3/4-5 1/2	IF	2	EMSCO	D700	16

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	RD. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7 3/8	29/26	153	6559	17.35	6559		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7 3/4	7 3/4	7 3/4	23 1/4
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS				
7	RIG SERVICE	1/4	1/4	1/4	3/4
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
BOILER ROOM	BOILER	8	8	8	24

Centrifuge Stelby 24hr

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		I.D.		O.D.		FT.
		BIT					
1	R3		2	x	6 3/4		4.63
1	DC		2	x	4 3/4		6.89
1	SU		2	x	6 3/4		4.67
1	DM		2	x	4 3/4		24.88
1	SU		2	x	6 3/4		4.54
2	DC		2 1/4	x	5 3/4		62.48
22	DC		2 1/4	x	4 3/4		680.39
15	HW		3 1/2	x	3 1/2		460.11
			I.D.	x	O.D.		FT.
			I.D.	x	O.D.		FT.
67	D.P.	STANDS					FT.
1	D.P.	SINGLES					6489.81
		KELLY DOWN					41 FT.
		TOTAL					7739 FT.
		WT. OF DC					38 M LBS.
		WT. OF STRING					167 LBS.

BIT RECORD

BIT NO.	40
SIZE	6 3/4
MFG.	SEC
TYPE	M88
SERIAL NO.	340701
JETS 1/32"	18/15/14
DEPTH OUT	
DEPTH IN	7713
TOTAL FOOTAGE	26
TOTAL HRS. RUN	11 3/4
BIT CONDITION 1/8'S T/B 1/8" GAGE	0 1 1/16

HOLE CONDITION

1	HOLE DRAG (1000 #)
2	TORQUE AT BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME	12	2	6
WEIGHT	13.8	13.8	13.9
FUNNEL VIS-SEC	70	72	68
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.	12.6		
F.C. 1/32"	3		
PH	11.5		
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	7000 #		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7721	7739	7 3/4	D		DOLAMITE LIMESTONE	35M	39/40	2400		5X8	100	5 1/2 X 16		COMP

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	12 00	12 15	1/4	RIG SER
2	12 15	8 00	7 3/4	DRILL 6 3/4" HOLE

DRILLER: Ed Holland

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		I.D.		O.D.		FT.
		BIT					
1	R3		2	x	6 3/4		4.62 FT.
1	DC		2	x	4 3/4		6.89 FT.
1	SU		2	x	6 3/4		4.67 FT.
1	DM		2	x	4 3/4		24.88 FT.
1	SU		2	x	6 3/4		4.54 FT.
2	DC		2 1/4	x	5 3/4		62.48 FT.
22	DC		2 1/4	x	4 3/4		680.39 FT.
15	HW		3 1/2	x	3 1/2		460.11 FT.
			I.D.	x	O.D.		FT.
			I.D.	x	O.D.		FT.
67	D.P.	STANDS					6481.81 FT.
XX	D.P.	SINGLES					FT.
		KELLY DOWN					91.00 FT.
		TOTAL					7761 FT.
		WT. OF DC					38 LBS.
		WT. OF STRING					167 LBS.

BIT RECORD

BIT NO.	40
SIZE	6 3/4
MFG.	SEC
TYPE	M88
SERIAL NO.	340701
JETS 1/32"	18/15/14
DEPTH OUT	
DEPTH IN	7713
TOTAL FOOTAGE	48
TOTAL HRS. RUN	19 1/2
BIT CONDITION 1/8'S T/B 1/8" GAGE	0 RLG

HOLE CONDITION

1	HOLE DRAG (1000 #)
2	TORQUE AT BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME	8	11	2
WEIGHT	14.0	14.0	13.9
FUNNEL VIS-SEC	69	69	69
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.	12.0		
F.C. 1/32"	3/32		
PH	11.57		
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7739	7761	7 3/4	D		DOLAMITE LIMESTONE	35M	40	2400		5X8	100	5 1/2 X 9		COMP

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	8 00	8 15	1/4	SER RIG & BOPS
2	8 15	4 00	7 3/4	DRLG

DRILLER: Paul Irving

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		I.D.		O.D.		FT.
		BIT					
1	R3		2	x	6 3/4		4.62 FT.
1	DC		2	x	4 3/4		6.89 FT.
1	SU		2	x	6 3/4		4.67 FT.
1	DM		2	x	4 3/4		24.88 FT.
1	SU		2	x	6 3/4		4.54 FT.
2	DC		2 1/4	x	5 3/4		62.48 FT.
22	DC		2 1/4	x	4 3/4		680.39 FT.
15	HW		3 1/2	x	3 1/2		460.11 FT.
			I.D.	x	O.D.		FT.
			I.D.	x	O.D.		FT.
68	D.P.	STANDS					6513.78 FT.
	D.P.	SINGLES					FT.
		KELLY DOWN					22 FT.
		TOTAL					7784 FT.
		WT. OF DC					38 000 LBS.
		WT. OF STRING					167 000 LBS.

BIT RECORD

BIT NO.	40
SIZE	6 3/4
MFG.	SEC
TYPE	M88
SERIAL NO.	340701
JETS 1/32"	18/15/14
DEPTH OUT	
DEPTH IN	7713
TOTAL FOOTAGE	71
TOTAL HRS. RUN	27 3/4
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)
2	TORQUE AT BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME	6.00	8.00	10.-
WEIGHT	14.-	14.0	14.0
FUNNEL VIS-SEC	69	69	72
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
CAUSTIC	100 #		
MIL-SO BEADS	100 #		
PIPE-LAX	100 #		
POTASH	12.00 #		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7761	7784	7 3/4				30	40	2400		5"	100			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
2	4 00	6 30	2 1/2	DRILL 6 3/4" HOLE
7	6 30	6 45	1/4	RIG SER
2	6 45	12 00	5 1/4	DRILL 6 3/4" HOLE

DRILLER: Joe Kohut

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE #1

LOCATION: LOT 723-200-REG-11 CONTE LOTBINIERE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mattrick

CONTRACTOR: REGENT DRILLING LTD

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Hallam

RIG NO.: SIX

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DAY	YEAR
7678	7721	43	1099½ (1085)	10	4	17	72

DP./DC. SIZE	WT./FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD
3½	15	G	2.60	4¼	IF
4½-5½	16	-	2¼ 2	4¾-5¾	IF

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OIL WELL	560PT	8
2	EMSCO	D700	16

LAST CASING, TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7⅝			6559		6559		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7¾	2¾	4	14½
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS	¾	1¾	3½	6
7	RIG SERVICE	¼	¼	¼	¾
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY	¾			¾
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS			¼	¼
21	CONDITION MUD		1		1
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
POWER FUEL USED	BOILER	8	8	8	24

Centrifuge Shelly 24h

DESILTER PERFORMANCE

	HOURS	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT / DESCRIPTION	FT.
1	R3	BIT 3 x 6⅜	4.63
1	DC	3 x 4¾	6.89
1	SU	3 x 4¾	4.17
1	DM	3 x 4¾	24.88
1	SU	3 x 4¾	4.17
2	DC	2¼ x 5¾	62.48
20	DC	2¼ x 4¾	624.55
15	HW	2¼ x 3½	460.11
		O.D. x O.D.	FT.
		I.D. x O.D.	FT.
67	D.P.	STANDS	FT.
2	D.P.	SINGLES	64.81
		KELLY DOWN	31 FT.
		TOTAL	7704 FT.
		WT. OF DC	35M LBS.
		WT. OF STRING	158M LBS.

BIT RECORD

BIT NO.	39
SIZE	6¾
MFG.	SEC
TYPE	H7V6
SERIAL NO.	911968
JETS 1/32"	18/15/14
DEPTH OUT	
DEPTH IN	7654
TOTAL FOOTAGE	50
TOTAL HRS. RUN	11¾
BIT CONDITION 1/8'S T/B | 1/8" GAGE	0R16

HOLE CONDITION

1. HOLE DRAG (1000#)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME	12	2	6
WEIGHT	13.7	13.7	13.9
FUNNEL VIS.-SEC.	85	88	78
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	9000#		
PELTEX	50#		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7678	7704	7¾	D	10		35M	60	2400		5x8		5½x6		Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	12 00	12 15	¼	RIG SER. & BOP CHECK PIPE RAMS
2	12 15	8 00	7¾	DRILLED 6¾" HOLE

DRILLER: C. Hallam

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT / DESCRIPTION	FT.
1	R3	BIT 3 x 6⅜	4.63 FT.
1	DC	3 x 4¾	6.89 FT.
1	SU	3 x 4¾	4.17 FT.
1	DM	3 x 4¾	24.88 FT.
1	SU	3 x 4¾	4.17 FT.
2	DC	2¼ x 5¾	62.48 FT.
20	DC	2¼ x 4¾	624.55 FT.
15	HW	2¼ x 3½	460.11 FT.
		O.D. x O.D.	FT.
		I.D. x O.D.	FT.
67	D.P.	STANDS	6481.81
4	D.P.	SINGLES	40 FT.
		KELLY DOWN	40 FT.
		TOTAL	7713 FT.
		WT. OF DC	35 LBS.
		WT. OF STRING	158 LBS.

BIT RECORD

BIT NO.	39
SIZE	6¾
MFG.	SEC
TYPE	H7UG
SERIAL NO.	911968
JETS 1/32"	18/15/14
DEPTH OUT	
DEPTH IN	7654
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	8/16

HOLE CONDITION

1. HOLE DRAG (1000#)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME	8	10	
WEIGHT	13.8	13.9	
FUNNEL VIS.-SEC.	98	93	
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.	12/30		
F.C. 1/32"	3/32		
PH	11.5		
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BAR/TE	4000#		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7704	7713	9¾	D	10		35	60	2400		5½	100			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
7675	3°S	65W						

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	8 00	8 15	¼	RIG SER ✓BOPS
2	8 15	11 00	2¾	DRLG
10	11 00	11 45	¾	DROP SURV. BLOW KELLY
6	11 45	3 00	3¼	P.OH.
21	3 00	4 00	1	SER. CORE BRLS

DRILLER: Paul Grant

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT / DESCRIPTION	FT.
1	R3	BIT 3 x 6⅜	4.63 FT.
1	DC	3 x 4¾	6.89 FT.
1	SU	3 x 4¾	4.67 FT.
1	DM	3 x 4¾	24.88 FT.
1	SU	3 x 4¾	4.17 FT.
2	DC	2¼ x 5¾	62.48 FT.
20	DC	2¼ x 4¾	624.55 FT.
15	HW	2¼ x 3½	460.11 FT.
		O.D. x O.D.	FT.
		I.D. x O.D.	FT.
67	D.P.	STANDS	FT.
1	D.P.	SINGLES	44.98
		KELLY DOWN	FT.
		TOTAL	8 FT.
		WT. OF DC	8 LBS.
		WT. OF STRING	167 LBS.

BIT RECORD

BIT NO.	40
SIZE	6¾
MFG.	
TYPE	M88
SERIAL NO.	340701
JETS 1/32"	18/15/14
DEPTH OUT	
DEPTH IN	7713
TOTAL FOOTAGE	8
TOTAL HRS. RUN	4
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1. HOLE DRAG (1000#)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME			10
WEIGHT			13.9
FUNNEL VIS.-SEC.			78
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7713	7721	4				30	35	2400		5"	95			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	4 00	4 15	¼	RIG SER
20	4 15	4 30	¼	STAB BACK CORE BRL.
6	4 30	6 00	3½	RUN IN DC + PICK UP 2 DC. + RUN IN BIT #40
2	6 00	12 00	4	DRILL 6¾" HOLE

DRILLER: Joe Robitaille

CP-38 (9/70)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE #1

LOCATION: LOT 723-200 - REG - 11 CONTE LOTBINIERE | PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited | SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mulhall

CONTRACTOR: REGENT DRILLING LTD | SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Webber

RIG NO.: 51X

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	MONTH	DATE DAY	DATE YEAR
7654	7678	24	1095 (1076)	99	2	16	72

DP / DC. SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3½	15	G	2.602	4¾	IF	1	OILWELL	SLOAT	8
4¾	26	-	2¼	4¾	IF	2	EMSCO	D700	16

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7⅝			6559		6559		

TIME DISTRIBUTION – HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL		14	7¾	21¾
3	HOLE OPENING				
4	CORING				
5	REAM TITAN TO BOTTOM & CIRCULATING	¼		¼	½
6	TRIPS	5	4¼		9¼
7	RIG SERVICE	¼	¼	¼	¾
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST	¾			¾
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
CODE FOR REMARKS SECTION	BOILER	8	8	8	24
	Centrifuge Stddy 24				

DESILTER PERFORMANCE

	HOURS	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT		FT.
		BIT		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		D.P.	STANDS	FT.
		D.P.	SINGLES	FT.
		KELLY DOWN		FT.
		TOTAL		FT.
		WT. OF DC		LBS.
		WT. OF STRING		LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1. HOLE DRAG (1000#)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME	
WEIGHT	
FUNNEL VIS.-SEC.	
PV/YP	
GELS.	
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
										5X8		5½X16		Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
7	12 00	12 15	¼	RIG SER
20	12 15	1 30	1¼	PICK UP TEST TOOL
6	1 30	4 30	3	RUN IN HOLE
20	4 30	5 15	¾	RIG UP TESTING HEAD & BLOW TESTING LINE
16	5 15	6 00	¾	TESTING & BRAKE DOWN TESTING HEAD
6	6 00	8 00	2	PULL OUT OF HOLE
				DST NO. 3 - 7529 - 7654 MISRUN - PACKERS FAILED TO SEAT
				RECOVERED 360 FT. WATER CUSHION
				740 FT. DRG. MUD.

DRILLER: Ed Pollard

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT		FT.
1	R3	1.5 3 x 6	8	463
1	DC	2 x 4	8	689
1	SU	2 x 6	8	417
1	DM	2 x 6	8	2488
1	SU	2 x 6	8	417
2	DC	2¼ x 5½	8	6248
20	DC	2¼ x 5½	8	62455
15	HW	2¼ x 3½	8	46017
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
67	D.P.	STANDS		FT.
1	D.P.	SINGLES	644981	
		KELLY DOWN	14.	FT.
		TOTAL	7657.	FT.
		WT. OF DC		LBS.
		WT. OF STRING	158	

BIT RECORD

BIT NO.	39
SIZE	6¾
MFG.	SEC
TYPE	H7V6
SERIAL NO.	911968
JETS 1/32"	18 18 18
DEPTH OUT	
DEPTH IN	7654
TOTAL FOOTAGE	3
TOTAL HRS. RUN	1¼
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1. HOLE DRAG (1000#)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME	
WEIGHT	
FUNNEL VIS.-SEC.	
PV/YP	
GELS.	
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7654	7657	1¼												

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
	8 00	8 15	¼	RIG SERVICE
	8 15	9 30	1¼	PINCH OUT
	9 30	11 00	1½	LAY DOWN TEST TOOLS
	11 00	11 30	½	PICK UP 2 5¼" COLLARS
	11 30	2 30	3	RUN IN WITH BIT #39
	2 30	2 45	¼	BREAK CIRC
	2 45	4 00	1¼	DRILL 6¾" HOLE

DRILLER: P. Lee

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT		FT.
1	R3	1.5 3 x 6	8	463
1	DC	2 x 4	8	689
1	SU	2 x 6	8	417
1	DM	2 x 6	8	2488
1	SU	2 x 6	8	417
2	DC	2¼ x 5½	8	6248
20	DC	2¼ x 5½	8	62455
15	HW	2¼ x 3½	8	46017
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
67	D.P.	STANDS		FT.
1	D.P.	SINGLES	644981	
		KELLY DOWN	35.00	FT.
		TOTAL	7678	FT.
		WT. OF DC	35	
		WT. OF STRING	158	

BIT RECORD

BIT NO.	39
SIZE	6¾
MFG.	SEC
TYPE	H7V6
SERIAL NO.	911968
JETS 1/32"	18 18 18
DEPTH OUT	
DEPTH IN	7654
TOTAL FOOTAGE	24
TOTAL HRS. RUN	9
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1. HOLE DRAG (1000#)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME	
WEIGHT	
FUNNEL VIS.-SEC.	
PV/YP	
GELS.	
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

POTASH 1,200 #

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
POLYMER 50 # CAUSTIC 100 # METSO 100 # PHPA 100 50 # [illegible] 100 # DELTEX 200 #			

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7657	7678					35	60	22		5	100			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
	4 00	4 15	¼	RIG SER
	4 15	12 00	7¾	DRILL 6¾" HOLE

DRILLER: Joe Robert

DAILY DRILLING REPORT

WELL NAME: SHELL ST FRANCOISE ROMAINE #1

LOCATION: LOT 723-200-REG-11 CONTE LOTBINIERE | PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited | CONTRACTOR: REGENT DRILLING LTD | RIG NO.: 517

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mitchell | SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: [illegible]

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
7619.	7654	35	1039 1/4	98	2	15	72

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3 1/2	15	6	2.602	4 3/4	IF	1	OILWELL	600PT	8
4 3/4	26	-	2 1/4	4 3/4	IF	2	EMSCO	D700	16

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7 5/8			6559		6559		

TIME DISTRIBUTION - HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	3 3/4	4 1/2	3	11 1/4
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING		1 1/2		1 1/2
6	TRIPS	3 1/2	2	4	9 1/2
7	RIG SERVICE	1/4	1/4		1/2
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE		1		1
10	DEVIATION SURVEY	1/2			1/2
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS		8	8	
	HOURS FOR SHELL ACCOUNT				
SHELL EQUIPMENT USED	BOILER		8	8	
	Centrifuge	Shelly	24	6	

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	R3	12 1/4 x 6 3/4	4.63
1	DC	7 x 4 3/4	6.89
1	SU	2 x 6 3/4	4.17
1	DM	x	24.88
1	SU	x	4.17
20	DC	x	624.56
15	HW	x	460.19
		x	FT.
		x	FT.
		x	FT.
67	D.P.	STANDS	FT.
2	D.P.	SINGLES	64.81
	KELLY DOWN		18 FT.
	TOTAL		7629 FT.
	WT. OF DC		30M LBS.
	WT. OF STRING		156M LBS.

BIT RECORD

BIT NO.	37
SIZE	6 3/4
MFG.	SMITH
TYPE	L4HJ
SERIAL NO.	CB681
JETS 1/32"	20/15/14
DEPTH OUT	7629
DEPTH IN	7596
TOTAL FOOTAGE	33
TOTAL HRS. RUN	12
BIT CONDITION 1/8'S T/B | 1/8" GAGE	5/7 | 0

HOLE CONDITION

1. HOLE DRAG (1000#)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME	12	2	4
WEIGHT	13.8	13.8	13.8
FUNNEL VIS.-SEC.	84	80	79
PV/YP	/	/	/
GELS.	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7619	7629	3 3/4	D			70M	60	2100		5x8	100	5 1/2x8		Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
7629	5 S 50W							

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
7	12 00	12 15	1/4	RIG SER & BOP CHECK
2	12 15	4 00	3 3/4	DRILL 6 3/4" HOLE
10	4 00	4 30	1/2	DROP DIRECTIONAL SURVEY
6	4 30	8 00	3 1/2	PULL OUT OF HOLE

DRILLER: Ed Holland

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	R3	12 1/4 x 6 3/4	4.63
1	DC	7 x 4 3/4	6.89
1	SU	2 x 6 3/4	4.17
1	DM	x	24.88
1	SU	x	4.17
20	DC	x	624.55
15	HW	x	460.11
		x	FT.
		x	FT.
		x	FT.
64	D.P.	STANDS	646.18
XX	D.P.	SINGLES	FT.
	KELLY DOWN		32 FT.
	TOTAL		7643 FT.
	WT. OF DC		20 LBS.
	WT. OF STRING		156 LBS.

BIT RECORD

BIT NO.	38
SIZE	6 3/4
MFG.	SEC
TYPE	M4L
SERIAL NO.	349756
JETS 1/32"	18/15/15
DEPTH OUT	
DEPTH IN	7629
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	D | R | 16

HOLE CONDITION

1. HOLE DRAG (1000#)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME	12	2.00	3.00
WEIGHT	14.1	14.00	13.9
FUNNEL VIS.-SEC.	95	82	81
PV/YP	/	/	/
GELS.	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7629		4 1/2	D		Dolomite	35/45	50/60	3000		5	95	6		Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
	8 00	8 15	1/4	SER. RIG & BLIND RAMS
	8 15	10 00	1 3/4	RUN IN WITH BIT 38
	10 00	11 00	1	CUT & SLIP LINE
	11 00	11 30	1/2	FINISH IN
	11 30	4 00	4 1/2	DRLG 6 3/4 HOLE

DRILLER: Paul Gray

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	R3	12 1/4 x 6 3/4	4.63
1	DC	7 x 4 3/4	6.89
1	SU	2 x 6 3/4	4.17
1	DM	x	24.88
1	SU	x	4.17
20	DC	x	624.55
15	HW	x	460.11
		x	FT.
		x	FT.
		x	FT.
68	D.P.	STANDS	651.3.78
	D.P.	SINGLES	
	KELLY DOWN		9.00 FT.
	TOTAL		7654 FT.
	WT. OF DC		30,000 LBS.
	WT. OF STRING		156,000 LBS.

BIT RECORD

BIT NO.	38
SIZE	6 3/4
MFG.	SEC
TYPE	M4L
SERIAL NO.	349756
JETS 1/32"	15/15/15
DEPTH OUT	7654
DEPTH IN	7629
TOTAL FOOTAGE	25
TOTAL HRS. RUN	7 1/2
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1. HOLE DRAG (1000#)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME			
WEIGHT	14+	14.	
FUNNEL VIS.-SEC.	95	95	
PV/YP	/	/	/
GELS.	/	/	/
W.L.-C.C.		18.02	
F.C. 1/32"		3/32	
PH		11.0	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7643	7654	3				30	60	2200		5	100			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
	4 00	7 00	3	DRILL 6 3/4" HOLE
	7 00	8 30	1 1/2	CIRC. TO TEST
	8 30	11 45	3 1/4	PULL OUT TO TEST
	11 45	12 00	1/4	CHECK BLIND RAMS + MOTOR KILL'S O.K.

DRILLER: Joe Schmidt

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE #1
LOCATION: LOT 723-200 - REG-11 CONTE LOTBINIERE
PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited
CONTRACTOR: REGENT DRILLING LTD
RIG NO.: 51A

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
7591.	7619.24	28	1089	97	2	14	72

OP./D.C. SIZE	WT./FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD
3½	15	N-80	2.602	4¾	IF
4¾	24	-	2¼	4¾	IF

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OILWELL	5½ PT	9
2	EMSCO	D700	16

LAST CASING TUBING OR LINER: SIZE 7⅝ | WT. AND GR. | NO. OF JOINTS | FEET 6559 | RB. TO CSG. HEAD | SET AT 6554 | CEMENT USED (SACKS) | REMARKS

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL		12	7¾	8¼
3	HOLE OPENING				
4	CORING	2	6		8
5	REAM, CLEAN TO BOTTOM & CIRCULATING	1			1
6	TRIPS	4¾	3¼		8
7	RIG SERVICE	¼		¼	½
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23	RON JAR	3¼			3¼
24	LAY DOWN CORE	½			½
COMPLETION	40 PERFORATE				
	41 TUBING TRIPS				
	42 TREATING				
	43 SWABBING				
	44 TESTING				
	45				
	60 ABANDON				
	70 STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
CONTRACTOR INFORMATION	BOILER	8	8	8	24

Comments: Cut slipping Skelly 24'

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY — AT END OF TOUR

NO.	CODE	BIT	FT
		CO 8¾ x 5¾	65.15
1		YO DT 6¾	.80
1		EC 6¾	5.93
1		JH 6¾	3.04
15		HW	460.11
19		DC	
67		D.P. STANDS	
1		D.P. SINGLES	644.98
		KELLY DOWN	14
		TOTAL	7596 FT
		WT. OF DC	30 LBS.
		WT. OF STRING	156 LBS.

BIT RECORD

BIT NO.	36
SIZE	6¾
MFG.	
TYPE	D
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	7896
DEPTH IN	7591
TOTAL FOOTAGE	6
TOTAL HRS. RUN	2
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)
2	TORQUE AT BOTTOM (UP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME	4	6
WEIGHT	14.1	14.1
FUNNEL VIS.-SEC.	65	65
PV/YP	/	/
GELS	/	/
W.L.-C.C.		
F.C. 1/32"		
PH		
% OIL		
% SAND		

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7591	7596	2	C	1		6-12	50	2450		6X8	84	6½		Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	12 00	12 15	¼	RIG SER
6	12 15	3 30	3¼	RUN IN HOLE TO CORE
5	3 30	4 30	1	BRAKE CIRC & REAM TO BOTTOM
4	4 30	6 30	2	CUTTING CORE
6	6 30	8 00	1½	PULL OUT OF HOLE

DRILLER: D Holland

DAYTOUR

DRILLING ASSEMBLY — AT END OF TOUR

NO.	CODE	BIT	FT
1	RR	6¾ x 6¾	4.43
1	DC		6.88
1	SU		4.17
1	DM		24.84
1	SU		4.17
20	DC		624.55
15	HW		460.11
67		D.P. STANDS	644.98
1		D.P. SINGLES	
		KELLY DOWN	14
		TOTAL	7547 FT
		WT. OF DC	30 LBS.
		WT. OF STRING	156 LBS.

BIT RECORD

BIT NO.	37
SIZE	6¾
MFG.	SMITH
TYPE	L4HJ
SERIAL NO.	CB501
JETS 1/32"	20 20 18
DEPTH OUT	
DEPTH IN	7596
TOTAL FOOTAGE	1
TOTAL HRS. RUN	½
BIT CONDITION 1/8'S T/B | 1/8" GAGE	DRLG

HOLE CONDITION

1	HOLE DRAG (1000 #)
2	TORQUE AT BOTTOM (UP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME		
WEIGHT		
FUNNEL VIS.-SEC.		
PV/YP	/	/
GELS	/	/
W.L.-C.C.		
F.C. 1/32"		
PH		
% OIL		10
% SAND		tr

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7546	7547	1	D	1	7591-7597 REC 4.4 FT	25	90	220		5	95			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
6	8 00	10 00	2	P.O.H.
4	10 00	10 30	½	LAY DOWN CORE
23	10 30	1 45	3¼	WAIT ON ORDERS
C	1 45	3 30	1¾	RUN IN WITH BIT No 37
2	3 30	4 00	½	DRLG 6¾ HOLE

DRILLER: D Holland

EVENING TOUR

DRILLING ASSEMBLY — AT END OF TOUR

NO.	CODE	BIT	FT
1	RR	6¾ x 6¾	4.63
1	DC		6.89
1	SU		4.17
1	DM		24.88
1	SU		4.17
20	DC		624.55
15	HW		460.11
67		D.P. STANDS	
1		D.P. SINGLES	644.98
		KELLY DOWN	40
		TOTAL	7619.24
		WT. OF DC	30 LBS.
		WT. OF STRING	156 LBS.

BIT RECORD

BIT NO.	37
SIZE	6¾
MFG.	SMITH
TYPE	L4HJ
SERIAL NO.	CB881
JETS 1/32"	20 20 18
DEPTH OUT	
DEPTH IN	7596
TOTAL FOOTAGE	23
TOTAL HRS. RUN	8¼
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)
2	TORQUE AT BOTTOM (UP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME	4 00	4 00	10 00
WEIGHT	13.7	13.8	13.8
FUNNEL VIS.-SEC.	90	69	69
PV/YP	/	/	/
GELS			
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

PELTEX 100 #

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
FLR	100 SO #		
STAYFLOW	50 #		
SALT GEL	3 BOX		
BARITE	6,400 #		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7597	7619	7¼				35	60	2200		5"	100			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	4 00	4 15	¼	RIG SER + BOPS
2	4 15	12 00	7¾	DRILL 6¾" HOLE

DRILLER: Jon Robert

DAILY DRILLING REPORT

CP-38 (8/70)

WELL NAME: SHELL STE FAANCOISE ROUMAINE #1

LOCATION: LOT 723-200 - REG-11 CONTE LOTBINIERE | PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited — SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mulfinch

CONTRACTOR: REGENT DRILLING LTD — SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: [signature] — RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
7591	7591	0	1070½	96	2	13	72

DP / DC SIZE	WT./FT.	GRADE	MIN. I.D.	TOOL JT. O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3½	15	4	2.602	4¾	IF	1	OIL WELL	560PT	8
4½	26	–	2¼	4¾	IF	2	EMSCO	D700	16

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	RB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7⅝	29/26	153	6559	17.35	6559		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING			13½	13½
6	TRIPS			4	4
7	RIG SERVICE			½	½
8	RIG REPAIR	8	8		16
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS			2	2
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
CONTRACTOR INFORMATION	BOILER	8	8	8	24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

CUBE HYDRIL PRES 17K
250 PSI ON CASING BLEED
CASING HOLE STAYED 17K

MORNING TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

	BIT	FT.
1	5I 8½	
1	OC 8½	
1	5I 8½	
1	109 8½	
1	5I 8½	
20	OC 7⅞	
15	HW 7⅞ x 3½	
	I.D. x O.D.	
	I.D. x O.D.	
	I.D. x O.D.	
67	D.P. STANDS	6449
1	D.P. SINGLES	
	KELLY DOWN	12
	TOTAL	7591
	WT. OF DC	LBS.
	WT. OF STRING	LBS.

BIT RECORD

BIT NO.	35
SIZE	6¾
MFG.	SEC
TYPE	M44
SERIAL NO.	354923
JETS 1/32"	14/16/16
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8"S T/B 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)
2 TORQUE AT BOTTOM (DP TURNS)
3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	12	4	6
WEIGHT	13.6	14.0	14.1
FUNNEL VIS.-SEC	73	73	75
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.	17.5		
F.C. 1/32"	3		
PH	10.5		
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE - 7500#			

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
								1200		5½	70	5½		Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
8	12.00	2.00	2.	WELDING CROWN BEAMS
	2.00	8.00	6	REPLACE CROWN BEAMS & CHUS

DRILLER: Ed Halland

DAY TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

	BIT	FT.
1	5I 8½	
1	OC 8½	
1	5I 8½	
1	DW 8½	
1	4I 8½	
20	RI 7⅞	
15	HW 7⅞ x 3½	
	I.D. x O.D.	
	I.D. x O.D.	
	I.D. x O.D.	
67	D.P. STANDS	6449
1	D.P. SINGLES	
	KELLY DOWN	12
	TOTAL	7591
	WT. OF DC	30 LBS.
	WT. OF STRING	155 LBS.

BIT RECORD

BIT NO.	35
SIZE	6¾
MFG.	SEC
TYPE	M44
SERIAL NO.	354923
JETS 1/32"	14/16/16
DEPTH OUT	7514
DEPTH IN	7591
TOTAL FOOTAGE	60
TOTAL HRS. RUN	14
BIT CONDITION 1/8"S T/B 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)
2 TORQUE AT BOTTOM (DP TURNS)
3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	10
WEIGHT	14.1
FUNNEL VIS.-SEC	74
PV/YP	/
GELS	/
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
	8.00	10.00	2	FINISH TIGHTEN CHUCS + CROWN
	10.00	10.30	½	RAISE DERRICK
	10.30	5.00	4½	RIGUP FLOOR + PUMPS
	3.00	4.00	1	PICK UP ORGINAL STRING (36 SINGLE) PICK UP KELLY

DRILLER: Paul Gray

EVENING TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

	BIT	FT.
1	CA 8½ x 3½	65.15
	I.D. x O.D.	
	I.D. x O.D.	
	I.D. x O.D.	
	I.D. x O.D.	
	I.D. x O.D.	
	I.D. x O.D.	
	I.D. x O.D.	
	I.D. x O.D.	
	I.D. x O.D.	
	D.P. STANDS	
	D.P. SINGLES	
	KELLY DOWN	
	TOTAL	
	WT. OF DC	LBS.
	WT. OF STRING	LBS.

BIT RECORD

BIT NO.	36
SIZE	6¾ x 3½
MFG.	
TYPE	◇ 100480
SERIAL NO.	EC9711
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8"S T/B 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)
2 TORQUE AT BOTTOM (DP TURNS)
3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME			
WEIGHT			
FUNNEL VIS.-SEC			
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
7	4.00	4.15	¼	RIG SER
5	4.15	6.00	1¾	CIRC BTM
6	6.00	10.00	4	PULL OUT TO CORE + MAKE SURE OUT
20	10.00	12.00	2	PICK UP CORE BBL + RUN IN

DRILLER: Jack Kobat

DAILY DRILLING REPORT

C-38 (9/70)

WELL NAME: SHELL STE FRANCOISE ROMAINE #1

LOCATION: LOT 723-200-REG-11 CONTE IBERVILLE QUEBEC — PROVINCE

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: C. Mac Frik

CONTRACTOR: REGENT DRILLING LTD

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Hallorand

RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE: MONTH	DAY	YEAR
7591	7591	0	1070½	95	2	12	72

DP / DC. SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD
3½	15	G	2.602	4¾	IF
4½	26	-	2¼	4¾	IF

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OILWELL	GLOPT	8
2	EMSCO	D700	16

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)
	7⅝	29/26	153	6559	17.35	6559	

REMARKS:

TIME DISTRIBUTION — HOURS

LINE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS				
7	RIG SERVICE				
8	RIG REPAIR	8	8	8	24
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	16	8	8	24
	HOURS FOR SHELL ACCOUNT				
BOILER HOURS	BOILER	8	8	8	24

Centrifuge Shelly Mud

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT		FT.
1	S1 2 x (6 3/32)	3.78
1	OC 3 x 4 3/4	6.54
1	S1 2 x 6 3/32	3.32
1	OM 3 x 4 3/4	24.88
1	S1 2 x 4 3/32	4.62
20	OC 3 1/4 x 4 3/4	624.58
15	HW 2 1/4 x 3 3/8	460.11
	I.D. x O.D.	
	I.D. x O.D.	
	I.D. x O.D.	
55	D.P. STANDS	
8	D.P. SINGLES	529.7
	KELLY DOWN	
	TOTAL	6425
W.T. OF DC		LBS.
W.T. OF STRING		LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1. HOLE DRAG (1000 #)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME	1.	4.	6.
WEIGHT	13.6	13.6	13.7
FUNNEL VIS.-SEC.	75	75	72
PV / YP	/	/	/
GELS.	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	HOT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
								1100		5½	65			

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
	12 00	12 30	½	TIGHTEN BELTS ON #1 PUMP & BRAKE CIRC.
	12 30			REMOVE CROWN FROM DERRICK TO
		7 00	6½	REPAIR BROKEN BEAMS
	7 00	8 00	1.	CUT BROKEN BEAMS FROM CROWN

DRILLER: Ed Ballond.

DAY TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT		FT.
1	S1 2 x	3.78 FT.
1	OC 3 x	6.54 FT.
1	S1 2 x	3.32 FT.
1	OM 3 x	24.88 FT.
1	S1 2 x	4.62 FT.
20	OC 3 1/4 x	624.58 FT.
15	HW 2 1/4 x	460.11 FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
55	D.P. STANDS	FT.
8	D.P. SINGLES	529.7 FT.
	KELLY DOWN	FT.
	TOTAL	6425 FT.
W.T. OF DC		LBS.
W.T. OF STRING		LBS.

BIT RECORD

BIT NO.	3.5
SIZE	7 3/4
MFG.	SEC
TYPE	M44C
SERIAL NO.	551973
JETS 1/32"	13 13 16
DEPTH OUT	
DEPTH IN	7541
TOTAL FOOTAGE	50
TOTAL HRS. RUN	16
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1. HOLE DRAG (1000 #)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME	8	12	4
WEIGHT	13.9	14.0	14.1
FUNNEL VIS.-SEC.	75	75	75
PV / YP	/	/	/
GELS.	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	HOT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
	7591													

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
8	8 00	4 00	8	REPAIR CROWN
				CIRC HOLE 1200 PSI

DRILLER: Paul Gray

EVENING TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT		FT.
1	S1 2 x (6 3/32)	3.78
1	OC 3 x 4 3/4	6.54
1	S1 2 x (6 3/32)	3.32
1	OM 3 x 4 3/4	24.88
1	S1 2 x 4 3/32	4.62
20	OC 3 1/4 x 4 3/4	624.58
15	HW 2 1/4 x 3 3/8	460.11
	I.D. x O.D.	
	I.D. x O.D.	
	I.D. x O.D.	
55	D.P. STANDS	
2	D.P. SINGLES	529.7
	KELLY DOWN	
	TOTAL	6425
W.T. OF DC		LBS.
W.T. OF STRING		LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1. HOLE DRAG (1000 #)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME	6	8	10
WEIGHT	13.8	13.7	13.7
FUNNEL VIS.-SEC.	72	75	75
PV / YP	/	/	/
GELS.	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	HOT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
	7591							1200		5½	64	6½	64	Comp

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
4	4 00	12	8	REPAIR CROWN & REPLACE BEAMS UNDER CROWN
				CIRC HOLE

DRILLER: Ed Ballond.

CP-38 (9/70)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE #1

LOCATION: LOT 723-200 RIGHT-CONTE LOTGNIERE

PROVINCE: QUEBEC

1070½

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R Murphy

CONTRACTOR: REGENT DRILLING LTD.

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: T. Hibbert

RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
7591	7591	0	1070½	94	2	11	72

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
7⅝	15	6	2.602	4 3/4	IF	1	OILWELL	560P	8¼
4½	26		2.34	4 3/4	IF	2	EMSCO	D700	14"

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7⅝	29/26	153	6559	17.35	6559		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	HOLE OPENING				
4	CORING				
5	REAM / CLEAN OUT BRIDGES				
6	TRIPS				
7	RIG SERVICE				
8	RIG REPAIR	8	8		8
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
	BOILER	8	8	8	

Ck Kelly Shelly 24hr

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT	FT.
1 S1 12¼ x 8/32	3.78
1 DC 12¼	6.84
1 S1 12¼ x 8/32	3.32
1 DM 12¼	24.88
1 S1 12¼ x 8/32	4.62
20 DC 12¼	624.55
15 HW 12¼	460.11
D.P. STANDS	FT.
D.P. SINGLES	FT.
KELLY DOWN	FT.
TOTAL	FT.
WT. OF DC	LBS.
WT. OF STRING	LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	142	16.2	4.1
WEIGHT			
FUNNEL VIS. SEC.	92	91	94
PV/YP	/	/	/
GELS.	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	15⁰⁰	8⁰⁰	8	Rig UP SCAFOLD UNDER WATER TABLE ON CROWN & WELD CRACKED BEAMS

DRILLER: Joe Robert

MUD RECORD

TIME	8	12	2
WEIGHT	14.1	13.9	14.
FUNNEL VIS. SEC.	65	80	88
PV/YP	/	/	/
GELS.	/	/	/
W.L.-C.C.	17.2		
F.C. 1/32"	3		
PH	11.0		
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

DAY TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT	FT.
1 S1 12¼ x 8/32	3.78
1 DC 12¼	6.84
1 S1 12¼ x 8/32	3.32
1 DM 12¼	24.88
1 S1 12¼ x 8/32	4.62
20 DC 12¼	624.55
15 HW 12¼	460.11
D.P. STANDS	FT.
D.P. SINGLES	FT.
KELLY DOWN	FT.
TOTAL	FT.
WT. OF DC	LBS.
WT. OF STRING	LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

FOOTAGE

FROM	TO	HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8	8⁰⁰			REINFORCE CROWN BEAMS WITH 4" ANGLE
		3¹⁵	7¼	IRON & ¾" FLAT IRON FOR GUSSETTS
8	3¹⁵	4⁰⁰	¾	REMOVE WELDING EQUIP. & SCAFOLD FROM CROWN

DRILLER: Ed Holland

MUD RECORD

TIME			
WEIGHT			
FUNNEL VIS. SEC.			
PV/YP	/	/	/
GELS.	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

EVENING TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT	FT.
1 S1 12¼ x 8/32	3.78
1 DC 12¼	6.84
1 S1 12¼ x 8/32	3.32
1 DM 12¼	24.88
1 S1 12¼ x 8/32	4.62
20 DC 12¼	624.55
15 HW 12¼	460.11
D.P. STANDS	5297 FT.
D.P. SINGLES	FT.
KELLY DOWN	FT.
TOTAL	6425 FT.
WT. OF DC	LBS.
WT. OF STRING	LBS.

BIT RECORD

BIT NO.	35
SIZE	6¾
MFG.	SEC
TYPE	M4C
SERIAL NO.	359523
JETS 1/32"	RRRRR
DEPTH OUT	7441
DEPTH IN	5297
TOTAL FOOTAGE	16
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

FOOTAGE

FROM	TO	HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
	7591													

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	4	6	1	LAY DOWN 36 JOINTS
	6	7	3	RUN IN
	7	[illegible]	[illegible]	TEAR OUT FLOOR TO LAY DOWN DERRICK
	[illegible]	12⁰	[illegible]	LAY DOWN DERRICK

DRILLER: P Bly

DAILY DRILLING REPORT

CP 30 (9/70)

WELL NAME: SHELL STE FRANCOISE ROMAINE #1

LOCATION:

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Murphy

CONTRACTOR: REKENT DRILLING LTD.

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: [illegible]

RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
7552	7591	39	1057 1/2	93	2	10	72

DP./DC. SIZE	WT./FT.	GRADE	MIN. I.D.	TOOL JT. O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3 1/2	15	E	2.602	4 3/4	I.F.	1	OILWELL	560P	8"
4 3/4	24	-	2 1/4	4 3/4	I.F.	2	EMSCO	D700	16"

LAST CASING, TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	SET AT	CEMENT USED (SACKS)	REMARKS
	7 5/8	29 26	153	6559	6559		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7 1/2	5 1/4		12 3/4
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATION		1 1/4		1 1/4
6	TRIPS		1 1/4	1	2 1/4
7	RIG SERVICE	1/4	1/4		1/2
8	RIG REPAIR			7	7
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS		8 1/4	8	24
	HOURS FOR SHELL ACCOUNT				
POWER & MISC. EQUIPMENT	BOILER	8	8	8	24
	Centrifuge Shelly 24hr				

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT		FT.
1	S1	I.D. 2	6 3/4	3.78 FT.
1	DC	I.D. 2 1/2	4 3/4	6.84 FT.
1	S1	I.D. 2 1/2	3 3/4	3.32 FT.
1	DM	I.D. 2 1/2	4 3/4	24.48 FT.
1	S1	I.D. 2 1/2	6 3/4	4.62 FT.
20	DC	I.D. 2 1/4	4 3/4	624.55 FT.
15	HW	I.D. 2 1/4	3 1/2	460.11 FT.
		I.D. X	O.D.	FT.
		I.D. X	O.D.	FT.
		I.D. X	O.D.	FT.
67	D.P.	STANDS		6417.77 FT.
	D.P.	SINGLES		FT.
	KELLY DOWN			31 FT.
	TOTAL			7576 FT.
W.T. OF DC				70 000 LBS.
W.T. OF STRING				158 000 LBS.

BIT RECORD

BIT NO.	35
SIZE	6 3/4
MFG.	SEC
TYPE	M44
SERIAL NO.	351923
JETS 1/32"	16 16 18
DEPTH OUT	
DEPTH IN	7541
TOTAL FOOTAGE	
TOTAL HRS. RUN	10 3/4
BIT CONDITION 1/8'S T/B|1/8" GAGE	

HOLE CONDITION

1. HOLE DRAG (1000#)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME	14.	14.	14.
WEIGHT			
FUNNEL VIS.-SEC.	75	75	75
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RN-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7552	7576	7 3/4	D	1		35	65							

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	12 00	12 15	1/4	RIG SER
2	12 15	8 00	7 3/4	DRILL 6 3/4" HOLE

DRILLER: Rob Robert

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT		FT.
1	S1	I.D. 2	6 3/4	3.78 FT.
1	DC	I.D. 2	4 3/4	6.84 FT.
1	S1	I.D. 2	3 3/4	3.32 FT.
1	DM	I.D. 2	4 3/4	24.88 FT.
1	S1	I.D. 2	6 3/4	4.62 FT.
20	DC	I.D. 2 1/4	4 3/4	624.55 FT.
15	HW	I.D. 2 1/4	3 1/2	460.11 FT.
		I.D. X	O.D.	FT.
		I.D. X	O.D.	FT.
		I.D. X	O.D.	FT.
67	D.P.	STANDS		FT.
1	D.P.	SINGLES		6449.41 FT.
	KELLY DOWN			12 FT.
	TOTAL			7591 FT.
W.T. OF DC				70M LBS.
W.T. OF STRING				158M LBS.

BIT RECORD

BIT NO.	35
SIZE	6 3/4
MFG.	SEC
TYPE	M44
SERIAL NO.	351923
JETS 1/32"	16 16 16
DEPTH OUT	7591
DEPTH IN	7541
TOTAL FOOTAGE	50
TOTAL HRS. RUN	15 1/2
BIT CONDITION 1/8'S T/B|1/8" GAGE	

HOLE CONDITION

1. HOLE DRAG (1000#)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME	8	12	2
WEIGHT	13.7	13.8	13.8
FUNNEL VIS.-SEC.	70	72	66
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.	17.2		
F.C. 1/32"	3		
PH	11.5		
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	200#		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RN-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7576	7591	5 1/4	D			35	44/52	2100		5 1/2	100	6 1/2	116	Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	8 00	8 15	1/4	RIG SER & BOP CHECK
2	8 15	1 30	5 1/4	DRILL 6 3/4" HOLE
5	1 30	2 45	1 1/4	CIRC. SAMPLE 7590' + 7591'
6	2 45	4 00	1 1/4	BLOW KELLY & PULL OUT OF HOLE

DRILLER: Ed Holland

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT		FT.
1	S1	I.D. 2	6 3/4	3.78 FT.
1	DC	I.D. 2	4 3/4	6.84 FT.
1	S1	I.D. 2	3 3/4	3.32 FT.
1	DM	I.D. 2	4 3/4	24.88 FT.
1	S1	I.D. 2	6 3/4	4.62 FT.
20	DC	I.D. 2 1/4	4 3/4	624.55 FT.
15	HW	I.D. 2 1/4	3 1/2	460.11 FT.
		I.D. X	O.D.	FT.
		I.D. X	O.D.	FT.
		I.D. X	O.D.	FT.
67	D.P.	STANDS		6449.41 FT.
1	D.P.	SINGLES		FT.
	KELLY DOWN			12 FT.
	TOTAL			7591 FT.
W.T. OF DC				70M LBS.
W.T. OF STRING				158M LBS.

BIT RECORD

BIT NO.	35
SIZE	6 3/4
MFG.	SEC
TYPE	M44
SERIAL NO.	351923
JETS 1/32"	16 16 16
DEPTH OUT	7591
DEPTH IN	7541
TOTAL FOOTAGE	50
TOTAL HRS. RUN	15 1/2
BIT CONDITION 1/8'S T/B|1/8" GAGE	

HOLE CONDITION

1. HOLE DRAG (1000#)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME	7	9	11
WEIGHT	13.9	13.8	13.7
FUNNEL VIS.-SEC.	75	75	75
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RN-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
	7591													

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
1	4 00	5 00	1	R.O.H.
8	5	12	7	PULLED IN TO CROWN REPAIR KL

DRILLER: [signature]

DAILY DRILLING REPORT

F-38 (8/70)

WELL NAME: SHELL STE FRANCOISE ROMAINE NO 1

LOCATION: LOT 723-200 RGE II CANTON LOTBINIERE

PROVINCE: QUEBEC

1040½

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: Q. Mayerik

CONTRACTOR: REGENT DRILLING

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: G. Hilborn

RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
7488	7552	64	1857½	92	2	9	72

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT. O.D.	TYPE THREAD
3½	15.5	G	2.602	4 5/8	IF
4½	16.6		3¼	6 3/8	IF

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OILWELL	5 CDP	8"
2	EMSCO	D700	16"

LAST CASING TUBING OR LINER

SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
7⅝	29 26	153	6559	1735	6559		

TIME DISTRIBUTION — HOURS

CODE	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7¾	6¼	3½	17
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN OUT BOTTOM & CIRCULATING			¼	¼
6	TRIPS		½	4	4½
7	RIG SERVICE	¼	¼	¼	¾
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE			1	1
10	DEVIATION SURVEY		½		½
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
CODE FOR ADDITIONAL INFORMATION	BOILER	4	8	4	24
	Centrifuge Stddy				24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		FT.
		BIT	
1	SI	12¼ x 6 32/32	3.78
1	DC	12 x 2¾	6.84
1	SI	12 x 6 32/32	3.32
1	DM	12 x 2¾	24.88
1	SI	12 x 6 32/32	46.21
20	DC	6¼ x 2¾	624.55
15	HW	6¼ x 3½	460.11
		I.D. x O.D.	
		I.D. x O.D.	
		I.D. x O.D.	
66	D.P.	STANDS	
1	D.P.	SINGLES	6354.05
		KELLY DOWN	39
		TOTAL	7521 FT.
		WT. OF DC	30M LBS.
		WT. OF STRING	150M LBS.

BIT RECORD

BIT NO.	34
SIZE	6¾
MFG.	SEC
TYPE	M4N
SERIAL NO.	358813
JETS 1/32"	16/16/16
DEPTH OUT	
DEPTH IN	7475
TOTAL FOOTAGE	46
TOTAL HRS. RUN	9½
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000#)	
2	TORQUE AT BOTTOM (DP TURNS)	
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	2	9	6
WEIGHT	13.8	13.9	13.9
FUNNEL VIS.-SEC.	80	80	80
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.	16		
F.C. 1/32"	2/32		
PH	11.5		
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE — MORNING TOUR

FROM	TO	ROT. HOURS	DR-D BM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7488		7¾				30	70	2100		5"	100			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS — MORNING TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	12 00	12 15	¼	RIG SER
	12 15	8 00	7¾	DRILL 6¾" HOLE
				M. McCLOUGHLIN 8 HRS TRAVEL

DRILLER: [illegible]

FOOTAGE — DAY TOUR

FROM	TO	ROT. HOURS	DR-D BM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7521	7541	6¾	D	0	LIME STONE (HARD)	25M	65	2050		5X8	100	6X16"		COMP

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS — DAY TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	8 00	8 15	¼	RIG SER. + BOP CHECK
2	8 15	3 00	6¾	DRILL 6¾" HOLE
	3 00	3 30	½	DIRECTIONAL SURVEY + BLOW KELLY
6	3 30	4 00	½	PULL OUT OF HOLE

DRILLER: Ed Holland

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		FT.
		BIT	
1	SI	12¼ x 6 32/32	3.78
1	DC	12 x 2¾	6.84
1	SI	12 x 6 32/32	3.32
1	DM	12 x 2¾	24.88
1	SI	12 x 6 32/32	46.21
20	DC	6¼ x 2¾	624.55
15	HW	6¼ x 3½	460.11
		I.D. x O.D.	
		I.D. x O.D.	
		I.D. x O.D.	
66	D.P.	STANDS	
2	D.P.	SINGLES	638.56
		KELLY DOWN	27.
		TOTAL	7541 FT.
		WT. OF DC	30M LBS.
		WT. OF STRING	155M LBS.

BIT RECORD

BIT NO.	34
SIZE	6¾
MFG.	SEC
TYPE	M4N
SERIAL NO.	358813
JETS 1/32"	16/16/16
DEPTH OUT	7541
DEPTH IN	7475
TOTAL FOOTAGE	66
TOTAL HRS. RUN	16¼
BIT CONDITION 1/8'S T/B | 1/8" GAGE	5 3 I

HOLE CONDITION

1	HOLE DRAG (1000#)	5
2	TORQUE AT BOTTOM (DP TURNS)	
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	8	12	2
WEIGHT	13.7	13.8	13.8
FUNNEL VIS.-SEC.	85	70	75
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.	15.8		
F.C. 1/32"	3		
PH	11.5		
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
PELTEX-50#			
DARRESS 50#			

FOOTAGE — EVENING TOUR

FROM	TO	ROT. HOURS	DR-D BM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7541	7552	2½	D	0	LIME STONE	30	55	2050		5X8				

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
7515	3½	S 82° W						

DETAILS OF OPERATION IN SEQUENCE AND REMARKS — EVENING TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
6	4 00	6 00	2	P.O.H.
7	6 00	6 15	¼	CLOSE BLIND RAMS B&R. RIG.
6	6 15	8 00	1¾	RUN IN W/BIT NO 35
9	8 00	9 00	1	SLIP 40' LINE
6	9 00	9 15	¼	FINISH IN
6	9 15	9 30	¼	WASH 10' TO BOTTOM. NO FILL.
2	9 30	12	2½	DRLG

DRILLER: Paul Gray

DAILY DRILLING REPORT

(P-30) (9/72)

WELL NAME: SHELL STE FRANCOIS ROMAINE NO 1

LOCATION: LOT 773-200 RGE II CANTON LOTBINIÈRE

PROVINCE: QUEBEC

1024½

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mackenzie

CONTRACTOR: REGENT DRILLING LTD

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: Ed Hubbard

RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
7405	7486	80	1040½	91	2	8	72

OP. / DC. SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT. O.D.	TYPE THREAD
3½	15	G			IF
4¾					IF

PUMP NO.

PUMP MANUFACTURER: OILWELL / EMSCO

TYPE	STROKE LENGTH
GDP	8
7000	16

LAST CASING TUBING OR LINER

SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT USED (SACKS)
7⅝	29/30	153	6554	17.35	6589	

REMARKS

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7¾	6¾	1¾	16¼
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING			1½	1½
6	TRIPS		½	5¼	5¾
7	RIG SERVICE	¼	¼		
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY		½		½
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.			½	½
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
	BOILER	8	8	8	

Centrifuge Shelly Mtn

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

CHANGE STAB 7⅝ 3¼ DRL SCH 4¾ REAM RUNS (2000 PSI)

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT / STANDS / SINGLES / KELLY DOWN / TOTAL	FT.
1	SI	7⅞ 2 x 6 32	3.78
1	DC	7⅞ 2 x 4 32	6.84
1	SI	7⅞ 2 x 6 32	3.32
1	DM	7⅞ 2 x 4 32	24.88
1	SI	7⅞ 2 x 6 32	4.62
20	DC	6¼ 2¼ x 4 32	624.55
15	HW	6¼ 2¼ x 3½	460.17
		I.D. O.D. X	FT.
		I.D. O.D. X	FT.
		I.D. O.D. X	FT.
85	D.P.	STANDS	6240.27
2	D.P.	SINGLES	
		KELLY DOWN	27.00
		TOTAL	7445 FT.
		WT. OF DC	30 000 LBS.
		WT. OF STRING	150 000 LBS.

BIT RECORD

BIT NO.	33
SIZE	6¾
MFG.	SEC
TYPE	M4N
SERIAL NO.	359088
JETS 1/32"	16 16 16
DEPTH OUT	
DEPTH IN	7345
TOTAL FOOTAGE	100
TOTAL HRS. RUN	20
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000#)
2	TORQUE AT BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME	12	2 PM	6 PM
WEIGHT	14.0	14.0	14.0
FUNNEL VIS.-SEC.	58	62	62
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7405	7445	7¾			SHALE	25	65	2100		5"	99			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DAY TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	12 00	12 15	¼	RIG SER
	12 15	4 00	7¾	DRILL 6¾" HOLE

DRILLER: Joe Kobak

MUD RECORD

TIME	8	12	2
WEIGHT	13.8	13.7+	
FUNNEL VIS.-SEC.	71	65	
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.	16.6		
F.C. 1/32"	3		
PH	10.5		
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
CAUSTIC	100#		
METO BEADS	100#		

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT / STANDS / SINGLES / KELLY DOWN / TOTAL	FT.
1	SI	7⅞ 2 x 6 32	3.78
1	DC	7⅞ 2 x 4 32	6.84
1	SI	7⅞ 2 x 6 32	3.32
1	DM	7⅞ 2 x 4 32	24.88
1	SI	7⅞ 2 x 6 32	4.62
20	DC	6¼ 2¼ x 4 32	624.55
15	HW	6¼ 2¼ x 3½	460.17
		I.D. O.D. X	FT.
		I.D. O.D. X	FT.
		I.D. O.D. X	FT.
66	D.P.	STANDS	6321.97
	D.P.	SINGLES	
		KELLY DOWN	25
		TOTAL	7275.07
		WT. OF DC	30 M LBS.
		WT. OF STRING	154 M LBS.

BIT RECORD

BIT NO.	33
SIZE	6¾
MFG.	SEC
TYPE	M4N
SERIAL NO.	359088
JETS 1/32"	16 16 16
DEPTH OUT	7475
DEPTH IN	7345
TOTAL FOOTAGE	130
TOTAL HRS. RUN	26½
BIT CONDITION 1/8'S T/B 1/8" GAGE	4 3 6

HOLE CONDITION

1	HOLE DRAG (1000#)
2	TORQUE AT BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7445	7475	6¾	D		SHALE	35M	75	2150		5X8	100	6X16		CONV

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DAY TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	8 00	8 15	¼	RIG SER & BOP CHECK
2	8 15	3 00	6¾	DRILL 6¾ HOLE
10	3 00	3 30	½	DIRECTIONAL SURVEY & BLOW KELLY MISS RUN
6	3 30	4 00	½	PULL OUT OF HOLE

DRILLER: Ed Hubbard

MUD RECORD

TIME	10 PM		
WEIGHT	13.3		
FUNNEL VIS.-SEC.	110		
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	3000#		

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT / STANDS / SINGLES / KELLY DOWN / TOTAL	FT.
1	SI	7⅞ 2 x 6 32	3.78
1	DC	7⅞ 2 x 4 32	6.84
1	SI	7⅞ 2 x 6 32	3.32
1	DM	7⅞ 2 x 4 32	24.88
1	SI	7⅞ 2 x 6 32	4.62
20	DC	6¼ 2¼ x 4 32	624.55
15	HW	6¼ 2¼ x 3½	460.17
		I.D. O.D. X	FT.
		I.D. O.D. X	FT.
		I.D. O.D. X	FT.
66	D.P.	STANDS	6321.97
	D.P.	SINGLES	
		KELLY DOWN	26
		TOTAL	7475 FT.
		WT. OF DC	30 LBS.
		WT. OF STRING	155 LBS.

BIT RECORD

BIT NO.	34
SIZE	6¾
MFG.	SEC
TYPE	M4N
SERIAL NO.	358813
JETS 1/32"	8 16 16
DEPTH OUT	
DEPTH IN	7475
TOTAL FOOTAGE	13
TOTAL HRS. RUN	1¾
BIT CONDITION 1/8'S T/B 1/8" GAGE	DRLG

HOLE CONDITION

1	HOLE DRAG (1000#)
2	TORQUE AT BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7475	7486	1¾	D		SHALE	25/30	60/70	700		5	56			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

EVENING TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
6	4 00	7 00	3	P.O.H.
15	7 00	7 30	½	CLOSE PIPE RAMS 2000 PSI CHANGE BIT
6	7 30	9 45	2¼	RUN IN WITH BIT NO 34
5	9 45	10 15	½	WASH 25 FT TO BOTTOM
2	10 15	12 00	1¾	DRLG

DRILLER: Paul Gray

CP-30 (9/70)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISIE ROMAINVI #1

LOCATION: LOT 723-200 RIEL-11 CONTIC LOTS

PROVINCE: QUEBEC

1008

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mac Hersh

CONTRACTOR: REGENT DRILLING LTD.

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Hibbard

RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
7324	7408	84	1024¾	90	2	7	72

	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
LAST CASING TUBING OR LINER	7 3/4	29/26	153	6559	17.36	6559		

DP / DC SIZE	WT. / FT.	GRADE	WEB I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3 1/2	16	E			IF	1	OILWELL	560#	8"
4 1/2		E			IF	2	EMSCO	D700	16"

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	4	4½	7¾	16¼
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING		¼		¼
6	TRIPS	3	2¾		5¾
7	RIG SERVICE	¼	¼	¼	¾
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY	¾			¾
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.		¼	¼	½
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
	BOILER	8	8	8	24

Centrifuge Stab 24 hr

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

CHRIST STAB 18 ½

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	S1	7 7/8 x 3/3	3.78
1	DC	7 7/8 x 2 1/4	6.84
1	S1	7 7/8 x 2 1/4	3.32
1	DM	7 7/8 x 2 1/4	24.88
1	S1	7 7/8 x 2 1/4	4.62
20	DC	6 1/4 x 2 1/4	624.55
15	HW	4 1/2 x 3 1/2	460.11
64	D.P. STANDS		
2	D.P. SINGLES		619.11
	KELLY DOWN		23.00
	TOTAL		7345
	WT. OF DC		30.00 LBS.
	WT. OF STRING		153.00 LBS.

BIT RECORD

BIT NO.	32
SIZE	6 3/4
MFG.	SEC
TYPE	M4N
SERIAL NO.	359088
JETS 1/32"	18/18/18
DEPTH OUT	7345
DEPTH IN	7225
TOTAL FOOTAGE	120
TOTAL HRS. RUN	23¾
BIT CONDITION 1/8'S T/B | 1/8" GAGE	3 | 0

HOLE CONDITION

1. HOLE DRAG (1000#)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME	
WEIGHT	
FUNNEL VIS.-SEC.	
PV/YP	
GELS	
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7324	7345	4				35	60	1800		5"	100			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
7300	3½	S 70 W						

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	12 00	1 15	1¼	DRILL 6 3/4" HOLE
	1 15	1 30	¼	RIG SER
	1 30	4 15	2¾	DRILL 6 3/4" HOLE
	4 15	5 00	¾	DROP SURVIEY + BLOW ISELLY
	5 00	8 00	3	PULL OUT

DRILLER: Ted Robert

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	S1	6 3/4 x 3/3	3.78
1	DC	6 1/4 x 2 1/4	6.84
1	S1	6 3/4 x 2 1/4	3.32
1	DM	6 3/4 x 2 1/4	24.88
1	S1	6 3/4 x 2 1/4	4.62
20	DC	6 1/4 x 2 1/4	624.58
15	HW	4 1/2 x 3 1/2	460.11
65	D.P. STANDS		6226.19
	D.P. SINGLES		
	KELLY DOWN		26.
	TOTAL		7370
	WT. OF DC		30 M LBS.
	WT. OF STRING		156 M LBS.

BIT RECORD

BIT NO.	33
SIZE	6 3/4
MFG.	SEC
TYPE	M4N
SERIAL NO.	359088
JETS 1/32"	18/16/16
DEPTH OUT	7370
DEPTH IN	7345
TOTAL FOOTAGE	25
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	DRG

HOLE CONDITION

1. HOLE DRAG (1000#)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME	12	2
WEIGHT	13.9	14
FUNNEL VIS.-SEC.	65	73
PV/YP	/	/
GELS	/	/
W.L.-C.C.	18	
F.C. 1/32"	3	
PH	10.5	
% OIL		
% SAND		

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
STAFLOW - 40	#		
FLA 100 - 60	#		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7345	7370	4½		1	SHALE	30/38	65	2150		6x8	100	DRIL		CONV

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	8 00	8 15	¼	RIG SER
15	8 15	8 30	¼	CHECK BLIND RAMS
6	8 30	11 15	2¾	RUN IN BIT #33
5	11 15	11 30	¼	BRAKE CIAC
2	11 30	4 00	4½	DRILL 6 3/4" HOLE

DRILLER: Ed Holland

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	S1	7 7/8 x 6 3/4	3.78
1	DC	7 7/8 x 4 1/4	6.84
1	S1	7 7/8 x 6 3/4	3.32
1	DM	7 7/8 x 4 1/4	24.88
1	S1	7 7/8 x 6 3/4	4.62
20	DC	7 7/8 x 4 1/4	624.58
15	HW	6 1/4 x 3 1/2	460.11
65	D.P. STANDS		6258.77
X	D.P. SINGLES		
	KELLY DOWN		22
	TOTAL		7408
	WT. OF DC		30 LBS.
	WT. OF STRING		154 LBS.

BIT RECORD

BIT NO.	
SIZE	6 3/4
MFG.	SEC
TYPE	M4N
SERIAL NO.	359088
JETS 1/32"	18/16/16
DEPTH OUT	
DEPTH IN	7345
TOTAL FOOTAGE	63
TOTAL HRS. RUN	12¼
BIT CONDITION 1/8'S T/B | 1/8" GAGE	DRLG

HOLE CONDITION

1. HOLE DRAG (1000#)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME	4	7	11
WEIGHT	14.0	14.0	14.0
FUNNEL VIS.-SEC.	75	75	75
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.	20	19	
F.C. 1/32"	3	3	
PH	10.5	10.5	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
STAFLO	100#		
FLR 100	100#		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7370		7¾	0		SHALE	30/40	90/95	2100		6x8	99			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	4 00	4 15	¼	SER. RIG ✓ B.O.P.S.
2	4 15	12 00	7¾	DRLG

DRILLER: Paul

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE #1

LOCATION: LOT 723-200 REG. CONTG LOT 8 IN ZIRIE — PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited — CONTRACTOR: INCIDENT DRILLING LTD. — RIG NO. 6

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mirk — SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Hollow

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
7247	7324	77	1008	89	2	6	72

DP / DC SIZE	WT / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3½	15	6			IF	OILWELL	560P	8"
4¾					IF	2	D700	16"

LAST CASING TUBING OR LINER: SIZE 7⅝ — WT. AND GR. 29.7 #/26 — NO. OF JOINTS 153 — FEET 6559 — KB TO CSG. HEAD 17.75 — SET AT 6559 — CEMENT USED (SACKS) — REMARKS

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7¾	7¾	7¾	23¼
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS				
7	RIG SERVICE	¼	¼	¼	¾
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
CODE NO. CONVERSATIONAL	BOILER	8	8	8	24
	Cuttings Stdby				24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

CHRIST 5:00 18½

MORNING TOUR

DRILLING ASSEMBLY — AT END OF TOUR

NO	CODE	BIT		FT.
1	S1	12¼ x 6¾		378 FT
1	DC	12¼ x 4¾		6.84 FT
1	S1	12¼ x 6¾		3.32 FT
1	OM	12¼ x 4¾		24.88 FT
1	S1	12¼ x 6¾		4.62 FT
20	DC	12¼ x 4¾		624.55 FT
15	HW	12¼ x 3½		460.11 FT
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
64	D.P.	STANDS	6130.00	
	D.P.	SINGLES		FT.
	KELLY DOWN		14.	FT.
	TOTAL		7272 M	
	WT. OF DC		30 000	LBS.
	WT. OF STRING		152 000	LBS.

BIT RECORD

BIT NO.	32
SIZE	6¾
MFG.	SEC
TYPE	M44N
SERIAL NO.	388818
JETS 1/32"	18/18/18
DEPTH OUT	
DEPTH IN	7225
TOTAL FOOTAGE	47
TOTAL HRS. RUN	14¼
BIT CONDITION 1/8'S T/B 1/16" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000#)	
2	TORQUE AT BOTTOM	(OF TURNS)
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	12	300	6.05
WEIGHT	14+	14+	14+
FUNNEL VIS.-SEC.	53	63	70
PV/YP			
GELS.	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
SHALT GEL		FEL	14,200 #
FLR	100	CS	50 #
STAX	Flow	Sa	#

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7247	7272	7¼			SHALE	30	60	1800		5"	100			

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	12 00	12 15	¼	RIG SER + BOPS.
2	12 15	8 00	7¾	DRILL 6¾" HOLE

DRILLER: Ted Sabat

DAY TOUR

DRILLING ASSEMBLY — AT END OF TOUR

NO	CODE	BIT		FT.
1	S1	12¼ x 6¾		378 FT
1	DC	12¼ x 4¾		6.84 FT
1	S1	12¼ x 6¾		3.32 FT
1	OM	12¼ x 4¾		24.88 FT
1	S1	12¼ x 6¾		4.62 FT
20	DC	12¼ x 4¾		624.55 FT
15	HW	12¼ x 3½		460.11 FT
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
64	D.P.	STANDS	6130	FT.
	D.P.	SINGLES		FT.
	KELLY DOWN		38	FT.
	TOTAL		7296	FT.
	WT. OF DC		30 M	LBS.
	WT. OF STRING		152 M	LBS.

BIT RECORD

BIT NO.	32
SIZE	6¾
MFG.	SEC
TYPE	M44N
SERIAL NO.	388818
JETS 1/32"	18/18/18
DEPTH OUT	
DEPTH IN	7225
TOTAL FOOTAGE	7296
TOTAL HRS. RUN	22
BIT CONDITION 1/8'S T/B 1/16" GAGE	DRLG

HOLE CONDITION

1	HOLE DRAG (1000#)	
2	TORQUE AT BOTTOM	(OF TURNS)
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	8	12	2
WEIGHT	13.8	13.9	14.1
FUNNEL VIS.-SEC.	72	74	75
PV/YP			
GELS.	/	/	/
W.L.-C.C.	14		
F.C. 1/32"	3		
PH	11.5		
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7272	7296	7¾		0	SHALE	30	60	1500		5x8	100	6x16		COMP.

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	8 00	8 15	¼	RIG SER. + BOP CHECK
2	8 15	4 00	7¾	DRILL 6¾" HOLE

DRILLER: Ed Holland

EVENING TOUR

DRILLING ASSEMBLY — AT END OF TOUR

NO	CODE	BIT		FT.
1	S1	12¼ x 6¾		3.32 FT
1	DC	12¼ x 4¾		6.84 FT
1	S1	12¼ x 6¾		3.32 FT
1	OM	12¼ x 4¾		24.88 FT
1	S1	12¼ x 6¾		4.62 FT
20	DC	12¼ x 4¾		624.55 FT
15	HW	12¼ x 3½		460.11 FT
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
64	D.P.	STANDS	6162.00	
	D.P.	SINGLES		FT.
	KELLY DOWN		34	FT.
	TOTAL		7324	FT.
	WT. OF DC		30	LBS.
	WT. OF STRING		153	LBS.

BIT RECORD

BIT NO.	32A
SIZE	6¾
MFG.	SEC
TYPE	M44N
SERIAL NO.	388818
JETS 1/32"	18/18/18
DEPTH OUT	
DEPTH IN	7225
TOTAL FOOTAGE	99
TOTAL HRS. RUN	29¼
BIT CONDITION 1/8'S T/B 1/16" GAGE	DRLG

HOLE CONDITION

1	HOLE DRAG (1000#)	
2	TORQUE AT BOTTOM	(OF TURNS)
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	4	8	10
WEIGHT	13.8	13.6	14.0
FUNNEL VIS.-SEC.	74	75	76
PV/YP			
GELS.		/	/
W.L.-C.C.		15	
F.C. 1/32"		3/1	
PH		11.5	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BAR. CL	9500 #		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7296		7¾		0	SHALE	30/6	60	1500		5x8	100			

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	4 00	5 00	1	DRLG.
	5 00	5 15	¼	SER RIG & BOPS
	5 15	12 00	6¾	DRLG.

DRILLER: Paul Gay

DAILY DRILLING REPORT

CP-38 (R/70)

WELL NAME: SHELL STE FRANCOISE ROMAINE #1

LOCATION: LOT 723-200-ARGILL - CONTE LOTBINIERE QUEBEC — PROVINCE

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Gilles Hurtubise

CONTRACTOR: REGENT DRILLING LTD.

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Wilbur O

RIG NO.: 6

DP / DC. SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3½	15	G			IF	1	OILWELL	560P	8"
4½					IF	2	EMSCO	D700	16"

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE: MONTH	DAY	YEAR
7202	7247	45 (~~44~~)	984¾	89 (969)	2	5	72

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7⅝	29.7	153	6559	17.35	6559		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7¾	11½	6	25¼
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM				
6	TRIPS	5½	½		6
7	RIG SERVICE	¼	¼		½
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE	¼		¾	1
10	DEVIATION SURVEY	½			½
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.	¼			¼
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	REMOVABLE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	9	8	9	24
	HOURS FOR SHELL ACCOUNT				
	BOILER	8	8	8	24

Centrifuge on duty 24hr

DESILTER PERFORMANCE

	WORK	DAY	EVE
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

DRILLING ASSEMBLY — AT END OF TOUR

NO.	CODE	BIT		FT.
1	51	12¼	6 22/32	378
1	DC	12¼	6 22/32	6.34
1	51	12¼	6 22/32	3.39
1	DM	12¼	6 22/32	2488
1	51	12¼	6 22/32	462
20	DC	12¼	6 22/32	624.85
15	HW	12¼	3½	460.11
63	D.P.	STANDS		FT.
1	D.P.	SINGLES		6066.46
		KELLY DOWN		17 FT.
		TOTAL		7222 FT.
		WT. OF DC		300M LBS.
		WT. OF STRING		LBS.

BIT RECORD

BIT NO.	31
SIZE	6¾
MFG.	SEC
TYPE	M44
SERIAL NO.	351932
JETS 1/32"	18/18/18
DEPTH OUT	
DEPTH IN	7116
TOTAL FOOTAGE	106
TOTAL HRS. RUN	3¾
BIT CONDITION 1/8'S T/B/1/8" GAGE	

HOLE CONDITION

1. HOLE DRAG (1000#)
2. TORQUE AT BOTTOM (ft-lbs)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME	12	3	6
WEIGHT	14.2	14.2	14.2
FUNNEL VIS-SEC	70	65	60
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
WT. MAT	23,000 #		
SALT GEL	3,000 #		
Stapolyte	50		

FOOTAGE

FROM	TO	HOURS	DR-D BIT RECORD CODE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7202	7222	7¾				35	60	1300		5"	100			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

MORNING TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	12 00	12 15	¼	RIG SER
	12 15	8 00	7¾	DRILL 6¾" HOLE

DRILLER: D. Robert

DRILLING ASSEMBLY — AT END OF TOUR

NO.	CODE	BIT		FT.
1	51	12¼	6 22/32	9.78
1	DC	12¼	6 22/32	6.84
1	51	12¼	6 22/32	3.32
1	DM	12¼	6 22/32	24.48
1	51	12¼	6 22/32	4.62
20	DC	12¼	6 22/32	624.85
15	HW	12¼	3½	460.11
63	D.P.	STANDS		FT.
1	D.P.	SINGLES		6066.46
		KELLY DOWN		20 FT.
		TOTAL		7228 FT.
		WT. OF DC		30M LBS.
		WT. OF STRING		157M LBS.

BIT RECORD

BIT NO.	31
SIZE	6¾"
MFG.	SEC
TYPE	M44
SERIAL NO.	351923
JETS 1/32"	18/18/18
DEPTH OUT	225
DEPTH IN	7116
TOTAL FOOTAGE	109
TOTAL HRS. RUN	33¼
BIT CONDITION 1/8'S T/B/1/8" GAGE	5/4/0

HOLE CONDITION

1. HOLE DRAG (1000#)
2. TORQUE AT BOTTOM (ft-lbs)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME	10:8	3 p.m.	6 p.m.
WEIGHT	14.1	14.2	14.2
FUNNEL VIS-SEC	65	38	40
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.	15.2		
F.C. 1/32"	3/32		
PH	11.5		
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
~~23,000~~ WT. MAT			
~~SPOLYTEX~~			
SALT GEL	3,000		

FOOTAGE

FROM	TO	HOURS	DR-D BIT RECORD CODE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7222	7225	1½	D		SHALE	35	60			6¼	100	6X16		comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
7200	3½°	S 75° W						

DAY TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
2	8 00	9 30	1½	DRILLING 6¾" HOLE
10	9 30	10 00	½	BIG SEM BOP CHECK + DIRECTIONAL SURVEY
6	10 00	12 30	2½	PULLOUT OF HOLE
15	12 30	12 45	¼	CHECK BLIND RAMS
6	12 45	3 45	3	RUN IN HOLE TO 5500'
9	3 45	4 00	¼	CUT + SLIP 80' OF LINE

DRILLER: Ed Holland

DRILLING ASSEMBLY — AT END OF TOUR

NO.	CODE	BIT		FT.
1	51	12¼	6 22/32	3.79
1	DC	12¼	6 22/32	6.66
1	51	12¼	6 22/32	3.32
1	DM	12¼	6 22/32	24.85
1	51	12¼	6 22/32	4.62
20	DC	12¼	6 22/32	624.85
15	HW	12¼	3½	460.11
63	D.P.	STANDS		FT.
2	D.P.	SINGLES		6098.54
		KELLY DOWN		FT.
		TOTAL		7247
		WT. OF DC		30,000 LBS.
		WT. OF STRING		152,000 LBS.

BIT RECORD

BIT NO.	32
SIZE	6¾
MFG.	SEC
TYPE	M44
SERIAL NO.	368818
JETS 1/32"	18/18/18
DEPTH OUT	7225
DEPTH IN	22
TOTAL FOOTAGE	6½
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B/1/8" GAGE	

HOLE CONDITION

1. HOLE DRAG (1000#)
2. TORQUE AT BOTTOM (ft-lbs)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME			
WEIGHT			
FUNNEL VIS-SEC			
PV/YP			
GELS			
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
SALT GEL	6 bg		

FOOTAGE

FROM	TO	HOURS	DR-D BIT RECORD CODE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7225	7247	6½				30	60	1800		5"	100			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

EVENING TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
9	4 00	4 45	¾	CUT + SLIP LINE
6	4 45	5 15	½	FINISH IN
5	5 15	5 30	¼	BRAKE CIRC.
2	5 30	12 00	6½	DRILL 6¾" HOLE

DRILLER: Joe Robert

DAILY DRILLING REPORT

P-38 (9/70)

WELL NAME: SHELL STE FRANCOISE ROMAINE NO 1

LOCATION: LOT 723 2ND RGE II CANTE LOTBINIERE

PROprovince: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Muffink

CONTRACTOR: REGENT DRILLING LTD

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Wilson

RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
7122	7202	80	90¾	88	2	4	72

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD
3½	15	E			IF
4¾					IF

PUMP No.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OILWELL	600	8
2	EMSCO	2000	8

LAST CASING TUBING OR LINER: SIZE 7⅝ | WT. AND GR. 39/26 | NO. OF JOINTS 153 | FEET 6559 | KB TO CSG. HEAD 17.35 | SET AT 6559 | CEMENT USED (SACKS) | REMARKS

TIME DISTRIBUTION – HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	6½	7¾	7¾	22
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING	1¼			1¼
6	TRIPS				
7	RIG SERVICE	¼	¼	¼	¾
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
CODE NUMBER DESIGNATION	BOILER	8	8	8	24

Centrifuge Stddy Mfd.

DESILTER PERFORMANCE

	MORN.	DAY	END
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	SI	12¼ x 6¾	3.78
1	DC	12 x 4¾	6.84
1	SI	12 x 6¾	3.32
1	DMD	12 x 4¾	24.88
1	SI	12 x 4¾	4.62
20	DC	12 x 2¼ x 3½	624.58
15	HW	12 x 2¼ x 3½	460.11
		I.D. x O.D.	
		I.D. x O.D.	
		I.D. x O.D.	
62	D.P.	STANDS	6003.27
1	D.P.	SINGLES	
		KELLY DOWN	26
		TOTAL	7157
WT. OF DC			30 LBS.
WT. OF STRING			155 LBS.

BIT RECORD

BIT NO.	2B
SIZE	6¾
MFG.	SEC
TYPE	M4C
SERIAL NO.	351922
JETS 1/32"	18 18 18
DEPTH OUT	
DEPTH IN	7116
TOTAL FOOTAGE	41
TOTAL HRS. RUN	8½
BIT CONDITION 1/8'S T/B 1/8" GAGE	0 R 6

HOLE CONDITION

1 HOLE DRAG (1000 #)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	12	3	6
WEIGHT	13.8	13.7	13.9
FUNNEL VIS. SEC	54	55	50
PV / YP	/	/	/
GELS	/	/	/
W.L.-C.C.			16
F.C. 1/32"			3/32
PH			12.5
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	6500		
SALT GEL	350		
POTASH	700#		
CAUSTIC	20#		

FOOTAGE

FROM	TO	RUN HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7122	7157	8½	D		SHALE	35	65	1700		6	110	6	130	

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
7	12 00	12 15	¼	SER RIG ✓ BOP
2	12 15	5 30	5¼	DRLG
5	5 30	6 45	1¼	CIRC SAMPLE
2	6 45	8 00	1¼	DRLG.

275 BBLS. 157 HRS CHRIST

DRILLER: Paul Boyd

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	SI	12¼ x 6¾	3.78
1	DC	12 x 4¾	6.84
1	SI	12 x 6¾	3.32
1	DMD	12 x 4¾	24.88
1	SI	12 x 4¾	4.62
20	DC	12 x 2¼ x 3½	624.58
15	HW	12 x 2¼ x 3½	460.11
		I.D. x O.D.	
		I.D. x O.D.	
		I.D. x O.D.	
63	D.P.	STANDS	6035.27
	D.P.	SINGLES	
		KELLY DOWN	19
		TOTAL	7181
WT. OF DC			70 000 LBS.
WT. OF STRING			157 000 LBS.

BIT RECORD

BIT NO.	3D
SIZE	6¾
MFG.	SEC
TYPE	M4C
SERIAL NO.	351922
JETS 1/32"	18/18/18
DEPTH OUT	
DEPTH IN	7116
TOTAL FOOTAGE	65
TOTAL HRS. RUN	16¼
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000 #)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME			
WEIGHT			
FUNNEL VIS. SEC			
PV / YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
STAY-FLOW	1/4 BBL		

FOOTAGE

FROM	TO	RUN HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7157	7181	7¾				35	60	1400		5"	100			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
1	8 00	8 15	¼	RIG SER
2	8 15	4 00	7¾	DRILL 6¾" HOLE

DRILLER: Joe Schmidt

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	SI	12¼ x 6¾	3.78
1	DC	12 x 4¾	6.84
1	SI	12 x 6¾	3.32
1	DMD	12 x 4¾	24.88
1	SI	12 x 4¾	4.62
20	DC	12 x 2¼ x 3½	624.58
15	HW	12 x 2¼ x 3½	460.11
		I.D. x O.D.	
		I.D. x O.D.	
		I.D. x O.D.	
63	D.P.	STANDS	6035.27
	D.P.	SINGLES	
		KELLY DOWN	39
		TOTAL	7202
WT. OF DC			30 000 LBS.
WT. OF STRING			157 000 LBS.

BIT RECORD

BIT NO.	3D
SIZE	6¾
MFG.	SEC
TYPE	M4C
SERIAL NO.	351922
JETS 1/32"	18/18/18
DEPTH OUT	
DEPTH IN	7116
TOTAL FOOTAGE	~~7202~~ 86
TOTAL HRS. RUN	24
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000 #)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	4	6	8
WEIGHT	13.9	14.	14.2
FUNNEL VIS. SEC	65	66	65
PV / YP	/	/	/
GELS	/	/	/
W.L.-C.C.			12.6
F.C. 1/32"			2/32
PH			11.5
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	7000#		
SALT GEL	750#		

FOOTAGE

FROM	TO	RUN HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7157	7202	7¼	D			37	60	1800		3½	100	6x12"		Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
7	4 00	4 15	¼	RIG SER. BOP CHECK
2	4 15	12 00	7¾	DRILLING 6¾" HOLE

DRILLER: Ed Holland

EVENING TOUR

F-38 (8/70)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE NO 1

LOCATION: LOT 723 - 200 RGE II CANTON LABRIERE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Montpetit

CONTRACTOR: REGENT DRILLING LTD

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Gibbons

RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
7122	7127	—	947	87	2	3	72

947

DP / DC SIZE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD
3½ / 4¾	2 7/32	4¾	I.F.
15.5 & 42 lb G	2¼		I.F.

PUMP NO. | PUMP MANUFACTURER | TYPE | STROKE LENGTH

LAST CASING TUBING OR LINER: SIZE | WT. AND GR. | NO. OF JOINTS | FEET | KB. TO CSG. HEAD | SET AT | CEMENT USED (SACKS) | REMARKS

TIME DISTRIBUTION — HOURS

LOG NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS	4			4½
7	RIG SERVICE	¼	1	5¾	6¼
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE			¼	
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.	¼			
16	DRILL STEM TEST	3¼		¼	
17	PLUG BACK				
18	SQUEEZE CEMENT		7		10
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				1½
22	LOST CIRCULATION			1½	
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	DRAWING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
	BOILER	8	8	8	24
	Centrifuge Daily				24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	I.D.	O.D.	FT.
7	OP	BIT			
1	DS				
TEST TOOL					
17	DC				
1	HWP				
56	D.P.	STANDS			FT.
1	BOP	SINGLES			FT.
		KELLY DOWN			FT.
		TOTAL			6740 FT.
		WT. OF DC			LBS.
		WT. OF STRING			LBS.

BIT RECORD

BIT NO.	
SIZE	FT.
MFG.	FT.
TYPE	FT.
SERIAL NO.	FT.
JETS 1/32"	FT.
DEPTH OUT	FT.
DEPTH IN	FT.
TOTAL FOOTAGE	FT.
TOTAL HRS. RUN	FT.
BIT CONDITION 1/8'S T/B/1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000#)
2	TORQUE AT BOTTOM (OF TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME	
WEIGHT	
FUNNEL VIS.-SEC.	
PV/YP	/ / /
GELS.	/ / /
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

MORNING TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
6	12 00	12 30	½	FINISH OUT
7	12 30	12 45	¼	SER. RIG CLOSE BLIND RAMS #2A
16	12 45	2 45	2	MAKE UP TAIL PIPE FOR DST #3 + TEST TOOL
6	2 45	6 15	3½	STRAP IN HOLE RUN 2000' WATER CUSHION
15	6 15	6 30	¼	CHECK HYDRIL + PIPE RAMS BLOW TEST LINE O.K.
16	6 30	8 00	1½	~~TESTING~~ BREAK UP & RIG TO TEST TRY OPEN TOOL

H. Dickson 8 HRS TRAVEL From EDMONTON

Paul Drew

DAY TOUR

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	8 00	9 30	1½	TRY TO OPEN TESTING TOOLS
	9 30	2 30	5	TESTING
16	2 30	3 00	½	LAY DOWN TESTING TOOLS HEAD
	3 00	4 00	1	PULL OUT D.S.T. #3 and Methods. Surface indication showed normal tool with good flow characteristics, standard chart Used Baker retrimatic, type amount, and pressure recorder, proved that DST #3 was never fully opened.
6				DST #3 6444 - 7116. MISRUN.

PRESSURE INVALID

DST No 2A 6444 - 7116

RECOVERED 12.16' MUD, 188' MUD CUT WATER CUSHION, 1700' WATER CUSHION

Paul Drew

EVENING TOUR

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
6	4 00	7 00	3	PULL OUT DST #3 2A
6	7 00	8 00	1 ½	LAY DOWN TEST TOOL
20	8 00	8 ½	½	RIG SER + BOP CHECK
7	8 ½	11 30	2 ½	RUN IN HOLE WITH BIT
6	11	12	½	BREAK CIRC WASH 10' TO BOTTOM

CHRIS: STAB 151 ½ JTS

DRILLER: Ed Hallond

DAILY DRILLING REPORT

WELL NAME: SHELL 376 FRAN COISÉ ROMAINE NO 1

LOCATION: LOT 723-200 RGE II CANTON LAMBERVILLE

PROVINCE: QUÉBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Hollingsworth

CONTRACTOR: REGENT DRILLING LTD

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: [illegible]

RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
7116	7122	6	947	86	2	2	72

DP / DC	I.D.	TOOL JT O.D.	TYPE THREAD
3½			4½ IF
11 3/4			

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OIL WELL	500#	8
2	EMSCO	700#	16

LAST CASING, TUBING OR LINER: SIZE 7 5/8 | WT. AND GR. 29/26 | NO. OF JOINTS 153 | FEET 6554 | KB TO CSG. HEAD 1735 | SET AT 6554 | CEMENT USED (SACKS) | REMARKS

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	WORK	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL			2	
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN OUT BOTTOM & CIRCULATING				
6	TRIPS		4½ 2 3½		
7	RIG SERVICE	¼	¼	½	
8	RIG REPAIR		1¾		
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING	1¾			
20	HANDLE TOOLS				
21	CONDITION MUD		½		
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS		8	8	
	HOURS FOR SHELL ACCOUNT				
SOLIDS CONTROL EQUIPMENT	BOILER	8	8	8	24
	Centrifuge 24hrs.				

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			
BIT				FT.
1	MW			2.46 FT.
1	RB			29' FT.
1	Rock Bit			94' FT.
1	RR			5.91 FT.
1	DC			90' FT.
1	SW			4.63 FT.
19	DC			624.55 FT.
15	HW			460.11 FT.
				FT.
				FT.
62	D.P.	STANDS		6003.22 FT.
35	D.P.	SINGLES		FT.
	KELLY DOWN			12 FT.
	TOTAL			7116 FT.
WT. OF DC				70 LBS.
WT. OF STRING				156 LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B/I/I/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)	
2 TORQUE AT BOTTOM (DP/Tubing)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	5.00
WEIGHT	13.4
FUNNEL VIS.-SEC.	62
PV/YP	/ /
GELS.	/ /
W.L.-C.C.	18
F.C. 1/32"	3/32
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	30 SAX		

FOOTAGE

FROM	TO	BIT HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
19	12⁰⁰	1⁰⁰	1	CLEAN UP MAGNET + JUNK SUB BOTH FULL
7	1⁰⁰	1¹⁴	¼	SER RIG ✓ BOP
6	1¹⁴	4¹⁵	3	RUN BACK IN WITH JUNK SUB + MAGNET
5	4¹⁵	4⁴⁵	½	PICK UP KELLY WASH 30' TO BOTTOM
19	4⁴⁵	5³⁰	¾	FISHING.
5	5³⁰	6³⁰	1	CIRC OUT GAS
6	6⁰⁰	7⁰⁰	1½	DROP KELLY P.O.H.

DRILLER: Pat Guy

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			
BIT				FT.
1	Junk Sub			2.91 FT.
1	DC	2	3¼	6.84 FT.
1	SW	7	6¾	11.72 FT.
1	DW	2½	4¾	248 FT.
1	SW	3	6¾	FT.
6	DC	2½	4¾	FT.
1	JM			5.00 FT.
14	DC	2½	4¾	624.55 FT.
15	HW	2½	4¾	460.11 FT.
				FT.
62	D.P.	STANDS		5971.93 FT.
1	D.P.	SINGLES		FT.
	KELLY DOWN			13.54 FT.
	TOTAL			7091.69 FT.
WT. OF DC				70 LBS.
WT. OF STRING				LBS.

BIT RECORD

BIT NO.	31
SIZE	6¾
MFG.	SEC.
TYPE	M44
SERIAL NO.	351922
JETS 1/32"	11/11/12
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B/I/I/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)	
2 TORQUE AT BOTTOM (DP/Tubing)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	
WEIGHT	
FUNNEL VIS.-SEC.	
PV/YP	/ /
GELS.	/ /
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	BIT HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8	4⁰⁰	9⁴³	1¾	THAW OUT STEAM LINES + HEATERS
6	9⁴³	12⁰⁰	2¼	PULL OUT
7	12⁰⁰	12¹⁵	¼	RIG SER + BOP CHECK
20	12¹⁵	12⁴³	½	LAY DOWN MAGNET + PICK UP STABILIZERS + MONEL JUNK SUB W BIT
6	12⁴³	3⁰⁰	2¼	RUN IN W BIT
5	3⁰⁰	4⁰⁰	1	BREAK CIRC + WORK JUNK SUB

DRILLER: Joe Kohut

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			
BIT				FT.
1	JUNK SUB			2.91 FT.
1	DC	2	3¼	6.84 FT.
1	SW	2	6¾	11.72 FT.
1	DW	2½	4¾	24.84 FT.
1	SW	3	6¾	FT.
6	DC	2½	4¾	FT.
1	JM			5.00 FT.
14	DC	2½	4¾	624.55 FT.
15	HW	2½	4¾	460.11 FT.
				FT.
62	D.P.	STANDS		5934.74 FT.
1	D.P.	SINGLES		12.04 FT.
	KELLY DOWN			20 FT.
	TOTAL			7122.42 FT.
WT. OF DC				30 LBS.
WT. OF STRING				160 LBS.

BIT RECORD

BIT NO.	31
SIZE	6¾
MFG.	SEC
TYPE	M44
SERIAL NO.	351922
JETS 1/32"	11/11/12
DEPTH OUT	1722
DEPTH IN	1716
TOTAL FOOTAGE	6
TOTAL HRS. RUN	2
BIT CONDITION 1/8'S T/B/I/I/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)	
2 TORQUE AT BOTTOM (DP/Tubing)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	
WEIGHT	
FUNNEL VIS.-SEC.	
PV/YP	/ /
GELS.	/ /
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	4000#		
POTASH	100#		
PELTEX	100#		
STAFLOW	50#		

FOOTAGE

FROM	TO	BIT HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7116	7122.42					35	45			5⅞		6¼		COMP

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
2	4⁰⁰	6⁰⁰	2	DRILLING
5	6⁰⁰	8⁰⁰	2	CIRC. TO TEST
7	8⁰⁰	8³⁰	½	RIG SER BOP CHECK + BLOW KELLY
6	8³⁰	12⁰⁰	3½	PULL OUT OF HOLE

DRILLER: Ed Holland

CF-38 (8/70)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE NO 1

LOCATION: LOT 723-200 REGN CONTE LOT BINGHAM — PROVINCE: QUEBEC

945

OPERATOR: Shell Canada Limited — CONTRACTOR: REGENT DRILLING LTD — RIG NO: 6

SIGNATURE OF OPERATOR'S REPRESENTATIVE: D. Allen Affleck — SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: L. Hubbard

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
7116	7117			85	2	1	72

DP / DC SIZE	WT / FT	GRADE	KELLY SIZE	KELLY SQUARE / HEX	TOOL JT O.D.	TYPE CHECKED	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3½ / 4¾	15	G					1	OILWELL	500P	8
								EMSCO	700D	16

LAST CASING TUBING OR LINER

SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
7⅝	29/26	153	6559	1735	6559		

TIME DISTRIBUTION — HOURS

CODE NO	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	4½			
3	HOLE OPENING				
4	CORING		11¾		8½
5	BOP TRIPS / CIRCULATE	2½	3½	3½	9½
6	TRIPS	4½	6	4	14½
7	RIG SERVICE	¼	¼	¼	¾
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	9	8	8	
	HOURS FOR SHELL ACCOUNT				
	BOILER	9	8	8	24

Centrifuge Shelby 24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO	CODE			
		BIT		FT.
1	JS	I.D. x O.D.	2.93	FT.
1	XO	I.D. x O.D.	5.88	FT.
1	DC	I.D. x O.D.		FT.
1	50	I.D. x O.D.	4.63	FT.
5	DC	I.D. x O.D.		FT.
1	JM	I.D. x O.D.	5.00	FT.
14	DC	I.D. x O.D.	424.55	FT.
15	HW	I.D. x O.D.	460.11	FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
62	D.P.	STANDS	6003.22	FT.
XX	D.P.	SINGLES		FT.
	KELLY DOWN		17	FT.
	TOTAL		7117	FT.
	WT. OF DC		30	LBS.
	WT. OF STRING		158	LBS.

BIT RECORD

BIT NO.	30
SIZE	6¾
MFG.	H.W
TYPE	M7J
SERIAL NO.	CS791
JETS 1/32"	16 16 16
DEPTH OUT	
DEPTH IN	7116
TOTAL FOOTAGE	
TOTAL HRS. RUN	14
BIT CONDITION 1/8'S T/B | 1/8" GAGE	DR I/G

HOLE CONDITION

1 HOLE DRAG (1000 #)
2 TORQUE AT BOTTOM (UP TURNS)
3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	6⁰⁰
WEIGHT	136
FUNNEL VIS.-SEC.	107
PV/YP	
GELS.	
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	BIT HOURS	DR-G RW-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7116	7117	14	0			10	40	1500					20	0 COMP

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
6	12⁰⁰	1³⁰	1½	FINISH OUT LAY DOWN FISH + TAPER
7	1³⁰	1⁴⁵	¼	RIG SER V MOTOR KILLS + BLIND RAMS O.K.
6	1⁴⁵	4⁴⁵	3	RUN BIT + JUNK SUB
5	4⁴⁵	[illegible]	3¼	BREAK CIRC + CLEAN TO BOTTOM PUSHING IRON DOWN 10ft

DRILLER: Paul Guy

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO	CODE			
		BIT		FT.
1	JS	I.D. x O.D.	2.93	FT.
1	XO	I.D. x O.D.	5.93	FT.
1	DC	I.D. x O.D.		FT.
1	50	I.D. x O.D.	4.63	FT.
5	DC	I.D. x O.D.		FT.
1	JM	I.D. x O.D.	5.00	FT.
14	DC	I.D. x O.D.	426.45	FT.
15	HW	I.D. x O.D.	460.11	FT.
1	MAGNET	I.D. x O.D.	2.56	FT.
1	XO	I.D. x O.D.	1.00	FT.
	D.P.	STANDS		FT.
	D.P.	SINGLES		FT.
	KELLY DOWN			FT.
	TOTAL			FT.
	WT. OF DC		300M	LBS.
	WT. OF STRING		156	LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000 #)
2 TORQUE AT BOTTOM (UP TURNS)
3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	
WEIGHT	
FUNNEL VIS.-SEC.	
PV/YP	
GELS.	
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-G RW-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	8⁰⁰	8¹⁵	¼	RIG SER + BOPS.
5	8¹⁵	9⁰⁰	¾	CIRC. + WORK JUNK SUB ON BOTTOM OF HOLE.
6	9⁰⁰	12³⁰	3½	PULL OUT
6	12³⁰	3⁰⁰	2½	RUN IN WITH MAGNET + JUNK SUB
5	3⁰⁰	4⁰⁰	1	BREAK CIRC. + WORK PIPE + CIRC. TO TEST.

DRILLER: Joe Bedard

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO	CODE			
		BIT		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
	D.P.	STANDS		FT.
	D.P.	SINGLES		FT.
	KELLY DOWN			FT.
	TOTAL			FT.
	WT. OF DC		30M	LBS.
	WT. OF STRING		156M	LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000 #)
2 TORQUE AT BOTTOM (UP TURNS)
3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	4	6	8
WEIGHT	144	141	143
FUNNEL VIS.-SEC.	58	93	75
PV/YP			
GELS.			
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
POLYMER	100#		
SALTGEL	550#		
FLA 100	50#		

FOOTAGE

FROM	TO	ROT. HOURS	DR-G RW-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
										5X8	90	6X16		COMP

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	4⁰⁰	4¹⁵	¼	RIG SER + BOP CHECK
5	4¹⁵	8⁰⁰	3¾	CIRC. TO TEST WORK MAGNET + JUNK SUB.
6	8⁰⁰	12⁰⁰	4	BLOW KELLY + PULL OUT OF HOLE

DRILLER: E.J. Hubbard

CP-38 (9/70)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE NO 1

LOCATION: LOT 723 -200 RGE II CANTE LOTBINIERE | PROVINCE:

OPERATOR: Shell Canada Limited

CONTRACTOR: REGENT DRILLING LTD | RIG NO: 6

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [illegible]

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: [illegible]

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
7116	7116			84	1	31	72

DP./DC. SIZE	WT./FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD
3 1/2	15	G	2 11/32	4 1/4	IF
4 3/4					IF

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OILWELL	560P	8
2	NATIONAL	700D	16

LAST CASING TUBING OR LINER: SIZE 5 1/2 | WT. AND GR. 29/26 | NO. OF JOINTS 153 | FEET 6559 | KB. TO CSG. HEAD 17.35 | SET AT 6559 | CEMENT USED (+ BACKS) | REMARKS

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS	3 3/4	4 1/4	7	15
7	RIG SERVICE	1/4	1/4	1/4	3/4
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING	7 3/4	3 1/4	3 1/2	14 1/2
20	HANDLE TOOLS	1/2			1/2
21	CONDITION MUD	2 1/4	3/4		3
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	2.0H2	1		24
	BOILER	8	8	8	

Centrifuge 24 hrs.

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			
		BIT		FT.
1		I.D. X	O.D.	FT.
1		I.D. X	O.D.	FT.
		I.D. X	O.D.	FT.
		I.D. X	O.D.	FT.
6	W	I.D. X	O.D.	FT.
1	JH	I.D. X	O.D.	FT.
14	DC	I.D. X	O.D.	FT.
6	W	I.D. X	O.D.	FT.
		I.D. X	O.D.	FT.
		I.D. X	O.D.	FT.
57	D.P.	STANDS		FT.
1	D.P.	SINGLES		FT.
		KELLY DOWN		FT.
		TOTAL		FT.
		WT. OF DC		LBS.
		WT. OF STRING		LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000#)
2	TORQUE AT BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME			
WEIGHT			
FUNNEL VIS. SEC.			
PV/YP			
GELS.			
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	12 00	12 15	1/4	RIG SER W BOPS CLOSE BLIND RAMS
20	12 15	1 00	3/4	PICK UP MAGNET, DOUBLE PIN SUB JUNK BASKET
6	1 00	3 30	2 1/2	PU 3 DC + JARS RUN IN
21	3 30	7 00	3 1/2	BREAK CIRC COND MUD VERY GAS CUT AT 6625
6	7 00	8	1	RUN IN TO 6682

DRILLER: Rod Sard

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			
		BIT		FT.
		I.D. X	O.D.	FT.
1	17 1/2	I.D. X	O.D.	2.25 FT.
1	PS	I.D. X	O.D.	8.4 FT.
1	PS	I.D. X	O.D.	2.93 FT.
1	PS	I.D. X	O.D.	5.93 FT.
1	IN	I.D. X	O.D.	5.00 FT.
15	HW	I.D. X	O.D.	460.11 FT.
20	DC	I.D. X	O.D.	624.56 FT.
		I.D. X	O.D.	FT.
		I.D. X	O.D.	FT.
61	D.P.	STANDS		FT.
1	D.P.	SINGLES		58.75.30 FT.
		KELLY DOWN		26. FT.
		TOTAL		7002.07 FT.
		WT. OF DC		LBS.
		WT. OF STRING		LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000#)
2	TORQUE AT BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME	8 00	10 00	12 00
WEIGHT	13.6	13.6	14.3
FUNNEL VIS. SEC.	51	51	57
PV/YP			
GELS.			
W.L.-C.C.			16.2
F.C. 1/32"			3/32
PH			12.0
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	8 00	8 15	1/4	Rig Ser Check BOPs
6	8 15	9 15	1.	RIH. TO TOP OF FISH 6964.
5	9 15	10 30	1 1/4.	Cir. & Cond Mud.
6	10 30	11 00	1/2.	Push Fish To 7002.
5	11 00	1 00	2.	Cir & Cond Mud. AND FISH.
6	1 00	4 00	3	POH.

DRILLER: Joe Robert

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			
		BIT		FT.
		I.D. X	O.D.	FT.
		I.D. X	O.D.	FT.
		I.D. X	O.D.	FT.
		I.D. X	O.D.	FT.
		I.D. X	O.D.	FT.
		I.D. X	O.D.	FT.
		I.D. X	O.D.	FT.
		I.D. X	O.D.	FT.
		I.D. X	O.D.	FT.
	D.P.	STANDS		FT.
	D.P.	SINGLES		FT.
		KELLY DOWN		FT.
		TOTAL		FT.
		WT. OF DC		LBS.
		WT. OF STRING		LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000#)
2	TORQUE AT BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME			
WEIGHT			
FUNNEL VIS. SEC.			
PV/YP			
GELS.			
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	4 00	4 15	1/4	RIG SER. BOP CHECK
6	4 15	4 45	1/2	PULL OUT OF HOLE & LAY DOWN MAGNET
6	4 45	7 45	3	PICK UP TAP & RUN IN HOLE
19	7 45	8 30	3/4	FISHING FOR PACKER.
6	8 30	12 00	3 1/2	PULL OUT OF HOLE SLOW USING CHAIN.

DRILLER: [illegible]

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE NO 1
LOCATION: LOT 773-20 RGE II CONTE LOTBINIERE
PROVINCE: QUÉBEC

OPERATOR: Shell Canada Limited
SIGNATURE OF OPERATOR'S REPRESENTATIVE:
CONTRACTOR: REGEM DRILLING LTD
SIGNATURE OF CONTRACTOR'S REPRESENTATIVE:
RIG NO: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
7116	7116		945	88	1	30	72

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7 5/8	29 24	153	6529	17.35	6546		

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
						1	OILWELL	4CD	8
						2	EMSCO	700	16

TIME DISTRIBUTION — HOURS

CODE	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAR TO BOTTOM & CIRCULATING				
6	TRIPS	6 1/4	7 3/4	NIL	
7	RIG SERVICE	1/4	1/4	1/4	3/4
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE		1		1
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	FISHING	7 3/4			7 3/4
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SMELL ACCOUNT				
	BOILER	6	8	8	

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

1/3

DRILLING ASSEMBLY AT END OF TOUR

BIT — FT.
I.D. X O.D. — FT.
D.P. STANDS — FT.
D.P. SINGLES — FT.
KELLY DOWN — FT.
TOTAL — FT.
WT. OF DC — LBS.
WT. OF STRING — LBS.

BIT RECORD

BIT NO.
SIZE
MFG.
TYPE
SERIAL NO.
JETS 1/32"
DEPTH OUT
DEPTH IN
TOTAL FOOTAGE
TOTAL HRS. RUN
BIT CONDITION 1/8'S T/B 1/8" GAGE

HOLE CONDITION

1 HOLE DRAG (1000 #)
2 TORQUE AT BOTTOM (DP TURNS)
3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME
WEIGHT
FUNNEL VIS.-SEC.
PV/YP
GELS
W.L.-C.C.
F.C. 1/32"
PH
% OIL
% SAND

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

MORNING TOUR

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	12 00	12 15	1/4	RIG SER ✓ BOPS
4	12 15	2 15	2	BUILD SPEAR
17	2 15	9 00	6 3/4	MAKE 6 RUNS WITH SPEAR 9/11/13/17/20/30
				Fishing for 410 POWER ELEMENT.

DRILLER: Paul Grant

DAY TOUR

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	8 00	8 15	1/4	Rig Ser. Check BOPs + Motor Kills
6	8 15	9 30	1 1/4	P.O.H.
9	9 30	10 30	1	Slip 40' + Cut 80' Line.
6	10 30	4 00	5 1/2	Make Over Shot + R.I.H.

DRILLER: Robert

EVENING TOUR

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	4 00	4 15	1/4	RIG SER CHECK BOP
6	4 15	12 00	7 3/4	R.I.H. to 6695 + P.O.H. (USING CHAIN)

DRILLER: Ed Holland

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	4500 #		
SALT GEL	350 #		

CP-38 (9/70)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE NO.1

LOCATION: LOT 923 - 200 RGE II CANTON LOTBINIÈRE

PROVINCE: QUÉBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Allen Smith

CONTRACTOR: REGENT DRILLING LTD

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Nubbert

RIG NO.: 6

DEPTH AT START OF WORKING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
7116			945	82	1	29	72

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT. O.D.	TUBE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3½ / 4¾	16	G		4¾	IF	1	OILWELL EMSCO	6-10P	8
						2		7000	14

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7⅝	29.7/26	153	6559	17.35	6539		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL			11½	
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS	6½	4½	1	11½
7	RIG SERVICE	½		½	1
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.	1			
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS	1	1½	3½	6
21	CONDITION MUD				½
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING	2	2		2
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	6	6	12	24
	HOURS FOR SHELL ACCOUNT	6	6	12	
	BOILER	6	6	12	

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT		FT.
1	Reed		0.0	7.69
14	Hyd		0.0	4292.41
			0.0	
			0.0	
			0.0	
			0.0	
			0.0	
			0.0	
			0.0	
42	D.P.	STANDS		6003
28	D.P.	SINGLES		
		KELLY DOWN		
		TOTAL		6438.10

WT. OF DC: LBS.

WT. OF STRING: 132 LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B 1/16" GAGE	

HOLE CONDITION

1. HOLE DRAG (1000 #)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME	
WEIGHT	
FUNNEL VIS.-SEC.	
PV/YP	
GELS	
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

MORNING TOUR

FOOTAGE

FROM	TO	HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
	7116													

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
6	12⁰⁰	2³⁰	2½	P.O.H.
7	2³⁰	2⁴⁵	¼	SER RIG CLOSE BLINDRAMS
6	2⁴⁵	3⁰⁰	¼	PICK UP PACKER
6	3⁰⁰	7⁰⁰	4	R/H SLOW
22	7⁰⁰	9⁰⁰	1	R/U UP DOWELL
				RUN IN WITH BAKER MODEL 410 RETRIEVABLE PACKER TO 6470. BREAK CIRCULATION DOWN ANNULUS AND UP DOLLHOSE. PULL UP SET PACKER @ 6455. PRESSURE UP TO 1050 PSI WITH 14.3 MUD. PRESSURE AT BOTTOM PERF. 5000 PSI @ 6420'- 4770 PSI HYDR + 1050 PSI = 5820 PRESSURE BLED TO 900 PSI IN 9 MIN. HELD 1050 PSI FOR 30 MIN. NO BLEED OFF ANYWHERE. PSI PRESSURE TO 1050 WITH ONE GAL HOLE. 225 BBLS MUD. R.M.

DRILLER: Paul Smart

DAY TOUR

FOOTAGE

FROM	TO	HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	8⁰⁰	8³⁰	½	CIRC. W/DOWELL
	8³⁰	10⁰⁰	1½	SET PACKER + PRESSURE UP ANNULUS TO 1000
				NO BLEED OFF
	10⁰⁰			ON SEAT PACKER + PULL OUT SLOWLY
	2³⁰	2⁷⁰	½	CHAIN OUT
	2³⁰	4⁰⁰		TRY TO LOST PACKER IN HOLE TRY TO
				WHEN PULLING OUT WITH MODEL 410 PACKER THE TOOL CUT MOMENTARILY AT @ 460'. COULD STOP THE DRAWORKS INDICATOR READING JUMPED TO 300 000 LB. AND THEN THE OUT OF THE HOLE WITH MANDRIL PULLED OUT OF THE PACKER NUT AND ONE UPWARD SLIPDOG. MISSING.

DRILLER: T. Kobut

EVENING TOUR

FOOTAGE

FROM	TO	HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	4⁰⁰	4⁴⁵		R/U SER ✓ BOPS
19	4⁴⁵			RUN MAGNET RETRIEVE SLIPS + SPRING
		12	7¼	RUN SET TOOL MISC RUN 4 TIMES
				WENT BACK IN WITH RETRIEVED PART OF THE ASSEMBLY AND SCREWED INTO THE FISH, PULL COULD NOT GET GOOD ENOUGH HOLD TO PULL IT OUT. HAD WELDER CONSTRUCT A FISHING SPEAR OUT OF 2" PIPE WITH A LATCH CATCH. BUT COULD NOT PICK THE PACKER UP WITH EITHER. ORDERED FISHING SPEAR FROM EDMONTON.

DRILLER: Paul Smart

CP-38 (9/70)

DAILY DRILLING REPORT

WELL NAME: Shell Ste Francoise Beauce #1

LOCATION: Lot: 723-200 Rg 11 Canton Lotbinière

PROVINCE: Que.

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: J. Hebert D

CONTRACTOR: Becant Drilling Ltd

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: Mike Mark

RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
7116	7116		945	81	1	28	72

945

DP / DC SIZE	WT / FT	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP #	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3 1/2	15	E	4 1/2	4 1/2	IF	1	OILWELL	560P	8"
4 3/4			4 1/4	4 3/4	IF	2	EPISCO	700D	16"

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	RB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7 5/8	24 & 29/40		6559	17.35	6559		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING		4	4	
6	TRIPS	4 1/4	6 3/4	3 1/4	14 3/4
7	RIG SERVICE	1/4		1/4	1/2
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.	2 1/2			2 1/2
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS		3 1/2	3 1/2	7
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING		1/4		1/4
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	24	24	24
	HOURS FOR SHELL ACCOUNT		24		24
CODE FOR REMARKS	BOILER	6	18		24

Certificate Stable Pkg.

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

CHECK STAB 143 1/4 HRS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			FT.
		BIT		FT.
12	DU	I.D. x O.D.	7627.55	FT.
RS	Tool	I.D. x O.D.	9.18	FT.
8	DU	I.D. x O.D.		FT.
5	HW	I.D. x O.D.	460.11	FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
172	D.P.	STANDS	5937	FT.
	D.P.	SINGLES		FT.
	KELLY DOWN			FT.
	TOTAL			FT.
W.T. OF DC				LBS.
W.T. OF STRING				LBS.

BIT RECORD

BIT NO.	Reed Tool Co.
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B 1/8" GAGE	

J. Higgins — Jan 8/72
C. Sprague — Jan 5/72
D. Brown — Jan 16/72
N. Clifford — Jan 16/72
M. Jordan Jan 6/72 (Mechanic)

HOLE CONDITION

1	HOLE DRAG (1000#)	
2	TORQUE AT BOTTOM	(UP TURNS)
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	Varies Out
FUNNEL VIS. SEC.	
PV/YP	
GELS	
W.L.-C.C.	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
T.D.	7116													

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
11	12 00	12 15	1/4	Rig Ser Check BOPs.
6	12 15	1 15	1	Finish Out.
20	1 15	3 45	2 1/2	Make up Test Tool
6	3 45	7 30	3 3/4	R.I.H. Fill 3500' Water Cushion.
16	7 30	8 00	1/2	Head up To Test.

143 1/4 hrs on Christ Stab.

DRILLER: C. Sprague

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			FT.
		BIT		FT.
1	Cas Scrap	I.D. x O.D.	3.87	FT.
1	EG	I.D. x O.D.	5.93	FT.
20	DU	I.D. x O.D.	624.55	FT.
5	HW	I.D. x O.D.	460.11	FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
56	D.P.	STANDS	5345	FT.
1	D.P.	SINGLES	30.05	FT.
	KELLY DOWN		42	FT.
	TOTAL		6533	FT.
W.T. OF DC			30	LBS.
W.T. OF STRING			150	LBS.

BIT RECORD

BIT NO.	29RR
SIZE	6 3/4
MFG.	RM
TYPE	RWC
SERIAL NO.	VH142
JETS 1/32"	15 15 15
DEPTH OUT	7116
DEPTH IN	7077
TOTAL FOOTAGE	39
TOTAL HRS. RUN	10 1/2
BIT CONDITION 1/8'S T/B 1/8" GAGE	R.R

R. Gray — Jan 8/72
E. Holland — Jan 11/72
D. Cotnoir — Jan 6/72
R. Leclerc — Jan 11/72
D. Charron — Jan 11/72

HOLE CONDITION

1	HOLE DRAG (1000#)	
2	TORQUE AT BOTTOM	(UP TURNS)
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	Varies Out
FUNNEL VIS. SEC.	
PV/YP	
GELS	
W.L.-C.C.	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
	7116													

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
11	6 00	7 15	1 1/4	TRH SET PACKER ON DST #2
6	7 15	8 15	1	PICK UP SLOW
20	1 15	2 15	1	LAY DOWN TEST TOOLS
6	2 15	4 00	2 3/4	FINISHED PICK CCB SCRAPER RUN IN

DST #2 6695 - 7116 Sussex - Packer Seat
Ran 3565' (23.5) water cushion. Failed
Rec. 3595' (23.5 bbls) water cushion
and 430' (2.5 bbls) gasified mud

27 STB OIL / 30 WATER
5 MUD

DRILLER: Pat Sd

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			FT.
1		BIT		FT.
1	EG 2	I.D. x O.D.	3.87	FT.
20	DU 2	I.D. x O.D.	5.95	FT.
45	HW 5	I.D. x O.D.	624.55	FT.
		I.D. x O.D.	460.11	FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
56	D.P.	STANDS		FT.
1	D.P.	SINGLES	5395.43	FT.
	KELLY DOWN		42	FT.
	TOTAL		6531.84	FT.
W.T. OF DC			70	LBS.
W.T. OF STRING			146	LBS.

BIT RECORD

BIT NO.	29
SIZE	6 3/4
MFG.	SEC
TYPE	GWC
SERIAL NO.	VH142
JETS 1/32"	15 15 15
DEPTH OUT	Reed Tool Co.
DEPTH IN	Varies Out
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B 1/8" GAGE	

J. McNutt — Jan 13/72
R. Blouin — Jan 15/72
A. Sprague — Jan 7/72
E. Noel — Jan 15/72
J. DesRosiers — Jan 15/72

HOLE CONDITION

1	HOLE DRAG (1000#)	
2	TORQUE AT BOTTOM	(UP TURNS)
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	
WEIGHT	14.3
FUNNEL VIS. SEC.	80
PV/YP	/ / /
GELS	/ / /
W.L.-C.C.	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
								1600		5	90			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	4 00	6 15	2 1/4	RUN IN WITH CASING SCRAPER + DIT TO 6531 FT.
	6 15	7 00	3/4	BLOW KELLY + BACK CIRC. START DE GASSER
	7 00	11 00	4	CIRC.
	11 00	12 00	1	BLOW KELLY + PULL OUT

DRILLER: Joe Robert

DAILY DRILLING REPORT

WELL NAME: Shell Ste Francoise Romaine #1

LOCATION: LOT 723-200 RG II COMTÉ MATANE | PROVINCE: QUÉBEC

OPERATOR: Shell Canada Limited — SIGNATURE OF OPERATOR'S REPRESENTATIVE

CONTRACTOR: RECOAT DRILLING LTD — SIGNATURE OF CONTRACTOR'S REPRESENTATIVE

RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE: MONTH	DAY	YEAR
7077	7106	29	94 1/2	80	1	27	72

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7 5/8	29.7/26		6559	17 FT	6559		

DP. / DC. SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3 1/2	15	G	2 7/8	4 1/2	IF	1	OILWELL	660 HP	8
4 3/4				4 3/4	IF	2	EMSCO	700 HP	16

TIME DISTRIBUTION — HOURS

CODE	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL		7 1/4		
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING	1 1/4			
6	TRIPS	7 1/4			
7	RIG SERVICE	1/4	1/4		
8	RIG REPAIR				
9	CUT-AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	4	8		
	HOURS FOR SHELL ACCOUNT				
ACCUMULATED HOURS	BOILER	4	8	8	24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY — AT END OF TOUR

NO.	CODE			FT.
		BIT		FT.
1	SI	I.D. 2 x O.D. 6 1/4		3.78 FT.
1	DC	I.D. 2 x O.D. 4 3/4		6.44 FT.
1	SI	I.D. 2 x O.D. 6 1/4		3.32 FT.
1	DM	I.D. 3 x O.D. 4 3/4		24.41 FT.
1	SI	I.D. 2 x O.D. 6 1/4		4.62 FT.
20	DC	I.D. 2 1/2 x O.D. 4 3/4		624.55 FT.
15	HW	I.D. 3 x O.D. 4 1/2		460.11 FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		D.P. STANDS		FT.
		D.P. SINGLES		FT.
		KELLY DOWN		FT.
		TOTAL		FT.
		WT. OF DC	70	LBS.
		WT. OF STRING	150	LBS.

BIT RECORD

BIT NO.	29
SIZE	6 3/4
MFG.	HW
TYPE	OWC
SERIAL NO.	VH1142
JETS 1/32"	16 16 16
DEPTH OUT	
DEPTH IN	7077
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8|S T/B|1/8" GAGE	

HOLE CONDITION

1. HOLE DRAG (1000 #)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME	
WEIGHT	
FUNNEL VIS.-SEC.	
PV/YP	/ / /
GELS	/ / /
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7077	7077	0												

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION
5060	4° S	4° S-85W						

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
7	1200	1215	1/4	Rig Ser.
6	1215	745	7 1/2	Trip For. Bit Chg.
5	745	800	1/4	Wash. 30' To Bottom.
				375 BBLS VOLUME

DRILLER: C Lessard

DAY TOUR

DRILLING ASSEMBLY — AT END OF TOUR

NO.	CODE			FT.
		BIT		FT.
1	SI	I.D. 2 x O.D. 6 1/4		3.78 FT.
1	DC	I.D. 2 x O.D. 4 3/4		6.54 FT.
1	SI	I.D. 2 x O.D. 6 1/4		3.32 FT.
1	DM	I.D. 3 x O.D. 4 3/4		24.88 FT.
1	SI	I.D. 2 x O.D. 6 1/4		4.62 FT.
20	DC	I.D. 2 1/2 x O.D. 4 3/4		624.55 FT.
15	HW	I.D. 3 x O.D. 4 1/2		460.11 FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
62	D.P.	STANDS	5839.36	FT.
	D.P.	SINGLES		FT.
		KELLY DOWN	38	FT.
		TOTAL	7106	FT.
		WT. OF DC	70	LBS.
		WT. OF STRING	160	LBS.

BIT RECORD

BIT NO.	29
SIZE	6 3/4
MFG.	HW
TYPE	OWC
SERIAL NO.	VH1142
JETS 1/32"	M M M
DEPTH OUT	
DEPTH IN	7077
TOTAL FOOTAGE	29
TOTAL HRS. RUN	7 3/4
BIT CONDITION 1/8|S T/B|1/8" GAGE	

HOLE CONDITION

1. HOLE DRAG (1000 #)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME	8 — 12
WEIGHT	14+ — 14.8
FUNNEL VIS.-SEC.	64 — 56
PV/YP	/ / /
GELS	/ / /
W.L.-C.C.	14.8 — 14+
F.C. 1/32"	3/32 — 3 1
PH	12.5 — 12.7
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
STAFLO	50 #		
PLRIM	50 #		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7077	7106	7 1/4	D		SHALE	30 M	60	1500		5	90			COMP.

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
1	800	815	1/4	RIG SER ✓ BOPS.
2	815	800		
				375 BBLS VOLUME
				160 1/2 hrs. ON CHRISTISEN STAB

DRILLER: Robert Sr

EVENING TOUR

DRILLING ASSEMBLY — AT END OF TOUR

NO.	CODE			FT.
		BIT		FT.
1	SI	I.D. 2 x O.D. 6 1/4		3.78 FT.
1	DC	I.D. 2 x O.D. 4 3/4		6.54 FT.
1	SI	I.D. 2 x O.D. 6 1/4		3.32 FT.
1	DM	I.D. 3 x O.D. 4 3/4		24.88 FT.
1	SI	I.D. 2 x O.D. 6 1/4		4.62 FT.
20	DC	I.D. 2 1/2 x O.D. 4 3/4		624.55 FT.
15	HW	I.D. 3 x O.D. 4 1/2		460.11 FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
61	D.P.	STANDS		FT.
1	D.P.	SINGLES	5971.43	FT.
		KELLY DOWN	17.5	FT.
		TOTAL	7116	FT.
		WT. OF DC	30 000	LBS.
		WT. OF STRING	1	LBS.

BIT RECORD

BIT NO.	29
SIZE	6 3/4
MFG.	HW
TYPE	OWC
SERIAL NO.	VH1142
JETS 1/32"	16 16 16
DEPTH OUT	7116
DEPTH IN	7077
TOTAL FOOTAGE	39
TOTAL HRS. RUN	10 1/4
BIT CONDITION 1/8|S T/B|1/8" GAGE	

HOLE CONDITION

1. HOLE DRAG (1000 #)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME	
WEIGHT	
FUNNEL VIS.-SEC.	
PV/YP	/ / /
GELS	/ / /
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
	50 #		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7106	7116		D			30	60	1500		5	90			

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
7	400	415	1/4	RIG SER
2	415	700	2 3/4	DRILL 6 3/4" HOLE
	700	900	2	CIRC. TO TIGHT
	900	1200	3	BLOW KELLY + PULL OUT
				143 1/4 HRS ON CHRISTISEN STAB
				365 BBLS OF MUD IN TANKS

DRILLER: Joe Robert

CP-38 (3/70)

DAILY DRILLING REPORT

WELL NAME: SHELL STE. FRANCOISE ROMAINE #1

LOCATION: LOT 723-200 RGE 11 CANTE LOTBINIERE

PROVINCE: QUE

915 1/4

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: A. Mulfinick

CONTRACTOR: REGENT DRILLING LTD.

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Hebert

RIG NO.: SIX

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
7020	7777	57	934 1/2	79.	1	26	72.

DP. / DC. SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT. O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3 1/2	15.5	G		4 3/4	IF	1	OILWELL	560-P	8"
4 3/4					IF	2	EMSCO	D-700	16"

LAST CASING TUBING OR LINER

SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
7 5/8"	24/29/40	157	6566'	17.35	6559'	500 EB	

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7 3/4	5 1/4	7 3/4	19 1/4
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS				
7	RIG SERVICE	1/4	1/4	1/4	3/4
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY			1/2	1/2
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.	2 1/2		2 1/2	
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	8042.			24
EQUIPMENT DOWN	BOILER	8	8	8	24
	Centrifuge stdby 24h				

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	I.D.	O.D.	FT.
1	51		2	8 3/4	9.78 FT.
1	OC		2 x 4 3/4		6.84 FT.
1	51		2 x 8 3/4		3.32 FT.
1	DM		2 x 4 3/4		24.88 FT.
1	51		2 x 8 3/4		4.42 FT.
20	OC	2 3/4 x 4 3/4			624.55 FT.
15	HW	2 3/4 x 4 3/4			460.11 FT.
					FT.
					FT.
					FT.
61	D.P.	STANDS			FT.
1	D.P.	SINGLES			5875.30
		KELLY DOWN			38.60'
		TOTAL			7042.00 FT.
		WT. OF DC			30 000 LBS.
		WT. OF STRING			157 000 LBS.

BIT RECORD

BIT NO.	28
SIZE	6 3/4
MFG.	SEC
TYPE	M4N
SERIAL NO.	358821
JETS 1/32"	15/15/15
DEPTH OUT	
DEPTH IN	6982.
TOTAL FOOTAGE	60
TOTAL HRS. RUN	18 1/4
BIT CONDITION 1/8'S T/B 1/8" GAGE	Drlg.

HOLE CONDITION

1 HOLE DRAG (1000 #)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	12:00	4:00	8:00
WEIGHT	14.5	14.6	14.6
FUNNEL VIS.-SEC	58	58	61
PV / YP	/	/	/
GELS	/	/	/
W.L.-C.C.			16
F.C. 1/32"			3/32
PH			12.5
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7020	7042	7 3/4	D		SHALE	30	60	2000		5"	100	6"		

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	12:00	12:15	1/4	Rig Ser Check BOPs.
2	12:15	8:00	7 3/4	Drlg
				95 1/4 Hrs ON Christ Stabilizers.
				350 Bbls Tank Reading.

DRILLER: C. Lapointe

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	I.D.	O.D.	FT.
1	51				3.32 FT.
1	OC				6.84 FT.
1	51				3.32 FT.
1	DM				24.88 FT.
1	51				4.42 FT.
20	OC				624.55 FT.
15	HW				460.11 FT.
					FT.
					FT.
					FT.
61	D.P.	STANDS			5907.34
2	D.P.	SINGLES			FT.
		KELLY DOWN			22 FT.
		TOTAL			7057 FT.
		WT. OF DC			LBS.
		WT. OF STRING			LBS.

BIT RECORD

BIT NO.	28
SIZE	6 3/4
MFG.	M4N
TYPE	358821
SERIAL NO.	SEC
JETS 1/32"	15/15/15
DEPTH OUT	
DEPTH IN	6982
TOTAL FOOTAGE	75
TOTAL HRS. RUN	23 1/2
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000 #)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	6	17	1
WEIGHT	14.2	14.1	14
FUNNEL VIS.-SEC	48	52	50
PV / YP			
GELS			
W.L.-C.C.			15.0
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7042	7052	5 1/4	D		SHALE	25	50	2000		5"	100			

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	8:00	8:15	1/4	RIG SER vBOPs.
2	8:15	1:30	5 1/4	DRLG.
	1:30	4:00	2 1/2	BLOW FLARE LINES

DRILLER: Paul Smith

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	I.D.	O.D.	FT.
1	51				3.78
1	OC				6.84
1	51				3.32
1	DM				24.88
1	51				4.42
20	OC				624.55
15	HW				460.11
					FT.
					FT.
					FT.
61	D.P.	STANDS			FT.
2	D.P.	SINGLES			5907.34
		KELLY DOWN			42 FT.
		TOTAL			7077.34
		WT. OF DC			30 000 LBS.
		WT. OF STRING			152 000 LBS.

BIT RECORD

BIT NO.	28
SIZE	6 3/4
MFG.	SEC
TYPE	M4N
SERIAL NO.	358821
JETS 1/32"	15/15/15
DEPTH OUT	7077.
DEPTH IN	6982
TOTAL FOOTAGE	95
TOTAL HRS. RUN	30 3/4
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000 #)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME			
WEIGHT	14.2	14.2	14.2
FUNNEL VIS.-SEC	58	58	60
PV / YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
12 ppg	BARITES		
50 #	STAR FLOW		
50 #	FLR-100		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
7052	7077	7 1/4			SHALE	35	60	2000		5 7/8"	100			

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	4:00	4:15	1/4	RIG SER
2	4:15	11:30	7 1/4	DRILL 6 3/4" HOLE
	11:30	12:00	1/2	DROP SURVEY & BLOW KELLY
				107 3/4 HRS ON CHRIST STABILIZERS
				375 BBLS OF MUD IN TANKS

DRILLER: Joe Kohut

DAILY DRILLING REPORT

(F-38 (9/70))

WELL NAME: Shell Ste Francoise Boisaine #1

LOCATION: 46I/27 - 200 Page 11 Carte Lot bifurc

PROVINCE: Que

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: A. Aliaffaith

CONTRACTOR: Regent Drilling Ltd.

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Lachance

RIG NO. 6.

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
6965.	7020	55	915 1/4	78	1	25	72

900.

DP / DC SIZE	WT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3 1/2	15.5	G		4 3/4	I F	1	O.L Well.	360P	8"
4 3/4					I F	2	EPISCO	700D	16"

LAST CASING, TUBING OR LINER

SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT USED (SACKS)
7 5/8	29/29.40	157	6566.	17.35	6559	500 68

REMARKS

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	4 3/4	2 3/4	7 1/2	15 1/4
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING		1/4		1/4
6	TRIPS	2 3/4	4		6 3/4
7	RIG SERVICE	1/4	1/4	1/2	1 1/4
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE		3/4		3/4
10	DEVIATION SURVEY	3/4			3/4
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	4	8	24
	HOURS FOR SHELL ACCOUNT				
CODE NO.	BOILER	8	4	8	24

Centrifuge Stdby 24h

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT / DESCRIPTION	FT.
1	SI	BIT	
1	DC	3 x 6 3/8	378 FT
1	SI	3 x 4 3/4	6.84 FT
1	DM	3 x 6 3/8	3.32 FT
1	SI	3 x 6 3/8	24.88 FT
20	DC	3 1/2 x 4 3/4	462 FT
15	HW	3 1/2 x 4 3/4	630.55 FT
			460.11 FT
		I.D. X O.D.	FT
		I.D. X O.D.	FT
		I.D. X O.D.	FT
20	D.P.	STANDS	FT
2	D.P.	SINGLES	581.52 FT
		KELLY DOWN	42.08 FT
		TOTAL	6982 FT
		WT. OF DC	30 000 LBS.
		WT. OF STRING	150 000 LBS.

BIT RECORD

BIT NO.	27
SIZE	6 3/4
MFG.	SEC
TYPE	M4N
SERIAL NO.	358812
JETS 1/32"	15 15 15
DEPTH OUT	6982
DEPTH IN	6845
TOTAL FOOTAGE	137
TOTAL HRS. RUN	28 1/2
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)
2 TORQUE AT BOTTOM (DP TURNS)
3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	12.00.	4.00.
WEIGHT	14.1	14.1
FUNNEL VIS.-SEC.	55	56.
PV/YP	/	/ /
GELS	/	/ /
W.L.-C.C.		
F.C. 1/32"		
PH		
% OIL		
% SAND		

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Baite	2000#		

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6965	6982	4 3/4	0		Shale	30	60	2000		5	100			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

MORNING TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	12 00	12 15	1/4	Rig Ser. Check Bops.
2	12 15	5 00	4 3/4	Drlg.
10	5 00	5 45	3/4	Drop Survey
6	5 45	8 00	2 1/4	Blow Kelly & P.O.H.
				Tank Reading 410 BBLs.
				77 hrs ON Christ Stabilizers

DRILLER: C. Lafrague

DAY TOUR

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6982		2 3/4	0		SHALE	25/30	60	2000		5	100	6		comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
6	8 00	9 15	1 1/4	FINISH OUT
7	9 15	9 30	1/4	SER RIG. CHECK BLIND RAMS
6	9 30	11 30	2	CHANGE BIT R.I.H. SLOW
6	11 30	12 15	3/4	SLIP LINE
6	12 15	1 00	3/4	FINISH IN
5	1 00	1 15	1/4	BREAK CIRC
2	1 15	4 00	2 3/4	ORLG
				29 1/4 HRS ON CHRIST STAB

DRILLER: Paul Sing

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT / DESCRIPTION	FT.
1	SI	BIT	
1	DC	3 x 6 3/8	3.78 FT
1	SI	3 x 4 3/4	6.84 FT
1	DM	3 x 6 3/8	3.32 FT
1	SI	3 x 6 3/8	24.88 FT
20	DC	3 1/2 x 4 3/4	4.62 FT
15	HW	3 1/2 x 4 3/4	624.55 FT
			460.11 FT
		I.D. X O.D.	FT
		I.D. X O.D.	FT
		I.D. X O.D.	FT
61	D.P.	STANDS	5843.81 FT
	D.P.	SINGLES	FT
		KELLY DOWN	25 FT
		TOTAL	6995 FT
		WT. OF DC	30 LBS.
		WT. OF STRING	150 LBS.

BIT RECORD

BIT NO.	28
SIZE	6 3/4
MFG.	SEC
TYPE	M4N
SERIAL NO.	358821
JETS 1/32"	15 15 15
DEPTH OUT	
DEPTH IN	6982
TOTAL FOOTAGE	13
TOTAL HRS. RUN	2 3/4
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)
2 TORQUE AT BOTTOM (DP TURNS)
3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME		2.00	
WEIGHT		13.8	
FUNNEL VIS.-SEC.		53	
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

EVENING TOUR

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6995	7020	7 3/4			SHALE	30	60	2000		5	100			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	9 00	4 15	1/4	RIG SER
2	4 15	12 00	7 3/4	DRILL 6 3/4" HOLE
				400 BBLS
				87 - 1/2 HRS. ON CHRIST STABILIZERS

DRILLER: Jac Lachance

DAILY DRILLING REPORT

CP-38 (8/70)

WELL NAME: Shell Ste Francoise Romaine #1

LOCATION: Lot 723-240 Rge 11 Comte Lotbiniere — PROVINCE: Que.

OPERATOR: Shell Canada Limited — SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Thurlow

CONTRACTOR: Regent Drilling Ltd. — SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Gibson — RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
6847	6965	118	900	77	1	24	72

876 3/4

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7 5/8	26/29.40	157	6566	17.35	6559	500 / 50	

DP. / DC. SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT. O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3 1/2	15.5	G.		4 3/4	I F	1	O.I. WELL	560P	8"
4 3/4					I F	2	EMSCO	700D	16"

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7 3/4	7 3/4	7 3/4	23 1/4
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATE				
6	TRIPS				
7	RIG SERVICE	1/4	1/4	1/4	3/4
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	8	8	8	24
CONTRACTOR'S EQUIPMENT	BOILER	8	8	8	24

Centrifuge Sidly 24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	I.D.	O.D.	FT.
1	SI		2	6 3/4	3.78 FT.
1	DC		2	4 3/4	6.84 FT.
1	SI		2	6 3/4	3.32 FT.
1	DM		2	4 3/4	24.88 FT.
1	SI		2	6 3/4	4.62 FT.
20	DC		2 1/4	4 3/4	624.55 FT.
15	HW		2 7/16	4 3/4	460.11 FT.
			I.D.	O.D.	FT.
			I.D. x	O.D.	FT.
			I.D. x	O.D.	FT.
60	D.P.	STANDS			5748.39
	D.P.	SINGLES			FT.
		KELLY DOWN			13.51 FT.
		TOTAL			6890 FT.
		WT. OF DC			30 000 LBS.
		WT. OF STRING			150 000 LBS.

BIT RECORD

BIT NO.	27
SIZE	6 3/4
MFG.	SEC
TYPE	M4N
SERIAL NO.	358812
JETS 1/32"	15 15 15
DEPTH OUT	
DEPTH IN	6845
TOTAL FOOTAGE	45
TOTAL HRS. RUN	8 1/4
BIT CONDITION 1/8'S T/B 1/8" GAGE	Drlg

HOLE CONDITION

1 HOLE DRAG (1000 #)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	12 00	4 00	8 00
WEIGHT	13.8	14.1	14.1
FUNNEL VIS.-SEC.	43	46	49
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			21
F.C. 1/32"			
PH			12.5
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Barite	6000#		
FLR 100	100#		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6847	6890	7 3/4	D		Shale	30	60	2000		5"	100			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
7	12 00	12 15	1/4	Rig Ser Check. Bops + Motor Krlls. OK.
2	12 15	8 00	7 3/4	Drlg
				56 3/4 Hrs ON Christ Stablizers.

DRILLER: C. Savoie

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	I.D.	O.D.	FT.
1	SI		2	6 3/4	3.78 FT.
1	DC		2	4 3/4	6.84 FT.
1	SI		2	6 3/4	3.32 FT.
1	DM		2	4 3/4	24.88 FT.
1	SI		2	6 3/4	4.62 FT.
20	DC		2 1/4	4 3/4	624.55 FT.
15	HW		2 7/16	4 3/4	460.11 FT.
			I.D.	O.D.	FT.
			I.D. x	O.D.	FT.
			I.D. x	O.D.	FT.
60	D.P.	STANDS			FT.
(	D.P.	SINGLES			57[illegible] FT.
		KELLY DOWN			19 FT.
		TOTAL			6929 FT.
		WT. OF DC			30M LBS.
		WT. OF STRING			150M LBS.

BIT RECORD

BIT NO.	27
SIZE	6 3/4
MFG.	SEC
TYPE	M4N
SERIAL NO.	358812
JETS 1/32"	15 15 15
DEPTH OUT	
DEPTH IN	6845
TOTAL FOOTAGE	84
TOTAL HRS. RUN	16
BIT CONDITION 1/8'S T/B 1/8" GAGE	DRLG

HOLE CONDITION

1 HOLE DRAG (1000 #)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	9	11	2
WEIGHT	13.9	14 0	14.1
FUNNEL VIS.-SEC.	50	51	53
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.	2 0		
F.C. 1/32"	4/32		
PH	13.5		
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
FLR 100	50#		
SCAL 1	50#		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6890	6929	7 3/4	D		SHALE	30	60	200		5"	100			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
7	8 00	8 15	1/4	SER RIG CHECK BOPS.
2	8 15	4 00	7 3/4	DRLG
				MUD VOLUME 450 BBLS 64 1/2 HRS ON CHRIST STAB

DRILLER: Paul Brown

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	I.D.	O.D.	FT.
1	SI		2	6 3/4	3.78 FT.
1	DC		2	4 3/4	6.84 FT.
1	SI		2	6 3/4	3.32 FT.
1	DM		2	4 3/4	24.88 FT.
1	SI		2	6 3/4	4.62 FT.
20	DC		2 1/4	4 3/4	624.55 FT.
15	HW		2 7/16	4 3/4	460.11 FT.
			I.D.	O.D.	FT.
			I.D. x	O.D.	FT.
			I.D. x	O.D.	FT.
61	D.P.	STANDS			FT.
2	D.P.	SINGLES			581/182
		KELLY DOWN			25.52
		TOTAL			6965 FT.
		WT. OF DC			30 [illegible] LBS.
		WT. OF STRING			150 [illegible] LBS.

BIT RECORD

BIT NO.	27
SIZE	6 3/4 SEC
MFG.	M4N
TYPE	358812
SERIAL NO.	
JETS 1/32"	15 15 15
DEPTH OUT	
DEPTH IN	6845
TOTAL FOOTAGE	120
TOTAL HRS. RUN	23 3/4
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000 #)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

WT	14.1	14.0	14.1
VIS	54	54	58
FUNNEL VIS.-SEC.			
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.		13.6	
F.C. 1/32"		4/32	
PH		12.5	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
STAFLO	50		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6929	6965	7 3/4			SHALE	30	60	2000		5"	100			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
	4 00	4 15	1/4	RIG SER
	4 15	12 00	7 3/4	DRILL 6 3/4" HOLE
				MUD VOLUME 450 BBLS 72 1/2 HRS ON CHRIST STABILIZERS

DRILLER: Joe Robert

CP-38 (9/70)

DAILY DRILLING REPORT

WELL NAME: Shell Ste Francoise Normine #1

LOCATION: Lot 723-200 Rge. 11 Canton. Lot D'Autray — PROVINCE: Que

OPERATOR: Shell Canada Limited — SIGNATURE OF OPERATOR'S REPRESENTATIVE: G. Mcffrink

CONTRACTOR: Bregent Drilling LTd — SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Hubbard — RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
6768	6847	79	876 3/4 (859)	76	1	23	72

DP / DC. SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD
3 1/2	15.5	Q		4 3/4	3½ IF
4 3/4					

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OILWELL	500P	8"
2	EMSCO	700D	16"

LAST CASING TUBING OR LINER: SIZE 7 5/8 — WT. AND GR. 33.7/40 — NO. OF JOINTS 157 — FEET 6506 — KB. TO CSG. HEAD 17.35 — SET AT 6559 — CEMENT USED (SACKS) 500-50

REMARKS:

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7 3/4	7 3/4	2 3/4	17 1/2
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING			1/4	3/4
6	TRIPS			5 1/2	5 1/2
7	RIG SERVICE	1/4	1/4		1/2
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
	BOILER	8	8	8	24

Centralizer Stab 24½

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT		FT.
1	SI	2 x 6 3/4		3.78 FT
1	DC	2 x 6 3/4		6.84 FT
1	SI	2 x 6 3/4		3.32 FT
1	DM	2 x 6 3/4		24.88 FT
1	SI	2 x 6 3/4		4.62 FT
20	DC	2 1/4 x 4 3/4		624.55 FT
15	HW	2 1/8 x 4 1/2		460.11 FT
				FT.
				FT.
59	D.P.	STANDS		5652 1/4 FT
1	D.P.	SINGLES		FT.
		KELLY DOWN		27.16 FT
		TOTAL		6808 FT
		WT. OF DC		30000 LBS
		WT. OF STRING		150000 LBS

BIT RECORD

BIT NO.	26
SIZE	6 3/4
MFG.	Sec.
TYPE	M4N
SERIAL NO.	359814
JETS 1/32"	15 15 15
DEPTH OUT	
DEPTH IN	6724
TOTAL FOOTAGE	84
TOTAL HRS. RUN	15 1/2
BIT CONDITION 1/8'S T/B 1/8" GAGE	Dalg

HOLE CONDITION

1 HOLE DRAG (1000 #)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	12 00	4 00	8 00
WEIGHT	13	13	13
FUNNEL VIS.-SEC.	50	50	50
PV/YP	/	/	/
GELS.	/	/	/
W.L.-C.C.			13.
F.C. 1/32"			
PH		12.0	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Gel	1500#		
Salt Gel	500#		
Barite	500		

FOOTAGE

FROM	TO	ROT. HOURS	DR'D RM'R CORE'C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6768	6808	7 3/4	0		Shale	30	60	2000		5"	100			

DEVIATION RECORD

DEPTH	DEVIATION*	DIRECTION	DEPTH	DEVIATION*	DIRECTION	DEPTH	DEVIATION*	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	12 00	12 15	1/4	Rig Ser.
2	12 15	8 00	7 3/4	Drlg

39 HRS ON CHRISTISAN STAB.

DRILLER: C. Savard

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT		FT.
1	SI	2 x 6 3/4		3.78 FT
1	DC	2 x 6 3/4		6.84 FT
1	SI	2 x 6 3/4		3.32 FT
1	DM	2 x 6 3/4		24.88 FT
1	SI	2 x 6 3/4		4.62 FT
20	DC	2 1/4 x 4 3/4		624.55 FT
15	HW	2 1/8 x 4 1/2		460.11 FT
				FT.
				FT.
59	D.P.	STANDS		5684 FT
1	D.P.	SINGLES		FT.
		KELLY DOWN		26 FT
		TOTAL		FT.
		WT. OF DC		LBS.
		WT. OF STRING		LBS.

BIT RECORD

BIT NO.	26
SIZE	6 3/4
MFG.	SEC
TYPE	M4N
SERIAL NO.	359814
JETS 1/32"	15 15 15
DEPTH OUT	
DEPTH IN	6724
TOTAL FOOTAGE	114
TOTAL HRS. RUN	23 3/4
BIT CONDITION 1/8'S T/B 1/8" GAGE	2 4 1/16

HOLE CONDITION

1 HOLE DRAG (1000 #)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	10	12	9
WEIGHT	13.4	13.6	13.9
FUNNEL VIS.-SEC.	45	46	47
PV/YP			19/16
GELS.	/	/	17/26
W.L.-C.C.	20		16.8
F.C. 1/32"	3		3
PH	12.5		12.5
% OIL			
% SAND			
SOL. 10.5			29.1

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
SALT GEL	700#		
BARITE	33000#		
STAFLOW	100		
CAUSTIC SODA	100		

FOOTAGE

FROM	TO	ROT. HOURS	DR'D RM'R CORE'C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6808	6834	7 3/4	D		SHALE	30	60	1600		5"	100			

DEVIATION RECORD

DEPTH	DEVIATION*	DIRECTION	DEPTH	DEVIATION*	DIRECTION	DEPTH	DEVIATION*	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	8 00	8 15	1/4	SER RIG CHECK BOPS
2	8 15	4	7 3/4	DRLG

46 3/4 HRS ON CHRISTISON STABILIZERS

DRILLER: Ralph

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT		FT.
1	SI	2 x 6 3/4		3.78 FT
1	DC	2 x 6 3/4		6.84 FT
1	SI	2 x 6 3/4		3.32 FT
1	DM	2 x 6 3/4		24.88 FT
1	SI	2 x 6 3/4		4.62 FT
20	DC	2 1/4 x 4 3/4		624.55 FT
15	HW	2 1/8 x 4 1/2		460.11 FT
				FT.
				FT.
59	D.P.	STANDS		5684.83 FT
1	D.P.	SINGLES		FT.
		KELLY DOWN		34.07 FT
		TOTAL		6847 FT
		WT. OF DC		30000 LBS
		WT. OF STRING		150000 LBS

BIT RECORD

BIT NO.	26	27
SIZE	6 3/4	6 3/4
MFG.	SEC	SEC
TYPE	M4N	M4N
SERIAL NO.	359814	359814
JETS 1/32"	15 15 15	15 15 15
DEPTH OUT	6834	
DEPTH IN	6724	6845
TOTAL FOOTAGE	121	2
TOTAL HRS. RUN	25	1/2
BIT CONDITION 1/8'S T/B 1/8" GAGE		

HOLE CONDITION

1 HOLE DRAG (1000 #)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME			
WEIGHT			
FUNNEL VIS.-SEC.			
PV/YP			
GELS.	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR'D RM'R CORE'C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6834	6847	2 1/4				30	60	2000		5"	100			

DEVIATION RECORD

DEPTH	DEVIATION*	DIRECTION	DEPTH	DEVIATION*	DIRECTION	DEPTH	DEVIATION*	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	1000	5 45	1 3/4	DRILL 8 3/4" HOLE
	5 45	11 15	5 1/2	PULL OUT + CHANGE BITS + RUN IN HOLE
	11 15	11 30	1/4	CLEAN TO BOTTOM
	11 30	12 00	1/2	DRILL 6 3/4" HOLE

49 HRS ON STABALIZERS

DRILLER: Joe Robert

DAILY DRILLING REPORT

WELL NAME: Shell Ste Francoise Romaine #1

LOCATION: Lot 723-200 Rge. 11 Comte Lotbinière — PROVINCE: Que.

OPERATOR: Shell Canada Limited — SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mulford

CONTRACTOR: Regent Drilling Ltd — SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Hallberg — RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DAY	YEAR
6694	6768	74	859	76	1	22	72

DP / DC SIZE	BIT NO.	CODE	MIN. I.D.	MAX. O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3 1/2 H 3 1/4					3 1/2 IF	1	O.L. Wall	560P	8.
					IF	2	Emsco	700P	16.

LAST CASING TUBING OR LINER: SIZE 7 5/8 — WT. AND GR. 26/29/40 — NO. OF JOINTS 157 — FEET 6566 — KB. TO CSG. HEAD 17.35 — SET AT 6559 — CEMENT USED (SACKS) 588 — REMARKS

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7 3/4	1	7 3/4	16 1/2
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING		1/2		1/2
6	TRIPS		5 3/4		5 3/4
7	RIG SERVICE	1/4	1/4	1/4	3/4
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY		1/4		1/4
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.		1/4		1/4
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
	BOILER	8	8	8	24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

BIT

1	St	12	2	x 3 5/8		3.78	FT
1	DC	2	x 4 1/4			6.84	FT
1	St	12	2	x 3 5/8		3.32	FT
1	DM	12	2	x 4 1/4		24.88	FT
1	St	12	2	x 3 5/8		4.63	FT
20	DC	3/4	4 1/4			624.55	FT
15	HW	3 1/2	4 1/4			460.11	FT
		I.D.	O.D.				FT
		I.D.	O.D.				FT
		I.D.	O.D.				FT
58	D.P.	STANDS				5556.91	FT
	D.P.	SINGLES					FT
	KELLY DOWN					35.99	FT
	TOTAL					6721.	FT

W.T. OF DC: 30,000 LBS. — W.T. OF STRING: 150,000 LBS.

BIT RECORD

BIT NO.	25
SIZE	6 3/4
MFG.	H.W.
TYPE	OWC
SERIAL NO.	TE916
JETS 1/32"	14/14/14
DEPTH OUT	
DEPTH IN	6646.
TOTAL FOOTAGE	75
TOTAL HRS. RUN	22 1/2
BIT CONDITION 1/8'S T/B | 1/8" GAGE	0 1/4

HOLE CONDITION

1 HOLE DRAG (1000 #)

2 TORQUE AT BOTTOM (OF TURNS)

3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	12 00	4 00	8 00
WEIGHT	13.	12.8	13.
FUNNEL VIS.-SEC	50.	49.	49
PV / YP	/	/	/
GELS	/	/	/
W.L.-C.C.			14
F.C. 1/32"			
PH			12.5
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Bent	9000 #		

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6694	6721	7 3/4			Shale	35	60	1800		5	100			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	12 00	12 15	1/4	Rig Ser. Check B.O.P's Function Test
2	12 15	8 00	7 3/4	Drlg

7 3/4 HRS ON CHRISTENSEN STABILIZERS

DRILLER: C. Sprague

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

BIT

1	St	12	2	x 3 5/8		3.78	FT
1	DC	2	x 4 1/4			6.84	FT
1	St	12	2	x 3 5/8		3.32	FT
1	DM	12	2	x 4 1/4		24.88	FT
1	St	12	2	x 3 5/8		4.63	FT
20	DC	3/4	4 1/4			624.55	FT
15	HW	3 1/2	4 1/4			460.11	FT
		I.D.	O.D.				FT
		I.D.	O.D.				FT
		I.D.	O.D.				FT
58	D.P.	STANDS				5556.91	FT
	D.P.	SINGLES					FT
	KELLY DOWN					36	FT
	TOTAL					6721	FT

W.T. OF DC: 40,000 LBS. — W.T. OF STRING: 150,000 LBS.

BIT RECORD

BIT NO.	25	26
SIZE	6 3/4	6 3/4
MFG.	H.W.	SEC
TYPE	OWC	M44J
SERIAL NO.	TE916	358814
JETS 1/32"	14/14/14	14/14/14
DEPTH OUT	6724	
DEPTH IN	6646	6724
TOTAL FOOTAGE	79	
TOTAL HRS. RUN	23 1/2	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	2 7 0	

1 HR ON CHRISTENSEN STAB

HOLE CONDITION

1 HOLE DRAG (1000 #)

2 TORQUE AT BOTTOM (OF TURNS)

3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME			
WEIGHT	13.		
FUNNEL VIS.-SEC	49		
PV / YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	3000 #		

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6721	6724	1		0	Shale Limestone	30	60	1800		5	100			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
2	8 00	9 00	1	DRLG
7	9 00	9 30	1/2	SER RIG DROP EASTMAN
6	9 30	12 45	3 1/4	P.O.H. DOUBLE STRAP
15	12 45	1 00	1/4	CHECK BLIND RAMS
6	1 00	3 30	2 1/2	CHANGE BIT R.I.H.
6	3 30	4 00	1/2	WASH 30' TO BOTTOM

MEASURED PIPE COLLARS FLEX WGT. & STAB - (DOUBLE)

DOUBLE STRAP 6686.87 DIFF 1.86

BOARD TALLY 6685.01 UNCORRECTED

DRILLER: Paul Gray

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

BIT

1	St	12	2	x 3 5/8		3.78	FT
1	DC	2	x 4 1/4			6.84	FT
1	St	12	2	x 3 5/8		3.32	FT
1	DM	12	2	x 4 1/4		24.88	FT
1	St	12	2	x 3 5/8		4.63	FT
20	DC	3/4	4 1/4			624.55	FT
15	HW	3 1/2	4 1/4			460.11	FT
		I.D.	O.D.				FT
		I.D.	O.D.				FT
		I.D.	O.D.				FT
58	D.P.	STANDS				5620.72	FT
2	D.P.	SINGLES				19.78	FT
	KELLY DOWN						FT
	TOTAL					5768	FT

W.T. OF DC: 30,000 LBS. — W.T. OF STRING: 50,000 LBS.

BIT RECORD

BIT NO.	26
SIZE	6 3/4
MFG.	SEC
TYPE	M44J
SERIAL NO.	358814
JETS 1/32"	14/14/14
DEPTH OUT	
DEPTH IN	6724
TOTAL FOOTAGE	74
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	DW 8

7 3/4 Hr. ON Christ. Stab

HOLE CONDITION

1 HOLE DRAG (1000 #)

2 TORQUE AT BOTTOM (OF TURNS)

3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	4 00	8 00	12 00
WEIGHT	13.	12.8	13.
FUNNEL VIS.-SEC	50	44	45
PV / YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Barite	30		
	14		

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6724	6768	7 3/4		0	Shale	30	60	2000		5 1/2	100			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	4 00	4 15	1/4	RIG SER. ✓ BOP'S
2	4 15	12 00	7 3/4	DRLG 6 3/4 HOLE

DRILLER: C. Sprague

DAILY DRILLING REPORT

WELL NAME: SHELL STE. FRANCOISE ROMAIN NO1.

LOCATION: LOT 723-200. RGE 11. COMTÉ LOTBINIÈRE | PROVINCE: QUEBEC.

825

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Shellenbarger

CONTRACTOR: REGENT DRLG LTD | RIG NO. 6

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: A. Goldbeck

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE: MONTH	DAY	YEAR
6642	6694	52	842½	75	JAN	21	72

DP / DC SIZE	WT.	GRADE	MIN. I.D.	TOOL JT. O.D.	TYPE ROTARY	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3½	15.5	G		4¾	1.F	1	OIL WELL	4½ DP	8
						2	EMSCO	7DP	6

LAST CASING TUBING OR LINER

SIZE	WT. AND GR.	NO. OF JOINTS	FEET	RD. TO CSG. HEAD	SET AT	CEMENT (USED / SACKS)	REMARKS
7⅝	24.29.7	157	6566	17.35	6559	50-58	

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	23¼	7	7¼	17½
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING		1¼		1¼
6	TRIPS	4¾	½		5¼
7	RIG SERVICE		¼	¼	½
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY	½			½
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	2042			
BOILER		8	8	8	24

Centrifuge Stdby 24hrs

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

DRILLING ASSEMBLY — AT END OF TOUR

NO.	CODE	BIT	FT
1		12¼" x 22	3.78 FT
1		12¼ x 14	6.84 FT
1		12¼" x 22	3.32 FT
1	DM	12¼ x 24	24.88 FT
1	SB	12¼ x 24	4.62 FT
20	RR	12¼ x 24	624.55 FT
15	HW	12¼ x 24	460.11 FT
		I.D. x O.D.	FT
		I.D. x O.D.	FT
		I.D. x O.D.	FT
	D.P.	STANDS	FT
	D.P.	SINGLES	FT
	KELLY DOWN		FT
	TOTAL		6646 FT
WT. OF BC			30 000 LBS
WT. OF STRING			150 000 LBS

BIT RECORD

BIT NO.	24
SIZE	6¾
MFG.	
TYPE	534
SERIAL NO.	2070
JETS 1/32"	16 16 16
DEPTH OUT	6646
DEPTH IN	6613
TOTAL FOOTAGE	33
TOTAL HRS. RUN	18
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	12	2	1
WEIGHT	13.7	12.8	1
FUNNEL VIS-SEC	41	45	1
PV/YP	/	/	1
GELS	/	/	1
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
1 gal ~~of~~ wt AAA			
500 # SALT Gel			

DRILLING ASSEMBLY — AT END OF TOUR

NO.	CODE	BIT	FT
1	SI	12¼ x 22	3.78 FT
1	DC	12¼ x 14	6.84 FT
1	SI	12¼ x 22	3.32 FT
1	DM	12¼ x 24	24.88 FT
1	SB	12¼ x 24	4.62 FT
20	DC	12¼ x 24	624.55 FT
15	HW	12¼ x 24	460.11 FT
		I.D. x O.D.	FT
		I.D. x O.D.	FT
		I.D. x O.D.	FT
57	D.P.	STANDS	FT
2	D.P.	SINGLES	55.24.89 FT
	KELLY DOWN		14.10 FT
	TOTAL		6668 FT
WT. OF BC			30 000 LBS
WT. OF STRING			150 000 LBS

BIT RECORD

BIT NO.	25
SIZE	6¾
MFG.	HW
TYPE	DWC
SERIAL NO.	TE916
JETS 1/32"	14 16 16
DEPTH OUT	
DEPTH IN	6646
TOTAL FOOTAGE	22
TOTAL HRS. RUN	7
BIT CONDITION 1/8'S T/B | 1/8" GAGE	Drlg

HOLE CONDITION

1 HOLE DRAG (1000#)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	10⁰⁰	12⁰⁰	4⁰⁰
WEIGHT	13.0	12.8	13.0
FUNNEL VIS-SEC	44	41	44
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Barite	19400 #		
Pre Hyd	130 BBLs.		

DRILLING ASSEMBLY — AT END OF TOUR

NO.	CODE	BIT	FT
1	SI	12¼ x 22	3.78 FT
1	DC	12¼ x 14	6.84 FT
1	SI	12¼ x 22	3.32 FT
1	DM	12¼ x 24	24.88 FT
1	SI	12¼ x 24	4.62 FT
20	DC	12¼ x 24	624.55 FT
15	HW	12¼ x 24	460.11 FT
		I.D. x O.D.	FT
		I.D. x O.D.	FT
		I.D. x O.D.	FT
57	D.P.	STANDS	5524.89 FT
2	D.P.	SINGLES	FT
	KELLY DOWN		40 FT
	TOTAL		6694 FT
WT. OF BC			30 LBS
WT. OF STRING			150 LBS

BIT RECORD

BIT NO.	25
SIZE	6¾
MFG.	H.W
TYPE	DWC
SERIAL NO.	TE916
JETS 1/32"	14 16 16
DEPTH OUT	
DEPTH IN	6646
TOTAL FOOTAGE	48
TOTAL HRS. RUN	14¾
BIT CONDITION 1/8'S T/B | 1/8" GAGE	DRLG

HOLE CONDITION

1 HOLE DRAG (1000#)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	6	8	10
WEIGHT	13.7	13	13
FUNNEL VIS-SEC	54	54	54
PV/YP	24/22	27/23	/
GELS	14/24	17/30	/
W.L.-C.C.	22	14.4	
F.C. 1/32"	3	3	
PH	12.5	12.5	
% OIL			
% SAND			
SOLID	28°	29°	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
12	SALT Gel		
3	Polymer		
2	Stayflow		
35	Potash		

MORNING TOUR

FOOTAGE

FROM	TO	HOURS	DR-D BM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
						30	3⅝0	1900		5	100			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
6600	4½	S 85 W						

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
2	12⁰⁰	2½	2½	DRILL 6¾" HOLE
10	2½	3¹⁵	½	DROP SURVEY
6	3¹⁵	6⁰⁰	2¾	PULL OUT
6	6⁰⁰	8⁰⁰	2	PICK UP STAB + SHORT COLLER + RUN IN HOLE

1 - CHRISTENSEN STABILIZERS 2 HRS

DRILLER: Joe Robert

DAY TOUR

FOOTAGE

FROM	TO	HOURS	DR-D BM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6646	6668	7	0		Shale	35	60	1800		5	100			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
6	8⁰⁰	8³⁰	½	R.I.H.
7	8³⁰	8⁴⁵	¼	Rig Ser.
5	8⁴⁵	9⁰⁰	¼	Wash 30' TO Bottom
2	9⁰⁰	4⁰⁰	7	Drlg

3 — 7 HRS CHRISTO STABILIZER

STub From 7⅝ Csg 24.08

DRILLER: C. Lemoine

EVENING TOUR

FOOTAGE

FROM	TO	HOURS	DR-D BM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6668	6694	7¼	DP		SHALE	30	60	1800		5	100	6		Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	4⁰⁰	4¹⁵	¼	RIG SER. V BOP.
2	4¹⁵	12⁰⁰	7¾	DRLG

3 - CHRISTENSEN STABILIZERS

7 HRS

DRILLER: Paul Gray

CP-38 (8/70)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE #1

LOCATION: LOT 723-200 REG - LI COMTE LOTBINIERE

PROprovince: QUEBEC

809 3/4

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mc Grish

CONTRACTOR: RECENT DRILLING LTD.

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Hilden

RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
6613	6642	29	62¾	73	1	20	72

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3½				4¼	IF	1	OILWELL	500	8
4½			3¼	4¾	IF	2	EMSCO	700	14

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7⅝					6559		
						6561		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL		7¾	7¾	15½
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING	3¼			3¼
6	TRIPS	2½		1¼	3¾
7	RIG SERVICE		¼	¼	½
8	RIG REPAIR	4¾			4¾
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23	OVERHAUL			¼	¼
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	20	4½	24	
POWER ASSEMBLY	BOILER	8	8	8	

Centrifuge Stddby 24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		I.D.	O.D.	FT.
		BIT			FT.
1		R3	2¼	4¾	4.60
1		DM	2¼	4¾	24.88
1		SU	2¼	4¾	4.93
20		DC	2¼	4¾	624.55
15		HW	2¼	4¾	460.11
					FT.
					FT.
					FT.
					FT.
57		D.P. STANDS			5461.29
1		D.P. SINGLES			FT.
		KELLY DOWN			32.85 FT.
		TOTAL			6613. FT.
		WT. OF DC			30 000 LBS.
		WT. OF STRING			150 000 LBS.

BIT RECORD

BIT NO.	24
SIZE	6¾
MFG.	SMITH
TYPE	SS4
SERIAL NO.	2070
JETS 1/32"	16 16 16
DEPTH OUT	
DEPTH IN	6613
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8"S T/B | 1/8" GAGE	DRLG

HOLE CONDITION

1 HOLE DRAG (1000 #)

2 TORQUE AT BOTTOM (DP TURNS)

3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME			
WEIGHT			
FUNNEL VIS.-SEC.			
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
	6613	¾	RM											

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	
	12⁰⁰	2⁰⁰	2	WELD BRAKE DRUMS
	2⁰⁰	4¹⁵	2¼	THAW KELLY HOSE
	4¹⁵	7¹⁵	3	RUN IN HOLE
	7¹⁵	8⁰⁰	¾	CLEAN TO BTM @ REAMERS + STABLERS

DRILLER: J. Robert

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		I.D.	O.D.	FT.
		BIT			FT.
1		R3	2¼	4¾	4.62
1		DM	2¼	4¾	24.88
1		SU	2¼	4¾	4.62
20		DC	2¼	4¾	624.55
15		HW	2¼	4¾	460.11
					FT.
					FT.
					FT.
					FT.
57		D.P. STANDS			FT.
1		D.P. SINGLES			5492.80
		KELLY DOWN			19 FT.
		TOTAL			6630 FT.
		WT. OF DC			30 000 LBS.
		WT. OF STRING			150 000 LBS.

BIT RECORD

BIT NO.	24
SIZE	6¾
MFG.	SMITH
TYPE	SS4
SERIAL NO.	2070
JETS 1/32"	16 16 16
DEPTH OUT	
DEPTH IN	6613.
TOTAL FOOTAGE	
TOTAL HRS. RUN	7¾
BIT CONDITION 1/8"S T/B | 1/8" GAGE	Drlg.

HOLE CONDITION

1 HOLE DRAG (1000 #)

2 TORQUE AT BOTTOM (DP TURNS)

3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	8⁰⁰	12⁰⁰	4⁰⁰
WEIGHT	12.0	12.2	12.8
FUNNEL VIS.-SEC.	45	40	44
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Barite	175 000		

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6613	6630	7¾	D			35/35	38	1400		5"	100	6"		

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	
7	8⁰⁰	8¹⁵	¼	Rig Ser.
2	8¹⁵	4⁰⁰	7¾	Drlg

DRILLER: C. Lavoie

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		I.D.	O.D.	FT.
		BIT			FT.
1		R3	2¼	4¾	4.69
1		DM	2¼	4¾	24.88
1		SU	2¼	4¾	4.69
20		DC	2¼	4¾	624.55
16		HW	2¼	4¾	460.80
					FT.
					FT.
					FT.
					FT.
57		D.P. STANDS			FT.
1		D.P. SINGLES			5492.80 FT.
		KELLY DOWN			31 FT.
		TOTAL			6642 FT.
		WT. OF DC			30 LBS.
		WT. OF STRING			150 LBS.

BIT RECORD

BIT NO.	24
SIZE	6¾
MFG.	SMITH
TYPE	SS4
SERIAL NO.	2070
JETS 1/32"	16 16 16
DEPTH OUT	
DEPTH IN	6613
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8"S T/B | 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000 #)

2 TORQUE AT BOTTOM (DP TURNS)

3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	6	8	10
WEIGHT	12.6	13.0	12.8
FUNNEL VIS.-SEC.	35	40	40
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			21.4
F.C. 1/32"			4/32
PH			12
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	1360	CAUS	PRE HY
PELTEX	100	SALT	GEL 25
STARCH	200	GEL	1400
QUEBRACHO			

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6630	6642	7½	O		SHALE	30	40	2000		5		6		COMP

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	
7	4⁰⁰	4¹⁵	¼	RIG SER.
	4¹⁵	10⁰⁰	5¾	DRLG
	~~10⁰⁰~~	~~10⁰⁰~~	~~1~~	~~BROKE KELLY HOSE WELL FLOWING OFF~~
	10⁰⁰	12⁰⁰	1¾	MIX MUD + DRLG.

DRILLER: Paul Gray

CF-38 (9/70)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE NO 1

LOCATION: LOT 723-200 PQ 11 CONT. LOTBINIERE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mallesh

CONTRACTOR: REGENT DRILLING LTD

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Hubert

RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
6564	6613	49	909 3/4	72	1	19	72

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD
4 1/2					
3 1/2	15.50	G	2 3/32		IF

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OILWELL 500 P	500P	8"
2	ENSCO	700U	16"

LAST CASING TUBING OR LINER: SIZE 7 5/8 | WT. AND GR. 26.4-29# | NO. OF JOINTS 157 | FEET 6562 | KB TO CSG. HEAD 17.35 | SET AT 6561 / 6550 | CEMENT USED (SACKS) 500 + 60

REMARKS

TIME DISTRIBUTION — HOURS

CODE NO	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	8	16		24
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAR TO BOTTOM & CIRCULATING				
6	TRIPS	1 1/2	2	3 1/2	7
7	RIG SERVICE	1/4			1/4
8	RIG REPAIR		4	4	8
9	CUT AND/OR SLIP LINE		1	1	2
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD		1	1	2
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	3942			24 hrs
	BOILER	8	8	0	

Centrifuge Stddby 24hr

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT				FT.
1	R3	7 7/8 x 4 5/8	593	FT.
		I.D. x O.D.		FT.
20	DC	7 3/4 x 2 3/4	6245.5	FT.
15	HWDP	I.D. x O.D.	460.11	FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
57	D.P. STANDS			FT.
1	D.P. SINGLES		5492.80	
KELLY DOWN			16.00	FT.
TOTAL			6599	FT.
WT. OF DC			30 000	LBS.
WT. OF STRING			145 000	LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	87 1/4
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1. HOLE DRAG (1000#)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME	8:00	12:00	2:00
WEIGHT			
FUNNEL VIS.-SEC.			
PV/YP			
GELS.			
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6564	6599	8				30	65	1800		5 1/2	75			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	12:00	8:00	8	DRILL 6 3/4 HOLE

DRILLER: Joe Robot

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT				FT.
1	E3	7 7/8 x 4 5/8	593	FT.
20	DC	7 3/4 x 2 3/4	134.55	FT.
15	HWDP	I.D. x O.D.	420.11	FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
57	D.P. STANDS			FT.
1	D.P. SINGLES		5492.80	
KELLY DOWN			27.61	FT.
TOTAL			6613	FT.
WT. OF DC			30 000	LBS.
WT. OF STRING			145 000	LBS.

BIT RECORD

BIT NO.	3RR
SIZE	6 3/4
MFG.	SEC
TYPE	M44N
SERIAL NO.	358822
JETS 1/32"	20 20 20
DEPTH OUT	6613
DEPTH IN	6562
TOTAL FOOTAGE	51
TOTAL HRS. RUN	15
BIT CONDITION 1/8'S T/B | 1/8" GAGE	4 2 0

HOLE CONDITION

1. HOLE DRAG (1000#)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME	8:00	12:00	2:00
WEIGHT	12.6	12.6	12.7
FUNNEL VIS.-SEC.	46	44	44
PV/YP			
GELS.			
W.L.-C.C.			9.0
F.C. 1/32"			
PH			12.5
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Barite	15000#		

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6599	6613	6 1/4	D			30	65	1200		6		6	35	

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	8:00	8:15	1/4	Rig Ser.
2	8:15	2:30	6 1/4	Drlg
6	2:30	4:00	1 1/2	P.O.H. Layed Down 30 Singles To Replace W/Pipe in Derrick

DRILLER: C Lavoie

EVENING TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT				FT.
1	R3	7 7/8 x 4 5/8	4.60	FT.
1	DC	7 3/4 x 2 3/4	24.38	FT.
1	SDC	7 x 2	4.93	FT.
20	DC	7 3/4 x 2 3/4	624.55	FT.
15	HWDP	I.D. x O.D.	460.11	FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
57	D.P. STANDS			FT.
1	D.P. SINGLES		5492.80	
KELLY DOWN			27.41	FT.
TOTAL			6613	FT.
WT. OF DC			30	LBS.
WT. OF STRING			145	LBS.

BIT RECORD

BIT NO.	2A
SIZE	6 3/4
MFG.	SMITH
TYPE	SS4
SERIAL NO.	2070
JETS 1/32"	16 16 16
DEPTH OUT	
DEPTH IN	6613
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	RUN IN

HOLE CONDITION

1. HOLE DRAG (1000#)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME			
WEIGHT			
FUNNEL VIS.-SEC.			
PV/YP			
GELS.			
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6613														

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
6	4:00	6:00	2	P.O.H.
DD	6:00	7:00	1	PICK UP BIT REAMER MONEL & STRING STAB
9	7:00	8:00	1	SLIP & CUT LINE
8	8	12	4	REPAIR BRAKE DRUM

DRILLER: Paul Smith

CP-38 (9/70)

DAILY DRILLING REPORT

WELL NAME

LOCATION SHELL STE-FRANCOISE ROMAIN #1
LOT 723-200 RG II COMTE JOLIETTE — PROVINCE QUEBEC

OPERATOR Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE R. Mayhew

CONTRACTOR REGENT DRILLING LTD.

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE J. McBurnie

RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
5362	6264	902	795½	71	1	18	72

DP / DC SIZE	WT. / FT	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3½						1	OILWELL	560P	8"
4½						2	EMSCO	300D	14"

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	RANGE	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7⅝	26/29			19.35	6659		
						656'		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN			¾	¾
2	DRILLING ACTUAL			¾	¾
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING		1	5½	6½
6	TRIPS				
7	RIG SERVICE		¼		¼
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS			½	½
21	CONDITION MUD	8	5½		13½
22	LOST CIRCULATION				
23	Csg		1¼	1¼	2½
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				

CONTRACTOR EQUIPMENT

	MORN.	DAY	EVE.
BOILER	8	8	

Centrifuge Shale 24 hd.

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		I.D.	O.D.	FT.
		BIT			
1	E3		2⅝	4⅞	5.93
20	DC		1⅞	4¾	624.55
15	HW				460.11
56	D.P.	STANDS			5365.47
	D.P.	SINGLES			
	KELLY DOWN				41.00
	TOTAL				6497.06

WT. OF DC LBS.

WT. OF STRING 145,000 LBS.

BIT RECORD

BIT NO.	RR 23
SIZE	6¾
MFG.	3-20
TYPE	358822
SERIAL NO.	17444
JETS 1/32"	20 20 20
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)
2	TORQUE AT BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME	
WEIGHT	
FUNNEL VIS.-SEC.	
PV / YP	
GELS.	
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	15000#		
SALT GEL	TWO 100#		

MORNING TOUR

FOOTAGE

FROM	TO	ROT HOURS	DR-D BIT-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
21	12 00	8 00	8	CIRC. & MIX WT. MAT. GAS CUT MUD

DRILLER Ted Bennett

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		I.D.	O.D.	FT.
		BIT			
1	E3		2⅝	4⅞	5.93
20	DC		1⅞	4¾	624.55
15	HW				460.11
56	D.P.	STANDS			5365.47
	D.P.	SINGLES			
	KELLY DOWN				41.00
	TOTAL				6497.06

WT. OF DC LBS.

WT. OF STRING 145,000 LBS.

BIT RECORD

BIT NO.	RR 23
SIZE	6¾
MFG.	3-20
TYPE	PDC
SERIAL NO.	358822
JETS 1/32"	20 20 20
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)
2	TORQUE AT BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME	8 00	12 00	4 00
WEIGHT	11.9	11.9	12.9
FUNNEL VIS.-SEC.	43	44	54
PV / YP	/	/	/
GELS.			
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Barite	20000		
20 BAGS	Pre Mix.		

DAY TOUR

FOOTAGE

FROM	TO	ROT HOURS	DR-D BIT-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
21	8 15	1 45	5½	Circ + Mix WT Mat.
23	7 45	8 00	¼	Pressure Test Csg. 1800 PSI Bleed OF To 1450. IN 10 MIN
5	2 15	8 15	12	Circ'lg Ser.
		3 15		
23	3 15	4 00	¾	Rig up + Pressure Test Csg W/ Dowell

DRILLER

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		I.D.	O.D.	FT.
		BIT			
1	E3		2⅝	4⅞	5.93
20	DC		1⅞	4¾	624.55
15	HW				460.11
57	D.P.	STANDS			5460.96
	D.P.	SINGLES			
	KELLY DOWN				
	TOTAL				13

WT. OF DC 30,000 LBS.

WT. OF STRING 145,000 LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	PDC
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	6821
TOTAL HRS. RUN	74
BIT CONDITION 1/8'S T/B | 1/8" GAGE	Ok LG

BIT DRILLED 200' CEMENT

HOLE CONDITION

1	HOLE DRAG (1000 #)
2	TORQUE AT BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME			
WEIGHT	6	8	10
FUNNEL VIS.-SEC.	122	130	128
PV / YP	64	58	57
GELS.			
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE			
POTASH	2000#		
Polymill	7500 #		

300 #

EVENING TOUR

FOOTAGE

FROM	TO	ROT HOURS	DR-D BIT-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
	656'													
		¾												

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
23	4 00	5 15	1¼	PRES. TEST WITH DOWELL
20	5 15	5 45	½	TEAR OUT DOWELL
5	5 45	11 15	5½	REAM CEMENT 6¾" HOLE
	11 15	12 00	¾	DRILL 6¾" HOLE
2				

DRILLER

DAILY DRILLING REPORT

CP-30 (8/70)

WELL NAME: SHELL STE FRANCOIS ROMAINE NO 1

LOCATION: LOT 923-2 RGE II CANTE LOTBINIÈRE

PROVINCE: QUÉBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Murphy

CONTRACTOR: REGENT DRILLING LTD.

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Hallborn

RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
				70	1	17	72

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT. O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
3½									
4¾									

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	7⅝	24/29			17.35	6459		
						15.41		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS	4¼	1½		4¾
7	RIG SERVICE	1¼	¼		½
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT	4			8
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD			5¾	5¾
22	LOST CIRCULATION				
23	D. Cement	3½	1½		5
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	2042			
EQUIPMENT RENTED FROM SHELL	BOILER	8	8	8	
	Centrifuge Stdby				24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			
		BIT		FT.
		I.D. X O.D.		FT.
		I.D. X O.D.		FT.
		I.D. X O.D.		FT.
		I.D. X O.D.		FT.
		I.D. X O.D.		FT.
		I.D. X O.D.		FT.
		I.D. X O.D.		FT.
		I.D. X O.D.		FT.
		D.P. STANDS		FT.
		D.P. SINGLES		FT.
		KELLY DOWN		FT.
		TOTAL		FT.
		WT. OF DC		LBS.
		WT. OF STRING		LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)
2	TORQUE AT BOTTOM (DP Types)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME		
WEIGHT		
FUNNEL VIS. SEC.		
PV / YP	/	/
GELS.	/	/
W.L.-C.C.		
F.C. 1/32"		
PH		
% OIL		
% SAND		

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	1200	800		R.O.C. & RIG UP H3½" D.C.'S +
				STAYED OVER TO WORK ON LINE IN HEAD TO 0800 Today. 6 HR.
				12.5

DRILLER: D. Robert

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			
		BIT		FT.
1	E3	2 1/2 x 4 1/2	5.93	FT.
20	DC	3 1/8 x 4 1/4	624.55	FT.
15	HW	I.D. X O.D.	460.11	FT.
		I.D. X O.D.		FT.
		I.D. X O.D.		FT.
		I.D. X O.D.		FT.
		I.D. X O.D.		FT.
		I.D. X O.D.		FT.
		I.D. X O.D.		FT.
55		D.P. STANDS		FT.
2		D.P. SINGLES	558.96	FT.
		KELLY DOWN	HD—	FT.
		TOTAL	6374.66	FT.
		WT. OF DC		LBS.
		WT. OF STRING	140 000	LBS.

BIT RECORD

BIT NO.	RR 23
SIZE	6 3/4
MFG.	SEC
TYPE	M4NJS
SERIAL NO.	258822
JETS 1/32"	20 20 20
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)
2	TORQUE AT BOTTOM (DP Types)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME		4:00
WEIGHT		12.9
FUNNEL VIS. SEC.		80
PV / YP	/	/
GELS.	/	/
W.L.-C.C.		
F.C. 1/32"		
PH		
% OIL		
% SAND		

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	8 00	8 15	1/4	Rig Ser.
6	8 15	11 30	3 1/4	RIH. Strap in. To Top of Cement @ [redacted]
23	11 30	3 00	3 1/2	Drill out Cement From [redacted] 5924 to 6040
6	3 00	4 00	1	RIH. To 6374.
				20 40

DRILLER: C. Savoie

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			
		BIT		FT.
1	E3	2 1/2 x 4 1/2	5.93	FT.
20	DC	3 1/8 x 4 1/4	624.55	FT.
~~15~~	~~HW~~	I.D. X O.D.	~~460.11~~	FT.
15	HW	I.D. X O.D.	460.11	FT.
		I.D. X O.D.		FT.
		I.D. X O.D.		FT.
		I.D. X O.D.		FT.
		I.D. X O.D.		FT.
		I.D. X O.D.		FT.
		I.D. X O.D.		FT.
56		D.P. STANDS		FT.
		D.P. SINGLES	525.49	FT.
		KELLY DOWN	41	FT.
		TOTAL	6497.26	FT.
		WT. OF DC		LBS.
		WT. OF STRING	140 M	LBS.

BIT RECORD

BIT NO.	RR
SIZE	23
MFG.	6 3/4
TYPE	M4NJ
SERIAL NO.	258833
JETS 1/32"	20 20 20
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)
2	TORQUE AT BOTTOM (DP Types)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME	5	7	11
WEIGHT	10.5	12.	11.5
FUNNEL VIS. SEC.	60	42	70
PV / YP	/	/	/
GELS.	/	/	/
W.L.-C.C.			6
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
CEL	2100 #	SALT GEL	75
BARITE	27500 #		
SAWDUST	100 #		
PEATEX	50 #		

FOOTAGE

FROM	TO	HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
[illegible]			RM			20	65	2000						

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	4 00	4 15	1/4	RIG SER.
6	4 15	4 45	1/2	RIH TO 6482 PRES. TEST 2000 #/I 2K
23	4 45	6 15	1 1/2	REAM OUT TIGHT
21	6 15	8 38	2 1/4	MUD GAS CUT MIX BARITE DRILL TO 6497
21	8 30	12 00	3 1/2	BUILD VOLE

DRILLER: Paul Gray

EVENING TOUR

CP-88 (9/70)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOIS ROMAINE NO 1

LOCATION: LOT 223-20 RGE II CANTON BINNERE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Thurgeirk

CONTRACTOR: REGENT DRILLING LTD

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Albert

RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
6562				69	JAN	19/16	72

DP./DC. SIZE	WT./FT	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	9 5/8	36 & 40	49	1926	17.35	1926	775	
	7 5/8	26/29		6588	7.35	6569	300 ± 58	

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING	4 1/4			4 1/4
6	TRIPS	3			3
7	RIG SERVICE				
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT	3 1/4			3 1/4
13	WAIT ON CEMENT		8	8	16
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	2042			
BOILER HOURS	BOILER	8	8	8	
	Centrifuge Stdbd				24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY NO. ___ CODE ___ AT END OF TOUR

BIT ___ FT.

I.D. X O.D. ___ FT. (×5)

D.P. STANDS ___ FT.

D.P. SINGLES ___ FT.

KELLY DOWN ___ FT.

TOTAL ___ FT.

WT. OF DC ___ LBS.

WT. OF STRING ___ LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000 #)

2 TORQUE AT BOTTOM (DP TURNS)

3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	12
WEIGHT	13.2
FUNNEL VIS.-SEC.	70
PV/YP	/
GELS.	/
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	12 00			CIRC. AROUND SHOE + BACK IN THROUGH
	4 15	4 45	4 1/2	PERFORATIONS WITH DOWELL
	4 15	5 00	3/4	CEMENT + DISPLACE
	5 00	5 45	3/4	PULL OUT TO STOP + BREAK CIRC.
	5 45	8 00	2 1/4	PULL OUT
				RUN 10 BBLS OF WATER WASH AHEAD OF CEMENT.
				BATCH MIX 58 SK 10.5 #/GAL OF NEAT CEMENT TO 15.2 SLURRY
				RIG PUMP IT DOWN TO CEMENT RETAINER WITH DISPLACEMENT OF
				37 BBLS OF WATER AND 41 BBLS OF DRILLING MUD
				CEMENT RETAINER @ 6482 PERFORATIONS 6415-6420

DRILLER: Joe Babcock

DAY TOUR

DRILLING ASSEMBLY NO. ___ CODE ___ AT END OF TOUR

BIT ___ FT.

I.D. X O.D. ___ FT. (×5)

D.P. STANDS ___ FT.

D.P. SINGLES ___ FT.

KELLY DOWN ___ FT.

TOTAL ___ FT.

WT. OF DC ___ LBS.

WT. OF STRING ___ LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000 #)

2 TORQUE AT BOTTOM (DP TURNS)

3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	
WEIGHT	
FUNNEL VIS.-SEC.	
PV/YP	/
GELS.	/
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
13	8 00	4 00	8	W.O.C. + Lay Down 4 1/2 D.P.

DRILLER: C. Sargent

EVENING TOUR

DRILLING ASSEMBLY NO. ___ CODE ___ AT END OF TOUR

BIT ___ FT.

I.D. X O.D. ___ FT. (×5)

D.P. STANDS ___ FT.

D.P. SINGLES ___ FT.

KELLY DOWN ___ FT.

TOTAL ___ FT.

WT. OF DC ___ LBS.

WT. OF STRING ___ LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000 #)

2 TORQUE AT BOTTOM (DP TURNS)

3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	
WEIGHT	
FUNNEL VIS.-SEC.	
PV/YP	/
GELS.	/
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
13	4	12	8	W.O.C. LAY DOWN 4 1/2 P.P.E.

DRILLER: Paul Sargent

CP-38 (9/70)

DAILY DRILLING REPORT

WELL NAME: Shell Ste Francoise Romaine #1

LOCATION: Lot 723-20 Rge. 11 Comte Lot Bureé

PROVINCE: Que.

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Shuffrich

CONTRACTOR: Regent Drilling Ltd

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Wilson

RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
				69	1	15	72

DP / DC SIZE	WT / FT	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD
3 1/2					IF
4 3/4					

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	O.L. Well	560P	8"
2	EMSCO	700	16"

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	9 5/8	36/40	49	1926	17.35	1926	975	

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING			6	6
6	TRIPS	5 3/4	4		9 3/4
7	RIG SERVICE	1/4	1/4	1/4	1/2
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE [illegible]		3 1/2		3 1/2
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS	1/2			1/2
21	CONDITION MUD				
22	LOST CIRCULATION				
23	ATTEMPT CIRC.	1 1/2	1/4	2	4 1/2
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	6	8	8	24
	HOURS FOR SHELL ACCOUNT	20 1/2		3 1/2	24
SCHEDULED MAINTENANCE	BOILER	8	8	4	20

Centrifuge Shtdy 24h

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT ____ FT

I.D.	O.D.	FT

67 D.P. STANDS FT

2 D.P. SINGLES 6475.92

1 KELLY DOWN Packer 6.12 FT

TOTAL 6482.04 FT

WT. OF DC LBS.

WT. OF STRING 170,000 LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B/1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)

2 TORQUE AT BOTTOM (DP TURNS)

3 FILL ON BOTTOM (FEET)

MUD RECORD

	M	N	D	E
TIME				
WEIGHT	14.2	14.2		
FUNNEL VIS.-SEC.		50		
PV/YP	/	/	/	/
GELS	/	/	/	/
W.L.-C.C.				
F.C. 1/32"				
PH				
% OIL				
% SAND				

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT ____ FT

I.D.	O.D.	FT

62 D.P. STANDS FT

2 D.P. SINGLES 6475.92

KELLY DOWN Packer 6.12 FT

TOTAL 6482.04 FT

WT. OF DC LBS.

WT. OF STRING 170,000 LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B/1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)

2 TORQUE AT BOTTOM (DP TURNS)

3 FILL ON BOTTOM (FEET)

MUD RECORD

	M	N	D	E
TIME				
WEIGHT				
FUNNEL VIS.-SEC.				
PV/YP	/	/	/	/
GELS	/	/	/	/
W.L.-C.C.				
F.C. 1/32"				
PH				
% OIL				
% SAND				

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT ____ FT

I.D.	O.D.	FT

67 D.P. STANDS 6475.92

2 D.P. SINGLES FT

1 KELLY DOWN Packer 6.12 FT

TOTAL 6482.04 FT

WT. OF DC LBS.

WT. OF STRING LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B/1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)

2 TORQUE AT BOTTOM (DP TURNS)

3 FILL ON BOTTOM (FEET)

MUD RECORD

	M	N	D	E
TIME	9.00	10:00	11.00	
WEIGHT	14.2	14.5	14.6	
FUNNEL VIS.-SEC.	55	50	54	
PV/YP	/	/	/	/
GELS	/	/	/	/
W.L.-C.C.				
F.C. 1/32"				
PH				
% OIL				
% SAND				

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

MORNING TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	12.00	12.15	1/4	Rig Ser.
6	12.15			Make up Packer + RIH. Picked up 17
		6.00	5 3/4	Singles (Strap IN)
6	6.00	6.30	1/2	Set Packer at 6482
5	6.30	8.00	1 1/2	Attempt Cir around Shoe

Ran Baker Model K Drillable Packer set at 6482.
Attempt to break circulation around shoe and through perforations at 6220 Pressure up to 2000 psi Held 10 min. Repeat 10 times.

DRILLER C. Savage

DAY TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
5	8.00	8.30	1/2	Attempt Cir around Shoe.
7	8.30	8.45	1/4	Rig Ser.
6	8.45	11.00	2 1/4	POH.
40	11.00	11.15	1/4	Rig To Perforate.
40	11.15	2.15	5	PERFORATE
6	2.15	4.00	1 3/4	RUN IN

PERFORATED 6415-6420 - 15 Shots

DRILLER J. Kohut

EVENING TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	6.00			TRY TO BREAK CIRC. BY PUMPING DOWN PIPE + BLEEDING
	6.00	6.02	2	OFF + PUMPING DOWN ANNULUS
6	6.00	12.00	6	CIRC. - SLOWLY (PLUGGING OFF) WITH DOWELL

Established circulation around shoe and perforations at 6415-6420 at 1/2 BPM at 1200 p.min. 1200 psi. Continue circulating and washing around shoe joint ~~[illegible]~~ to 12° midnight a rate of 2 BPM per min at 800 psi has established.

DRILLER J. Kohut

SP-20 (9/70)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANÇOISE ROMAINE NO 1

LOCATION: LOT 723-200 RGE II CANTON LOT BINGUET

PROVINCE: QUÉBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. MacHaffie

CONTRACTOR: RECENT DRILLING LTD

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Hallden

RIG NO.: 6

DEPTH AT START OF WORKING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
6562				67	1	14	72

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT. O.D.	TYPE THREAD
3 1/2					IF
4 3/4					

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OIL WELL	5LOP	8
2	EMSCO	7DOP	14

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	9 5/8	36/40	44	1809	17.36	1926	975	

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING	1		1 1/4	2 1/4
6	TRIPS	1 1/2	3 3/4	6 4	11 3/4
7	RIG SERVICE				
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.	1/2	1		1 1/2
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD	4			4
22	LOST CIRCULATION				
23	MAINTENANCE	1		1/2	1 1/2
24	PERFORATE		3 3/4		3 3/4
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	
	HOURS FOR SHELL ACCOUNT	20 1/2		3 1/2	24
SOURCE OF POWER	BOILER	8	8	8	
SOURCE OF AIR	Centrifuge Stdby				24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

DRILLING ASSEMBLY NO. 1 AT END OF TOUR

BIT #1

1	I.D.	O.D.	5.97 FT.	
3	I.D.	O.D.	92.80 FT.	
15	I.D.	O.D.	440.06 FT.	
	I.D.	O.D.	FT.	
	I.D.	O.D.	FT.	
	I.D.	O.D.	FT.	
	I.D.	O.D.	FT.	
	I.D.	O.D.	FT.	
	I.D.	O.D.	FT.	
62	D.P. STANDS		FT.	
1	D.P. SINGLES		59.68.19 FT.	
	KELLY DOWN		33 FT.	
	TOTAL		6562.28 FT.	

WT. OF DC LBS.

WT. OF STRING LBS.

BIT RECORD #1

BIT NO.	23
SIZE	6 3/4
MFG.	SEC
TYPE	M-NS
SERIAL NO.	455932
JETS 1/32"	20 20 20
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000 #)

2 TORQUE AT BOTTOM (OF TURNS)

3 FILL ON BOTTOM (FEET)

MUD RECORD #1

TIME	1	3	5
WEIGHT	13.9	14.3	14.3
FUNNEL VIS.-SEC.	48	40	51
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	30 800 #		

DRILLING ASSEMBLY NO. 2 AT END OF TOUR

BIT #2

	I.D.	O.D.	FT.	
	I.D.	O.D.	FT.	
	I.D.	O.D.	FT.	
	I.D.	O.D.	FT.	
	I.D.	O.D.	FT.	
	I.D.	O.D.	FT.	
	I.D.	O.D.	FT.	
	I.D.	O.D.	FT.	
	D.P. STANDS		FT.	
	D.P. SINGLES		FT.	
	KELLY DOWN		FT.	
	TOTAL		FT.	

WT. OF DC LBS.

WT. OF STRING LBS.

BIT RECORD #2

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000 #)

2 TORQUE AT BOTTOM (OF TURNS)

3 FILL ON BOTTOM (FEET)

MUD RECORD #2

TIME			
WEIGHT			
FUNNEL VIS.-SEC.			
PV/YP	/	/	/
GELS			
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

DRILLING ASSEMBLY NO. 3 AT END OF TOUR

BIT #3

	I.D.	O.D.	FT.	
	I.D.	O.D.	FT.	
	I.D.	O.D.	FT.	
	I.D.	O.D.	FT.	
	I.D.	O.D.	FT.	
	I.D.	O.D.	FT.	
	I.D.	O.D.	FT.	
	I.D.	O.D.	FT.	
	D.P. STANDS		FT.	
	D.P. SINGLES		FT.	
	KELLY DOWN		FT.	
	TOTAL		FT.	

WT. OF DC LBS.

WT. OF STRING LBS.

BIT RECORD #3

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000 #)

2 TORQUE AT BOTTOM (OF TURNS)

3 FILL ON BOTTOM (FEET)

MUD RECORD #3

TIME			
WEIGHT			
FUNNEL VIS.-SEC.			
PV/YP	/	/	/
GELS			
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

MORNING TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
	6562													

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
21	12 00	2 30	2 1/2	COND MUD
1	2 30	2 45	1/4	PRESSURE TEST HYDRIL 2000 PSI OK.
15	2 45	3 00	1/4	PRESS. TEST B.O.P. PIPE RAMS 2000 PSI OK
5	3 00	3 30	1/2	DRILL THROUGH FLOAT AT 6514
5	3 30	4 00	1/2	DRILL THROUGH SHOE AT 6556 BOTTOM AT 6562
23	4 00	5 00	1	BLOW B.O.P. MANIFOLD LINES FILL WITH OIL
	5 00	6 30	1 1/2	COND MUD
	6 30	7 00		BLOW KELLY &
	7 00	8 00		P.O.H.

DRILLER: [signature]

DAY TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
6	8 00	11 00	3	PULL OUT HOLE
15	11 00	12 00	1	PRESSURE UP ON HOLE TO 2200 PSI + TRY TO BREAK CIRC.
24	12 00	12 30	1/2	PICK UP PERFORATING TOOLS
	12 30	3 45	3 1/4	PERFORATE
15	3 45	4 00	1/4	RUN IN W/CASING SCRAPER FOR CLEAN OUT.
	PERFORATED 7 5/8 CASING WITH 4 1/2 CASING GUN 15 SHOTS FROM 6215 - to 6220'			
	VALVES CLOSED			

DRILLER: [signature]

EVENING TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
6	4 00	7 00	3	RUN IN W/CASING SCRAPER
	7 00	8 15	1 1/4	CIRC.
6	8 15	11 30	3 1/4	PULL OUT
	11 30	12 00	1/2	RIG UP PACKER

DRILLER:

DAILY DRILLING REPORT

(P-38 (9/70))

WELL NAME: SHELL STE FRANCOISE ROMAINE NO 1

LOCATION: LOT 223 - 2 RGE II CANTE LOTBINIERE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

CONTRACTOR: REGENT DRILLING LTD

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE:

RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
				66	1	13	72

DP./DC. SIZE	WT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS

TIME DISTRIBUTION — HOURS

CODE	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING			8	
6	TRIPS				
7	RIG SERVICE	¼			
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.	1			
15	TEST B.O.P.	¼			
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS	6½	7		
21	CONDITION MUD		1		
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	
	HOURS FOR SHELL ACCOUNT	20½			
BOILER HOURS	BOILER	8	8	8	

Centrifuge Shifts 24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT								FT.
1	HC	3¾	6	6			5.93	FT.
3	DC	5	4¾				93.80	FT.
15	HWDP	3½	3½				460.06	FT.
		I.D.	X	O.D.				FT.
		I.D.	X	O.D.				FT.
		I.D.	X	O.D.				FT.
		I.D.	X	O.D.				FT.
		I.D.	X	O.D.				FT.
		I.D.	X	O.D.				FT.
		I.D.	X	O.D.				FT.
D.P.	STANDS							FT.
D.P.	SINGLES							FT.
KELLY DOWN								FT.
TOTAL								FT.
W.T. OF DC								LBS.
W.T. OF STRING								LBS.

BIT RECORD

BIT NO.	23
SIZE	6¾
MFG.	SEC
TYPE	M44NJ
SERIAL NO.	358872
JETS 1/32"	20 20 20
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION T/B/S T/B T/B GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)
2	TORQUE AT BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

	5	7	10
TIME			
WEIGHT	13.1	13.1	13.1
FUNNEL VIS.-SEC.	44	46	49
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	350 00 #		
GELSALT	1000 #		

FOOTAGE

FROM	TO	ROT. HOURS	DN-D RN-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	12 00	12 15	¼	RIG SER
14	12 15	1 15	1	FINISH NIPPLE UP
15	1 15	1 30	¼	PRESSURE TEST BLIND RAMS
20	1 30	3 00	1½	LAY DOWN 5" KELLY PICK UP 3½ KELLY
20	3 00	4 30	1½	LAY DOWN 4½ + CASING TOOLS
20	4 30	6 00	1½	PICK UP 3½ TOOLS
20	6 00	8 00	2	PICK UP BIT SUB 3 COLLARS + 3½ PIPE
				Pressuretested Blind rams to 2000 PSI 15 MIN OK.

DRILLER: [signature]

DAY TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT								FT.
1	HC	3¾	6	6			5.93	FT.
3	DC	5	4¾				93.80	FT.
15	HWDP	3½	3½				460.06	FT.
		I.D.	X	O.D.				FT.
		I.D.	X	O.D.				FT.
		I.D.	X	O.D.				FT.
		I.D.	X	O.D.				FT.
		I.D.	X	O.D.				FT.
		I.D.	X	O.D.				FT.
		I.D.	X	O.D.				FT.
42	D.P.	STANDS					4491.33	FT.
	D.P.	SINGLES						FT.
KELLY DOWN							19.74	FT.
TOTAL							6517.00	FT.
W.T. OF DC								LBS.
W.T. OF STRING								LBS.

BIT RECORD

BIT NO.	23
SIZE	6¾
MFG.	SEC
TYPE	M44NJ
SERIAL NO.	358872
JETS 1/32"	20 20 20
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION T/B/S T/B T/B GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)
2	TORQUE AT BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

	1:00
TIME	
WEIGHT	13.6
FUNNEL VIS.-SEC.	69
PV/YP	
GELS	
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
15 cm	##	wet	MAT

FOOTAGE

FROM	TO	ROT. HOURS	DN-D RN-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
20	8 00	3 00	7	PICK UP 3½ PIPE
5	3 00	4 15	1	CIRC + MIX WT MAT
				Derrick Man & Motor Man STAYED OVER 8 HRS CLEANING UP CEMENT CONTAMINATED MUD FROM AROUND MUD TANKS

DRILLER: [signature]

EVENING TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT								FT.
1	EC	2¼	5				5.93	FT.
3	DC	I.D.	X	O.D.			93.80	FT.
15	HWDP	I.D.	X	O.D.			460.06	FT.
		I.D.	X	O.D.				FT.
		I.D.	X	O.D.				FT.
		I.D.	X	O.D.				FT.
		I.D.	X	O.D.				FT.
		I.D.	X	O.D.				FT.
		I.D.	X	O.D.				FT.
42	D.P.	STANDS					4491.33	FT.
	D.P.	SINGLES						FT.
KELLY DOWN							19.74	FT.
TOTAL							6517.00	FT.
W.T. OF DC							5000	LBS.
W.T. OF STRING							120 000	LBS.

BIT RECORD

BIT NO.	23
SIZE	6¾
MFG.	SEC
TYPE	M44NJ
SERIAL NO.	358872
JETS 1/32"	20 20 20
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION T/B/S T/B T/B GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)
2	TORQUE AT BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

	5	7	10
TIME			
WEIGHT	13.1	13.1	13.1
FUNNEL VIS.-SEC.	44	46	49
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	350 00 #		
GELSALT	1000 #		

FOOTAGE

FROM	TO	ROT. HOURS	DN-D RN-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
5	4 00	12 00	8	Circ & Mix W/MAT.
				Raising WT back to 143
				MOTOR MAN & FLOOR HAND STAYED OVER 8 HRS CLEANING UP AROUND MUD TANKS

DRILLER: C Sprague

DAILY DRILLING REPORT

CP-38 (8/70)

WELL NAME: SHELL STE FRANCOISE ROMAINE NO 1

LOCATION: LOT 723-900 RGE II CONTE LOTBINIERE

PROVINCE: QUÉBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mayfield

CONTRACTOR: REGENT DRILLING LTD

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Gilbert

RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
6560				65	1	12	72

	DP / DC SIZE	WT. / FT.	GRADE	IDN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
	4½	16.60	E	3.921	6⅜	XH	1	OILWELL	SLOP	8
							2	EMSCO	7000	16

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	9⅝	36/40	49	1929	17.35	1926	975	
	7⅝	26.4/29.7	157	6565	17.35	6561	500	

TIME DISTRIBUTION -- HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS				
7	RIG SERVICE				
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG	8	7		
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.		1	8	
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	

HOURS FOR SHELL ACCOUNT: 2042

EQUIPMENT FAILURE OR REPAIR TOTAL

BOILER: Centrifuge Stddy 24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		FT.
		BIT	FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
	D.P.	STANDS	FT.
	D.P.	SINGLES	FT.
		KELLY DOWN	FT.
		TOTAL	FT.
		WT. OF DC	LBS.
		WT. OF STRING	LBS.

BIT RECORD

BIT NO.	
SIZE	FT.
MFG.	FT.
TYPE	FT.
SERIAL NO.	FT.
JETS 1/32"	FT.
DEPTH OUT	FT.
DEPTH IN	FT.
TOTAL FOOTAGE	FT.
TOTAL HRS. RUN	FT.
BIT CONDITION 1/8'S T/B 1/8" GAGE	FT.

HOLE CONDITION

1	HOLE DRAG (1000#)
2	TORQUE AT BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME	
WEIGHT	
FUNNEL VIS.-SEC.	
PV/YP	/ / /
GELS.	
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
11	12⁰⁰	1⁰⁰	1	RIG UP WIRE LINE TO LOG.
11	1	8	7	LOGGING.
				RUN SONIC LOG TO CHECK CEMENT BONDING SURFACE TO T.D.
				BOND LOG 65/C-100

DRILLER: Paul Dery

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		FT.
		BIT	FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
	D.P.	STANDS	FT.
	D.P.	SINGLES	FT.
		KELLY DOWN	FT.
		TOTAL	FT.
		WT. OF DC	LBS.
		WT. OF STRING	LBS.

BIT RECORD

BIT NO.	
SIZE	FT.
MFG.	FT.
TYPE	FT.
SERIAL NO.	FT.
JETS 1/32"	FT.
DEPTH OUT	FT.
DEPTH IN	FT.
TOTAL FOOTAGE	FT.
TOTAL HRS. RUN	FT.
BIT CONDITION 1/8'S T/B 1/8" GAGE	FT.

HOLE CONDITION

1	HOLE DRAG (1000#)
2	TORQUE AT BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME	
WEIGHT	
FUNNEL VIS.-SEC.	
PV/YP	/ / /
GELS.	
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	8⁰⁰	3⁰⁰	7	LOGGING + LAY DOWN TOOLS
	3⁰⁰	4⁰⁰		RIG UP TO LAND CASING SLIPS

DRILLER: T. Robert

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		FT.
		BIT	FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
	D.P.	STANDS	FT.
	D.P.	SINGLES	FT.
		KELLY DOWN	FT.
		TOTAL	FT.
		WT. OF DC	LBS.
		WT. OF STRING	LBS.

BIT RECORD

BIT NO.	
SIZE	FT.
MFG.	FT.
TYPE	FT.
SERIAL NO.	FT.
JETS 1/32"	FT.
DEPTH OUT	FT.
DEPTH IN	FT.
TOTAL FOOTAGE	FT.
TOTAL HRS. RUN	FT.
BIT CONDITION 1/8'S T/B 1/8" GAGE	FT.

HOLE CONDITION

1	HOLE DRAG (1000#)
2	TORQUE AT BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME	
WEIGHT	
FUNNEL VIS.-SEC.	
PV/YP	/ / /
GELS.	
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
14	4⁰⁰	12⁰⁰	8	Land Slips Nipple Down BOPs Cut Csg. Install Bit guide
				Nipple up BOPs & Chg Pipe Rams To 3½"
				Motor Man & Derrick Man Came Out 4 HRS. EARLY TO CLEAN MUD TANKS

DRILLER: C Sprague

DAILY DRILLING REPORT

(P-35 (9/70))

WELL NAME: SHELL STE FRANÇOISE ROMAINE NO 1

LOCATION: LOT 223 -200 RGE II CANTON LITBUNIERE

PROVINCE: QUÉBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: D. Murphrik

CONTRACTOR: RECENT DRILLING LTD

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Hebert

RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
6510				64	1	11	72

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
4½	16.60	E	3.921	6½	IF	1	OILWELL E-1500	560	8
						2		700	8

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	9 5/8	36/40	49	1729	17.35	1726	975	

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL		5½	1½	
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS	8	3½	6½	
7	RIG SERVICE				
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	
	HOURS FOR SHELL ACCOUNT	2062			24
	BOILER	8	8	8	

Centrifuge Stddy 24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT — FT.

	I.D.	O.D.	FT.
			FT.
			FT.
			FT.
			FT.
			FT.
			FT.
			FT.
13	D.P. STANDS	5936	FT.
	D.P. SINGLES		FT.
	KELLY DOWN		FT.
	TOTAL		FT.
	WT. OF DC		LBS.
	WT. OF STRING		LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION T/B | 1/8" GAGE	

HOLE CONDITION

1. HOLE DRAG (1000 #)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME	12		4
WEIGHT	138		139
FUNNEL SIS.-SEC.	49		55
PV / YP	/	/	/
GELS	/	/	/
W.L.-C.C.			CC 8/36
F.C. 1/32"			12
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Soltex	90#		

MORNING TOUR

FOOTAGE

FROM	TO	HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
6	12	1	1	RUN IN TO 4420
5	1	1 30	½	CIRC
6	1 30	2 30	1	RUN IN TO 4420
5	2 30	3 45	1¼	CIRC
6	3 45	4 45	1	RUN IN TO 4880
5	4 45	5 15	½	CIRC
6	5 15	6 15	1	RUN IN TO 5780
5	6 15	6 30	¼	CIRC
	6 30	7 15	¾	R.I.H. TO 5936
	7 15			CIRC.
				CORE WITH BARREL

Running in 4½ inside of 7⅝ 2nd stage circulate to condition mud for logging

Driller: Pat Sr

DAY TOUR

FOOTAGE

FROM	TO	HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	8 00	8 30	½	CIRC
	8 30	10 00	1½	RUN IN TO 6342
	10 00	11 00	1	CIRC
	11 00	12 00	1	RUN IN TO 6510
	12 00	4 00	4	CIRC

STAYED OVER TO CLEAN CEMENT IN TANKS 4 HR. 1 CREW

Driller: Jack Robert

EVENING TOUR

FOOTAGE

FROM	TO	HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
5	4 00	5 30	1½	Circ.
6	5 30	12 00	6½	P.O.H. (Pull out

Driller: C Sprague

DAILY DRILLING REPORT

CP-38 (9/70)

WELL NAME: SHELL STE FRANCOISE ROMAIN NO 1
LOCATION: LOT 723-200 RGE II CONTE LOT BINGER
PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited
SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mc Hardie
CONTRACTOR: REGENT DRILLING LTD
SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Wilson
RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
6460				6	1	10	72

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	9 5/8	36/40	44	1929	1736	1926	975	

DR. / DC. SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT. O.D.	TYPE THREAD

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OILWELL	568	8
2	EMSCO	700	16

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING	3	3	3	9
6	TRIPS	3	1	5	9
7	RIG SERVICE				
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23			4		4
24	RU WIRELINE	5			5
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	8	8	8	24
FOOTAGE CORRECTION	BOILER			8	8

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			
		BIT		FT.
		I.D. X O.D.		FT.
		I.D. X O.D.		FT.
		I.D. X O.D.		FT.
		I.D. X O.D.		FT.
		I.D. X O.D.		FT.
		I.D. X O.D.		FT.
		I.D. X O.D.		FT.
		I.D. X O.D.		FT.
		D.P. STANDS		FT.
		D.P. SINGLES		FT.
		KELLY DOWN		FT.
		TOTAL		FT.
		WT. OF DC		LBS.
		WT. OF STRING		LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)
2 TORQUE AT BOTTOM (DP TURNS)
3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	
WEIGHT	
FUNNEL VIS.-SEC.	
PV/YP	/ / /
GELS	/ / /
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

MORNING TOUR

FOOTAGE

FROM	TO	HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12	12 00	3 00	3	PULL OUT FILL HOLE WITH DRILL FLUID EVERY 10 STANDS
11	3 00	4		RIG UP WIRELINE UNIT
11	4	5		RUN WIRELINE TO 240 WONT GO
C	6	9		PIE SW MECULANT

DRILLER: Paul Sm

DAY TOUR

FOOTAGE

FROM	TO	HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	8 00	12 00	4 00	RIG UP CIRCULATING PAN FROM T&CASING HEAD TO SHALE SHAKERS
	12 00	3 00	3	CONDITION MUD IN TANKS
	3 00	4 00	1 00	RUNNING 4½ PIPE INSIDE 7⅞ CSG.

DRILLER: Joe Robert

EVENING TOUR

FOOTAGE

FROM	TO	HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
6	4 00	5 30	1½	RIH TO 900'
5	5 30	6 30	1	Cir. CONDITION CEMENT CUTTING OUT OF MUD.
6	6 30	7 30	1	RIH TO 1875'
5	7 30	8 00	½	Cir.
6	8 00	9 00	1	RIH TO 2700'
5	9 00	9 45	¾	Cir.
6	9 45	10 45	1	RIH TO 3200'
5	10 45	11 00	¼	Cir.
6	11 00	11 30	½	RIH TO 3669
5	11 30	12 00	½	Cir.

Circulating W/ Dowell

DRILLER: C Sprague

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			
		BIT 14		FT.
1	55	I.D. X O.D.	1.66	FT.
		I.D. X O.D.		FT.
		I.D. X O.D.		FT.
		I.D. X O.D.		FT.
		I.D. X O.D.		FT.
		I.D. X O.D.		FT.
		I.D. X O.D.		FT.
		I.D. X O.D.		FT.
		D.P. STANDS		FT.
		D.P. SINGLES		FT.
		KELLY DOWN		FT.
		TOTAL		FT.
		WT. OF DC		LBS.
		WT. OF STRING		LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)
2 TORQUE AT BOTTOM (DP TURNS)
3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	12 00
WEIGHT	13.7
FUNNEL VIS.-SEC.	45
PV/YP	/ / /
GELS	/ / /
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
GEL	16 00 #		
DRIL GEL	1 00 #		
SODA ASH	1 00 #		

CP-30 (9/70)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE RD MAINE NO. 1

LOCATION: LOT 723-200 RGE II CANTON POT BINIERE

PROVINCE: QUÉBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Thrapp

CONTRACTOR: REGENT DRILLING LTD

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE

RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
1640				62	1	9	72

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT. O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
						1	OILWELL	360 D	8
						2	EMSCO	700D	16

CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
LAST	9 5/8	36/40	49	1929	17.35	1926	975	

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MOBIL.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	HOLE OPENING				
4	CORING				
5	REAM., CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS				
7	RIG SERVICE				
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT	4	16	4	24
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	7	8	24
	HOURS FOR SHELL ACCOUNT				
	BOILER	8	8	8	24

Centrifuge Stalby 24hrs

DESILTER PERFORMANCE

	MOBIL.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

DRILLING ASSEMBLY — NO. / CODE AT END OF TOUR

BIT ____ FT.

	I.D.	O.D.	FT.
	I.D.	O.D.	FT.
	I.D.	O.D.	FT.
	I.D.	O.D.	FT.
	I.D.	O.D.	FT.
	I.D.	O.D.	FT.
	I.D.	O.D.	FT.
	I.D.	O.D.	FT.
D.P.	STANDS		FT.
D.P.	SINGLES		FT.
KELLY DOWN			FT.
TOTAL			FT.
WT. OF DC			LBS.
WT. OF STRING			LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION T/B|1/8"S T/B|1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000 #)

2 TORQUE AT BOTTOM (DP TURNS)

3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	1	3	C
WEIGHT	13 3/16		14#
FUNNEL VIS.-SEC.	55		80
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	10500#		
BICARB	100#		
PELTEX	50#		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

MORNING TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12				COND MUD + WORK PIPE ATTEMP TO BREAK CIRC TO 2500 PSI
				REPEATED ATTEMPTS TO BREAK CIRCULATION FAILED

DRILLER: Paul Rose

DAY TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12	8 00	4 00	8	COND MUD WORK PIPE
				WAIT ON WIRELINE AND LOGGING EQUIPMENT.

DRILLER: Joe Bohart

EVENING TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12	4 00	6 00	2	COND MUD WORK PIPE
12	6 00	12 00	6	RUN IN 25 STANDS CLEAN OUT CLOGGED MUD EVERY 5 STDS
				MU
				RUN 2300' OF 4 1/2" PIPE INSIDE 7 5/8 TO
				CHECK COND. OF MUD FOR LOGGING MUD HEAVY AND CLOGGED AT THE SURFACE RETURNS FROM 2200' APPEAR OK

DRILLER

DAILY DRILLING REPORT

(P-38 (9/70))

WELL NAME: Shell Ste Francoise Romaine # 1

LOCATION: Lot 723-200 Rge Comte. Lotbinière — PROVINCE: Que.

OPERATOR: Shell Canada Limited — SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

CONTRACTOR: Regent Drilling Ltd. — SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: [signature] — RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
6560				61	1	8	72

DP / DC SIZE	WEIGHT	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
4½	16.6	E	3.89	6½	XH	1	OILWELL	560P	8"
3¼	88	–	2¾	6¾	6"NSD	2	EMSCO	700D	16"

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	RB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	9 5/8	36 40	49	1926	17.35	1926	975	

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING	5½	3		8¼
6	TRIPS				
7	RIG SERVICE				
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT	2½			2½
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23			5	8	13
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
	BOILER	8	8	8	24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			
BIT				FT.
	I.D.	X	O.D.	FT.
	I.D.	X	O.D.	FT.
	I.D.	X	O.D.	FT.
	I.D.	X	O.D.	FT.
	I.D.	X	O.D.	FT.
	I.D.	X	O.D.	FT.
	I.D.	X	O.D.	FT.
	I.D.	X	O.D.	FT.
D.P.	STANDS			FT.
D.P.	SINGLES			FT.
KELLY DOWN				FT.
TOTAL				FT.
WT. OF DC				LBS.
WT. OF STRING				LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000 #)
2 TORQUE AT BOTTOM (DP TURNS)
3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	6⁰⁰	8⁰⁰
WEIGHT	14.9	15
FUNNEL VIS.-SEC.	57	68
PV/YP	/	/
GELS	/	/
W.L.-C.C.		
F.C. 1/32"		
PH		
% OIL		
% SAND		

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Barite	8000		

FOOTAGE

FROM	TO	HOT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6560	TD													

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
5	12⁰⁰	1³⁰	1½	Cir Csg.
12	1³⁰	4⁰⁰	2½	Cementing. Dowell Pumps Not picking up Slurry.
5	4⁰⁰	8⁰⁰	4	Cir Csg Displace. Cement over. Shaker to Sump.
RUN 30 74 JTS 9 5/8" 3053.5' OF 29.				

DRILLER: C Lorrain

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			
BIT				FT.
	I.D.	X	O.D.	FT.
	I.D.	X	O.D.	FT.
	I.D.	X	O.D.	FT.
	I.D.	X	O.D.	FT.
	I.D.	X	O.D.	FT.
	I.D.	X	O.D.	FT.
	I.D.	X	O.D.	FT.
	I.D.	X	O.D.	FT.
D.P.	STANDS			FT.
D.P.	SINGLES			FT.
KELLY DOWN				FT.
TOTAL				FT.
WT. OF DC				LBS.
WT. OF STRING				LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000 #)
2 TORQUE AT BOTTOM (DP TURNS)
3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	8⁰⁰	9	11
WEIGHT	15+	15.3	15.3
FUNNEL VIS.-SEC.	1/4	70	CLOBBERED
PV/YP		/	/
GELS		/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
DRC GELTEX	6		
DRC BICARB	2		
DRC BARITE	10		

FOOTAGE

FROM	TO	HOT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	8⁰⁰	11⁰⁰	3	CIRC CASING PUMP UP CLOBBERED MUD
	11⁰⁰		4	LOST SUCTION CAN NOT BREAK CIRC WORK CASING.

RUN 74 JTS (9 5/8") CASING AS FOLLOWS. 24 JTS. 29.7' (110 X-L) 14 JTS. 585.21' 29# 500 BBL MUD
34 JTS. 1470.37' 29.7 N80 MOD, 84 JTS 3542.84' 26# N80 MOD.

CASING EQUIPPED WITH JAWS FLOATSHOE AND FLOATCOLLAR ON BOTTOM JOINT.

DRILLER: Paul Lor

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			
BIT				FT.
	I.D.	X	O.D.	FT.
	I.D.	X	O.D.	FT.
	I.D.	X	O.D.	FT.
	I.D.	X	O.D.	FT.
	I.D.	X	O.D.	FT.
	I.D.	X	O.D.	FT.
	I.D.	X	O.D.	FT.
	I.D.	X	O.D.	FT.
D.P.	STANDS			FT.
D.P.	SINGLES			FT.
KELLY DOWN				FT.
TOTAL				FT.
WT. OF DC				LBS.
WT. OF STRING				LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000 #)
2 TORQUE AT BOTTOM (DP TURNS)
3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	
WEIGHT	
FUNNEL VIS.-SEC.	
PV/YP	/
GELS	/
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	HOT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	4⁰⁰			WORK CASING & CONDITION CEMENT CONTAMINATED
		12⁰⁰	8	MUD IN TANKS
				CASING STUCK AFTER CIRCULATING 4½ HRS. FREEING SECOND ATTEMPT AT CEMENTING.

DRILLER: Joe Kohut

DAILY DRILLING REPORT

WELL NAME: Shell Ste Françoise Romaine #1
LOCATION: Lot 723-200 Rge Comte Lotbinière
PROVINCE: Que

OPERATOR: Shell Canada Limited
CONTRACTOR: Regent Drilling Ltd
RIG NO: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
6560			7761/2	60	1	7	72

DP / DC. SIZE	WT. / FT.	GRADE	HRS. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
4 1/2	16.6	E	3.89	6 1/2	X.H.	1	O.J. Well	560P	8"
6 3/4	88	—	2 3/4	6 3/4	5"490	2	EMSCO	700D	16"

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	9 5/8	36/40	49	1926	17.35	1926	975	

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING		5 1/4	8	13 1/4
6	TRIPS				
7	RIG SERVICE				
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT	8	2 3/4		10 3/4
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT		2042		
	BOILER	8	8	8	24

Crew Certification: Certified [illegible] Shelly Zirk

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

		FT.
BIT		FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
D.P. STANDS		FT.
D.P. SINGLES		FT.
KELLY DOWN		FT.
TOTAL		FT.
WT. OF DC		LBS.
WT. OF STRING		LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)
2	TORQUE AT BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME				
WEIGHT				
FUNNEL VIS.-SEC.				
PV/YP	/	/	/	/
GELS	/	/	/	/
W.L.-C.C.				
F.C. 1/32"				
PH				
% OIL				
% SAND				

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6560														

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12	12:00	8:00	8	Run Csg. Rabbit every joint. Fill Pipe every joint.
				Mechanic stayed over 8 hrs Running Power Tongs
				Brevard Motor Man 1 hr Run Csng.
				Afternoon Crew stayed over 8 hrs To Run Csng.

DRILLER: C. Lavigne

DAY TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

		FT.
BIT		FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
D.P. STANDS		FT.
D.P. SINGLES		FT.
KELLY DOWN		FT.
TOTAL		FT.
WT. OF DC		LBS.
WT. OF STRING		LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)
2	TORQUE AT BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME	2:00	3:00	5:30	
WEIGHT	15.6	15.4	15.4	
FUNNEL VIS.-SEC.	92	90	90	
PV/YP	/	/	/	/
GELS	/	/	/	/
W.L.-C.C.				
F.C. 1/32"				
PH				
% OIL				
% SAND				

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Pheltex	60#		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
								1250				6	47	

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12	8:00	10:00	D	Finish Run 7 3/4 Rabbit + Fill every Joint
5	10:00	1:00	3	Circ Casing + Cas Cut Mud
	1:00	1:45	3/4	Rig To Cmt + Cmt
	1:45	4:00	2 1/4	Hook up To Kelly Hose + Pump Cmt Around (Wrong Mixture @ Water) (128bls Cmt Slurry)

DRILLER: Paul Gray

EVENING TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

		FT.
BIT		FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
D.P. STANDS		FT.
D.P. SINGLES		FT.
KELLY DOWN		FT.
TOTAL		FT.
WT. OF DC		LBS.
WT. OF STRING		LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)
2	TORQUE AT BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME	Hrs. Circ Loss			
WEIGHT	15.4	15.4	15.3	
FUNNEL VIS.-SEC.	90	90	90	
PV/YP	/	/	/	/
GELS	/	/	/	/
W.L.-C.C.				
F.C. 1/32"				
PH				
% OIL				
% SAND				

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Pheltex	150 #		
Run water	3 gal		
0 min			

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	4:00	8:00		Circulate Casing
				Wait on Retarder Chemicals

DRILLER: Jim Robert

DAILY DRILLING REPORT

WELL NAME: Shell Ste Francoise Barraine #1

LOCATION: Lot 223 - 2nd Rge Comte Labinière

PROVINCE: Que

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R Allen Hewitt

CONTRACTOR: REGENT DRILLING LTD

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J Hilburn

RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
6560			776½	59	1	6	72

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
4½	16.6	E	3.89	6½	XH	1	O.I. Well	560P	8"
13¼	88	—	2 3/4	6¾	4 90	2	EMSCO	700D	16"

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	9 5/8	36/40	49	1926	17.35	1926	975	

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	4½	3½	3	
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS				
7	RIG SERVICE	½			
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT			6	
14	NIPPLE UP B.O.P.		2		
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS		3		
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	8	8	8	
	BOILER	8	8	8	

Centrifuge Stdby.

DESILTER PERFORMANCE

	WORK	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

	BIT	FT.
1	E6 2 7/8 x 6 3/4	540 FT.
1	DO 2 7/8 x 6 1/8	28.02 FT.
1	SQ 2 7/8 x 7 O.D.	6.15 FT.
1	RO 2 7/8 x 7 O.D.	5.86 FT.
1	DM 2 7/8 x 7 O.D.	30.86 FT.
21	DC 2 7/8 x 6 3/4 O.D.	631.62 FT.
1	XO I.D. 2 7/8 x 6 3/4 O.D.	2.45 FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
61	D.P. STANDS	FT.
2	D.P. SINGLES	58 11.13 FT.
	KELLY DOWN	39.68 FT.
	TOTAL	6560.0 FT.
	WT. OF DC	55000 LBS.
	WT. OF STRING	130.000 LBS.

BIT RECORD

BIT NO.	RR 22
SIZE	8 3/4
MFG.	SEC
TYPE	M44N
SERIAL NO.	374843
JETS 1/32"	18/18/18
DEPTH OUT	6560
DEPTH IN	6449
TOTAL FOOTAGE	109
TOTAL HRS. RUN	29¾
BIT CONDITION 1/8'S T/B/1/8" GAGE	3 3 0

HOLE CONDITION

1	HOLE DRAG (1000#)
2	TORQUE AT BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME	3⁰⁰	5⁰⁰	6⁰⁰
WEIGHT	14.8	15.6	15.6
FUNNEL VIS.-SEC.	70	90	90
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
	6560											6		

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	12⁰⁰	12¹⁵	¼	Rig Ser.
6	12¹⁵	2⁰⁰	1¾	R.I.H.
5	2⁰⁰	6³⁰	4½	Cir Cond Mud & Hole To Run Csg
6	6³⁰	8⁰⁰	1½	Blow Kelly + P.O.H.

DRILLER: C Lonergan

DAY TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

	BIT	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	D.P. STANDS	FT.
	D.P. SINGLES	FT.
	KELLY DOWN	FT.
	TOTAL	FT.
	WT. OF DC	LBS.
	WT. OF STRING	LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B/1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000#)
2	TORQUE AT BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME			
WEIGHT			
FUNNEL VIS.-SEC.			
PV/YP	/	/	/
GELS			
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4	8⁰⁰	11³⁰	3½	P.O.H.
20	11³⁰	1⁰⁰	1½	RICUP TO LAY DOWN COLLARS
20	1¹⁰	3⁰⁰	2½	LAY DOWN COLLARS + SUBS
14	3⁰⁰	4⁰⁰	2	CHANGE 4½ RAMS TO 7¾ + RIG TO RUN CSNG
				1 CREW STAYED OVER 8 HRS TO RUN CSNG.

DRILLER:

EVENING TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

	BIT	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	D.P. STANDS	FT.
	D.P. SINGLES	FT.
	KELLY DOWN	FT.
	TOTAL	FT.
	WT. OF DC	LBS.
	WT. OF STRING	LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B/1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000#)
2	TORQUE AT BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME			
WEIGHT			
FUNNEL VIS.-SEC.			
PV/YP	/	/	/
GELS			
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	4W	5⁰⁰		Rig to run csg.
	5⁰⁰			
		12⁰⁰		RUNNING CASING
				RABBIT EVERY JOINT, DOG COLLAR ON X-LINK
				FILLING PIPE EVERY JNT.
	MECHANIC 8 HRS RUNNING POWER TONGS			
				1 - DERRICK MAN STAY OVER 4 HRS TO RUN CASING

DRILLER: Jack Kohut

DAILY DRILLING REPORT

WELL NAME: Shell Ste Francoise Bonaire #1
LOCATION: Lot 723-200 Rge II Comte Lotbinière
PROVINCE: Que

OPERATOR: Shell Canada Limited
SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Miller
CONTRACTOR: REGENT DRILLING LTD.
SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Hubbard
RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
6560	6560	0	77 1/2	58	1	5	72

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD
4 1/2	16.6	E	3.89	6 1/2	X H
6 3/4	88	—	2 3/4	6 3/4	FH

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	Oilwell	560P	8"
2	EMSCO	700D	16"

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	9 5/8	36/40	49	1926	17.35	1926	975	

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS			2 1/2	2 1/2
7	RIG SERVICE				
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG	8	8	4	20
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.			1 3/4	1 3/4
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON	20 1/2 - 4hrs			
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	20 1/2			20hrs
DOWNTIME RECORD	BOILER	8	8	8	24

Centrifuge Kelly 24 1/2

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	E6	12 1/4 x 6 7/8	540 FT.
1	DD	12 1/4 x 6 7/8	2802 FT.
1	SQ	12 1/4 x 7	615 FT.
1	R3	12 1/4 x 7	3586 FT.
1	DM	12 1/4 x 7	3086 FT.
21	DC	12 1/4 x 6 3/4	6316 2 FT.
1	XO	12 1/4 x 6 3/4	2 45 FT.
		I.D. x O.D.	FT.
		I.D. x O.D.	FT.
		I.D. x O.D.	FT.
61	D.P.	STANDS	FT.
2	D.P.	SINGLES	58 11 13 FT.
		KELLY DOWN	39 00 FT.
		TOTAL	6560.49 FT.
WT. OF DC			55000 LBS.
WT. OF STRING			140000 LBS.

BIT RECORD

BIT NO.	22
SIZE	8 3/4
MFG.	Sec
TYPE	M44N
SERIAL NO.	374243
JETS 1/32"	18 18 18
DEPTH OUT	6560
DEPTH IN	6449
TOTAL FOOTAGE	109
TOTAL HRS. RUN	29 3/4
BIT CONDITION 1/8'S T/B 1/8" GAGE	3 3 0

HOLE CONDITION

1	HOLE DRAG (1000 #)
2	TORQUE AT BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME	
WEIGHT	
FUNNEL VIS.-SEC.	
PV / YP	/ / /
GELS.	/ / /
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

MORNING TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
11	12 00	8 00	8	Logging
				Hole Standing Full

DRILLER: C. Sprague

DAY TOUR

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
														Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
				LOGGING (HOLE STANDING FULL)

DRILLER: Paul Gray

EVENING TOUR

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
					SIDEWALL CORES 1992-6933									
					REC. 19 TOTAL 25 SHOTS									

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
11	4 00	9 00	4	LOGGING
14	4 00	8 45	3/4	LAY DOWN LOGGING TOOLS
14	8 45	9 45	1	NIPPLE UP FLOW LINE & FLOW NIPPLE
6	9 45	12 00	2 1/4	RUN IN W DRILL STRING.
				RAN DUAL INDUCTION FOCUSED LOG. 6566 - 1928
				BHC ACOUSTILOG 6557 - 20
				DENSILOG 6563 - 1928
				DIPLOG 6566 - 1928

DRILLER: Jack Hurst

DAILY DRILLING REPORT

CP-38 (9/70)

WELL NAME: Shell Ste Francoise Romaine #1

LOCATION: Lot 733 - 200 Rge 11 Comte. Lotbinière

PROVINCE: Que.

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: C. Mastrink

CONTRACTOR: Regent Drilling Ltd

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE:

RIG NO: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
6560	6560		776½	57	1	4	72

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
4 1/2	16.6	E	3.89	6 1/2	X H	1	O.L Well	560 P	8
6 3/4	88	—	2 3/4	6 3/4	5" HSO	2	E.M.S.C.O.	700 D	16

LAST CASING, TUBING OR LINER

SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
9 5/8	36/40	49	1926	17.35	1926	975	

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN OUT BOTTOM & CIRCULATING				
6	TRIPS				
7	RIG SERVICE				
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG	8	8	8	24
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
	BOILER	8	8	8	24

Certified Boiler standby 24 hrs.

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			FT.
		BIT		
1	EG	3 7/8 x 6 7/8		540 FT.
1	DO	3 7/8 x 6 3/4		38.02 FT.
1	SD	3 7/8 x 7		6.15 FT.
1	A3	3 7/8 x 7		5.86 FT.
1	DM	3 7/8 x 7		30.86 FT.
21	PC	3 7/8	6 3/4	631.62 FT.
1	SD	3 7/8	6 1/2	2.45 FT.
				FT.
				FT.
				FT.
61	D.P.	STANDS		FT.
2	D.P.	SINGLES		58.11.13 FT.
		KELLY DOWN		39 FT.
		TOTAL		6560.13 FT.
		WT. OF DC		55 000 LBS.
		WT. OF STRING		130 000 LBS.

BIT RECORD

BIT NO.	22
SIZE	8 3/4
MFG.	Sec
TYPE	M44N
SERIAL NO	374843
JETS 1/32"	18/18/18
DEPTH OUT	6560
DEPTH IN	6449
TOTAL FOOTAGE	109
TOTAL HRS. RUN	29¾
BIT CONDITION 1/8'S T/B | 1/8" GAGE	3 3 0

HOLE CONDITION

1	HOLE DRAG (1000 #)
2	TORQUE AT BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME	
WEIGHT	
FUNNEL VIS.-SEC.	
PV / YP	/ /
GELS.	/ /
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

MORNING TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
11	12 00	8 00	8	Logging.
				Fill Hole Every 2 hrs
				Hole Standing Full

DRILLER: C. Lapointe

DAY TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
11	8 00	4 00	8	LOGGING
				HOLE FULL
				Wilen damaged logging line.
				4 hrs down repairing Wilen cable.

DRILLER: Paul Guy

EVENING TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	4 00	12 00	8	LOGGING
				HOLE FULL

DRILLER: Joe Robert

DAILY DRILLING REPORT

CP-38 (8/70)

WELL NAME: SHELL STE FRANCOISE ROMAINE #1

LOCATION: LOT 723 - 200 RANG 6 II COMTE LOTBINIERE PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

CONTRACTOR: REGENT DRILLING LTD. RIG NO.: 6

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mac Smith

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE:

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DAY	YEAR
6516	6560	44	776½	56	1	3	72

BIT NO.	SIZE	MAKE	TYPE	SERIAL NO.	JETS 1/32"	DEPTH OUT	DEPTH IN	TOTAL FOOTAGE	TOTAL HRS. RUN	BIT CONDITION 1/8'S T/B | 1/16" GAGE
22	9 3/4	SEC	M44N	376515	18 18 18	6560	6449	96	26	0 0 | 16
23	8 3/4	SEC	M44N	376843	18 18 18	6560	6449	109	29¼	

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	9 5/8	36 - 40	49	1926	17.85	1926	975	

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OIL WELL	520D	8
2	EMSCO	700D	16

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN	DAY	EVE	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7¼	3¾	14½	
3	HOLE OPENING				
4	CORING				
5	RUN, CLEAN TO BOTTOM & CIRCULATING		2	2	
6	TRIPS		1¾	5¾	
7	RIG SERVICE	¼	¼	½	
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY		¾	¾	
11	WIRE LINE LOG		3½	3½	
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	9	8	
	HOURS FOR SHELL ACCOUNT	20	4	8	
RENTAL EQUIPMENT	BOILER	8	0	8	

Centrifuge Stddy 24 hrs

DESILTER PERFORMANCE

	MORN	DAY	EVE
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	EC	12¼ x 6½	5.40 FT.
1	DQ	12¼ x 6½	29.02 FT.
1	SQ	11 x 7	6.15 FT.
1	R3	11 x 7	5.86 FT.
1	DMJ	11 x 7	30.56 FT.
21	DC	9½ x 6¾	631.62 FT.
1	XO	9½ x 6½	2.45 FT.
			FT.
			FT.
			FT.
61	D.P.	STANDS	FT.
2	D.P.	SINGLES	58.13 FT.
		KELLY DOWN	24.15 FT.
		TOTAL	6545.30 FT.
WT. OF DC			55000 LBS.
WT. OF STRING			130000 LBS.

HOLE CONDITION

1 HOLE DRAG (1000 #)
2 TORQUE AT BOTTOM (DP TURNS)
3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	12 00	4 00	8 00
WEIGHT	15.5	15.6	15.6
FUNNEL VIS.-SEC.	75	80	80
PV/YP	/	/	/
GELS.	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	10,500 #	WATER	@
CAUSTIC	100 #	3½ MIX - HRS	
MEFFO-BAR	100 #		
PELTEX	150 #		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6516	6545	7¾	D		Shale	45	70	1100				6	68	

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	
7	12 00	12 15	¼	Rig Ser
2	12 15	8 00	7¾	Drlg

DRILLER: P. Lapointe

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	EC	12¼ x 6½	5.40 FT.
1	DQ	11 x 6¾	29.02 FT.
1	SQ	11 x 7	6.15 FT.
1	R3	11 x 7	5.86 FT.
1	DMJ	11 x 7	30.56 FT.
21	DC	9½ x 6¾	631.62 FT.
1	XO	11 x 6½	2.45 FT.
			FT.
			FT.
			FT.
61	D.P.	STANDS	FT.
2	D.P.	SINGLES	58.13 FT.
		KELLY DOWN	59 FT.
		TOTAL	6560 FT.
WT. OF DC			55 LBS.
WT. OF STRING			130 LBS.

HOLE CONDITION

1 HOLE DRAG (1000 #)
2 TORQUE AT BOTTOM (DP TURNS)
3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	10	12	2
WEIGHT	15.6	15.6	15.6
FUNNEL VIS.-SEC.	86	85	83
PV/YP	/	/	/
GELS.			
W.L.-C.C.			42
F.C. 1/32"			9
PH			12.5
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	250 #		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6545	6560	3¾	D		SHALE	45	70	1100		6½		6	68	

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	
7	8 00	8 15	¼	SER. RIG / BOPS
2	8 15	12 00	3¾	DRLG
5	12 00	2 00	2	CIRC TO LOG
10	2 00	2 45	¾	TRIP OUT SLOWLY P.U.H
	2 45	4 00	1¼	

DRILLER: [illegible]

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
			FT.
			FT.
			FT.
			FT.
			FT.
			FT.
			FT.
			FT.
			FT.
			FT.
	D.P.	STANDS	FT.
	D.P.	SINGLES	FT.
		KELLY DOWN	FT.
		TOTAL	6560 FT.
WT. OF DC			LBS.
WT. OF STRING			LBS.

HOLE CONDITION

1 HOLE DRAG (1000 #)
2 TORQUE AT BOTTOM (DP TURNS)
3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME			
WEIGHT			
FUNNEL VIS.-SEC.			
PV/YP	/	/	/
GELS.			
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	
	4 00			PULL OUT SLOWLY POWER STRAP / STANDBACK
		8 30	4½	2 REAMERS + STABILIZER + SQUARE COLLAR
	8 30			REMOVE FLOW LINE + FLOW NIPPLE - INSTALL
		10 30	2	FLANGE + CSNG ON TOP OF BOP'S TO LOG THROUGH
	10 30			LOGING.

DRILLER: Joe Rajotte

DAILY DRILLING REPORT

CP-38 (9/70)

WELL NAME: Shell Ste Francoise Romaine #1

LOCATION: Lot 723-200 Range II Conte Lot Bivere — PROVINCE: Que

765

OPERATOR: Shell Canada Limited — SIGNATURE OF OPERATOR'S REPRESENTATIVE: G. Fitzpatrick

CONTRACTOR: Regent Drilling Ltd — SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Wilson — RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
6449	6516	67	783 1/4	55	1	2	72

DP / DC SIZE	WT.	GRADE	MIN. I.D.	TOOL JT. O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
4 1/2	16.6	E	3.89	6 1/2	X H.	1	OILWELL	560P	8
6 3/4	88	—	2 3/4	6 3/4	SHRD	2	EMSCO	700B	16

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	9 5/8	36/40	49	1926	1735	1926	975	

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	2 3/4	7 3/4	7 3/4	18 1/4
3	HOLE OPENING				
4	CORING				
5	REAM HOLE TO GAUGE & CIRCULATING	1/4			1/4
6	TRIPS	3 3/4			3 3/4
7	RIG SERVICE	1/4	1/4	1/4	3/4
8	RIG REPAIR	1			1
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	2042			24
BOILER	BOILER	8	8	8	24

Centrifuge in Stdby 24 Hrs

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

BIT — FT

NO.	CODE				
1	EL	37/16 x 6 3/8		540	FT
1	OD	27/16 x 6 3/8		28.02	FT
1	SD	27/16 x 7		6.15	FT
1	R3	27/16 x 7		5.86	FT
1	DM	27/16 x 7		30.86	FT
21	DC	5 1/2 x 2 1/4		631.62	FT
1	XO	2 7/16 x 6 1/2		2.45	FT
		I.D. x O.D.			FT
		I.D. x O.D.			FT
		I.D. x O.D.			FT
20	D.P.	STANDS			FT
2	D.P.	SINGLES		51.15	FT
		KELLY DOWN		33.15	FT
		TOTAL		6458	FT
		WT. OF DC		55 000	LBS.
		WT. OF STRING		130 000	LBS.

BIT RECORD

BIT NO.	22
SIZE	8 3/4
MFG.	Sec.
TYPE	FM4N
SERIAL NO.	324843
JETS 1/32"	18 18 18
DEPTH OUT	
DEPTH IN	6449
TOTAL FOOTAGE	9
TOTAL HRS. RUN	2 3/4
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1. HOLE DRAG (1000 #)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME	
WEIGHT	
FUNNEL VIS.-SEC.	
PV/YP	/ / / /
GELS.	
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
DELTA	50#		

FOOTAGE

FROM	TO	ROT. HOURS	DR'G RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6449	6458	2 3/4	D		Shale	30	70	1600		5 3/4	130			

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
7	1200	1215	1/4	Rig Ser.
6	1215	315	2	R.I.H. To Shoe
8	315	315	1	Replace Gaskets on 12 3/4 Sections.
6	315	500	1 3/4	R.I.H.
5	500	515	1/4	Clean 30' To Bottom.
2	515	800	2 3/4	Drlg
				Gas Cut Mud For The

DRILLER: C Lafrance

DRILLING ASSEMBLY AT END OF TOUR

BIT — FT

NO.	CODE				
1	EL	37/16 x 6 3/8		540	FT
1	OD	27/16 x 6 3/8		28.02	FT
1	SD	27/16 x 7		6.15	FT
1	R3	27/16 x 7		5.86	FT
1	DM	27/16 x 7		30.86	FT
21	DC	5 1/2 x 2 1/4		631.62	FT
1	XO	2 7/16 x 6 1/2		2.45	FT
		I.D. x O.D.			FT
		I.D. x O.D.			FT
		I.D. x O.D.			FT
41	D.P.	STANDS		5742.91	FT
	D.P.	SINGLES			FT
		KELLY DOWN		33	FT
		TOTAL		6490	FT
		WT. OF DC		55	LBS.
		WT. OF STRING		130	LBS.

BIT RECORD

BIT NO.	22
SIZE	8 3/4
MFG.	Sec
TYPE	FM4N
SERIAL NO.	324843
JETS 1/32"	18 18 18
DEPTH OUT	
DEPTH IN	6449
TOTAL FOOTAGE	41
TOTAL HRS. RUN	10 1/2
BIT CONDITION 1/8'S T/B | 1/8" GAGE	Drlg

HOLE CONDITION

1. HOLE DRAG (1000 #)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME	8	11	3
WEIGHT	15.5	15.5	15.5
FUNNEL VIS.-SEC.	120	45	46
PV/YP		28/18	
GELS.		4/5	
W.L.-C.C.		5.6	
F.C. 1/32"		2/32	
PH		10.5	
% OIL		—	
% SAND		1/4	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Lignite	100 LL		
Bar.	7000		

FOOTAGE

FROM	TO	ROT. HOURS	DR'G RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6456	6490	7 3/4	D		Shale	40	70	1500		6 3/4	135	6	40	Comp

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
7	900	845	1/4	SER RIG ✓BOPS
2	8	400	7 3/4	DRLG

DRILLER: Paul Lee

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

BIT — FT

NO.	CODE				
1	EL	37/16 x 6 3/8		540	FT
1	OD	27/16 x 6 3/8		28.02	FT
1	SD	27/16 x 7		6.15	FT
1	R3	27/16 x 7		5.86	FT
1	DM	27/16 x 7		30.86	FT
21	DC	5 1/2 x 2 1/4		631.62	FT
1	XO	2 7/16 x 6 1/2		2.45	FT
		I.D. x O.D.			FT
		I.D. x O.D.			FT
		I.D. x O.D.			FT
61	D.P.	STANDS			FT
1	D.P.	SINGLES		5729.50	FT
		KELLY DOWN		26.41	FT
		TOTAL		6516.00	FT
		WT. OF DC		55 000	LBS.
		WT. OF STRING		130 000	LBS.

BIT RECORD

BIT NO.	22
SIZE	8 3/4
MFG.	Sec
TYPE	FM4N
SERIAL NO.	324843
JETS 1/32"	18 18 18
DEPTH OUT	
DEPTH IN	6449
TOTAL FOOTAGE	67
TOTAL HRS. RUN	18 1/4
BIT CONDITION 1/8'S T/B | 1/8" GAGE	Drlg

HOLE CONDITION

1. HOLE DRAG (1000 #)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME	4	8	12
WEIGHT	15.5	15.5	15.5+
FUNNEL VIS.-SEC.	65	78	76
PV/YP	/	/	/
GELS.			
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR'G RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6490	6516	7 3/4	D		Shale	40	70					6	55	

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
7	400	415	1/4	Rig Ser.
2	4	1200	7 3/4	Drlg

DRILLER: [illegible]

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOIS ROMAINE NO 1

LOCATION: LOT 723 - 200 RANGE II CANTÉ LOTBINIÈRE

PROVINCE: QUÉBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mc Affrick

CONTRACTOR: REGENT DRILLING LTD

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Williams

RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
6370	6449	79	7.65	54	1	1	72

747

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
4½	16.6	E	3.826	6 5/8	XH	1	OILWELL	5 CP	8
6¾	84		2¾	1 3/4	(NC 46)	2	EMSCO	7000	16

LAST CASING TUBING OR LINER

SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
9⅝	36/40	49	1929	17.35	1926	975	

TIME DISTRIBUTION — HOURS

CODE	OPERATION	MORN.	DAY	EVE	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7¾	7¼	3	18
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS			3¾	3¾
7	RIG SERVICE	1/4	¼	¼	¾
8	RIG REPAIR		½		½
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY			1	1
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	2042	24½		
BOILER		8	8	8	24

CIRCULATING EQUIPMENT USED: Centrifuge Kelly 24½

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	EC	12¼ 6¾ x 6¾	5.40 FT.
1	DQ	12¼ x 6⅝	29.02 FT.
1	SQ	12¼ x 7	4.15 FT.
1	R3	12¼ x 7	5.86 FT.
1	QM	12¼ x 7	30.96 FT.
21	DC	12¼ x 6¾	631.62 FT.
1	XO	12¼ x 6¾	2.45 FT.
		I.D. x O.D.	FT.
		I.D. x O.D.	FT.
		I.D. x O.D.	FT.
60	D.P.	STANDS	5654.79
	D.P.	SINGLES	FT.
	KELLY DOWN		36.35 FT.
	TOTAL		6401.00 FT.
WT. OF DC			55 000 LBS.
WT. OF STRING			130 000 LBS.

BIT RECORD

BIT NO.	21
SIZE	8¾
MFG.	SEC
TYPE	M44N
SERIAL NO.	374797
JETS 1/32"	18/18/18
DEPTH OUT	
DEPTH IN	6273
TOTAL FOOTAGE	128
TOTAL HRS. RUN	33
BIT CONDITION 1/8'S T/B | 1/8" GAGE	0 1/4 1

HOLE CONDITION

1	HOLE DRAG (1000 #)
2	TORQUE AT BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME	12 00	4 00	8 HRS
WEIGHT	15.5	15.5	15.5
FUNNEL VIS.-SEC	70	75	80
PV / YP	/	/	/
GELS	/	/	/
W.L.-C.C.			40
F.C. 1/32"			
PH			10.5
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Bente	6500		
Run Water	3 gal/min		
Fer	1 0/0		
Pelter	50#		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6370	6401	7¾	D		Shale	40	70	1800		6½		6	55	1 PUMP

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

MORNING TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	12 00	12 15	1/4	Rig Ser.
2	12 15	8 00	7¾	Drlg.

DRILLER: C. Sprague

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	EC	12¼ 6¾ x 6¾	5.40 FT.
1	DQ	12¼ x 6⅝	29.02 FT.
1	SQ	12¼ x 7	4.15 FT.
1	R3	12¼ x 7	5.86 FT.
1	QM	12¼ x 7	30.96 FT.
21	DC	12¼ x 6¾	631.62 FT.
1	XO	12¼ x 6¾	2.45 FT.
		I.D. x O.D.	FT.
		I.D. x O.D.	FT.
		I.D. x O.D.	FT.
60	D.P.	STANDS	FT.
1	D.P.	SINGLES	5685.86 FT.
	KELLY DOWN		39 FT.
	TOTAL		6436 FT.
WT. OF DC			55 LBS.
WT. OF STRING			130 LBS.

BIT RECORD

BIT NO.	21
SIZE	8¾
MFG.	SEC
TYPE	M44N
SERIAL NO.	374797
JETS 1/32"	18/18/18
DEPTH OUT	
DEPTH IN	6273
TOTAL FOOTAGE	153
TOTAL HRS. RUN	40¼
BIT CONDITION 1/8'S T/B | 1/8" GAGE	DRLG

HOLE CONDITION

1	HOLE DRAG (1000 #)
2	TORQUE AT BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME	10	12	2
WEIGHT	15.6	15.6	16.0
FUNNEL VIS.-SEC	78	75	70
PV / YP	/	/	/
GELS	/	/	/
W.L.-C.C.			44
F.C. 1/32"			9/32
PH			10.5
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
PELTEX			

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6401	6436	7¼	D		SHALE	40	70	1800		5¾	155	6"	55	COMP

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

DAY TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	8 00	8 15	1/4	SER RIG CHECK BOPS.
2	8 15	3 30	7¼	DRLG
8	3 30	4 00	½	WORK ON PUMPS

DRILLER: Paul Gray

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	EC	12¼ 6¾ x 6¾	5.40 FT.
1	DQ	12¼ x 6⅝	29.02 FT.
1	SQ	12¼ x 7	4.15 FT.
1	R3	12¼ x 7	5.86 FT.
1	QM	12¼ x 7	30.86 FT.
21	DC	12¼ x 6¾	631.62 FT.
1	XO	12¼ x 6¾	2.45 FT.
		I.D. x O.D.	FT.
		I.D. x O.D.	FT.
		I.D. x O.D.	FT.
60	D.P.	STANDS	FT.
2	D.P.	SINGLES	5715.49 FT.
	KELLY DOWN		23.15 FT.
	TOTAL		6449 FT.
WT. OF DC			55 000 LBS.
WT. OF STRING			130 000 LBS.

BIT RECORD

BIT NO.	21
SIZE	8¾
MFG.	SEC
TYPE	M44N
SERIAL NO.	374797
JETS 1/32"	18/18/18
DEPTH OUT	6449
DEPTH IN	6273
TOTAL FOOTAGE	176
TOTAL HRS. RUN	43¾
BIT CONDITION 1/8'S T/B | 1/8" GAGE	4 4 0

HOLE CONDITION

1	HOLE DRAG (1000 #)
2	TORQUE AT BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME	4 00	6 00	
WEIGHT	15.6	15.6	
FUNNEL VIS.-SEC	68	68	
PV / YP	/	/	
GELS	/	/	
W.L.-C.C.		48	
F.C. 1/32"		9	
PH		10.5	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6436	6449	3	D		Shale	40	70	1800				6	55	

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION
6395	4¼	N86W	6445	4¼				

EVENING TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	4 00	4 15	1/4	RIG SERVICE
2	4 15	7 15	3	Drlg.
10	7 15	8 15	1	Drop + Pump Totco + Air Surveys.
6	8 15	12 00	3 3/4	POH For Bit Chg.

DRILLER: C. Sprague

DAILY DRILLING REPORT

CP-38 (R170)

WELL NAME: SHELL STE FRANCOISE ROMAINS #1

LOCATION: 20 T 723.200 R 611 CONTE LOTANIERE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: A. Filipchuk

CONTRACTOR: REGENT DRILLING LTD

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Hudson

RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
6278	6370	92	747 (723 3/4)	53	12	31	71

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT. O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
4 1/2	16.6	E	3.871	6 1/2	XH	1	DILWELL	560P	9"
6 3/4	284		2 1/4	6 3/4	490	2	EMSCO	D700	16"

LAST CASING TUBING OR LINER: SIZE 9 5/8 | WT. AND GR. 36/40 | NO. OF JOINTS 49 | FEET 1929 | KB TO CSG. HEAD 1735 | SET AT 1926 | CEMENT USED (SACKS) 975 | REMARKS

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7 3/4	7 3/4	7 3/4	23 1/4
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS				
7	RIG SERVICE	1/4	1/4	1/4	3/4
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
40	PERFORATE				
41	TUBING TRIPS				
42	TREATING				
43	SWABBING				
44	TESTING				
45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	2042	2		
	BOILER	8	8	8	

Centrifuge Stddby 24hrs

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

Cont Shut down 24

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		I.D.	O.D.	FT.
		BIT			
1	EL		3 7/8	6 3/4	5.40
1	DQ		2 7/8	6 3/4	28.02
1	SO		2 7/8	7	6.15
1	R3		3 7/8	7	5.86
1	DM		2 7/8	7	30.86
21	DC		3 7/8	6 3/4	631.62
1	XO		2 7/8	6 3/4	2.45
59	D.P.	STANDS			5559.19
	D.P.	SINGLES			
	KELLY DOWN				34.00
	TOTAL				6304.55
	W.T. OF DC				55.000 LBS.
	W.T. OF STRING				130.000 LBS.

BIT RECORD

BIT NO.	21
SIZE	8 3/4
MFG.	SEC
TYPE	M44N
SERIAL NO.	374797
JETS 1/32"	18 18 18
DEPTH OUT	
DEPTH IN	6273
TOTAL FOOTAGE	31
TOTAL HRS. RUN	9 3/4
BIT CONDITION 1/8"S T/B | 1/8" GAGE	

HOLE CONDITION

1. HOLE DRAG (1000 #)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

	2 am	4 am	6 am
WEIGHT	15.3	15.4	15.5
FUNNEL VIS.-SEC	80	80	70
PV/YP	/	/	/
GELS.	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
25	000 #wt MA		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D BIT-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6278	6304	7 3/4			SHALE	40	60	1900		5 1/2	160			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

CODE	FROM	TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
2	12 00	1 30	1 1/2	DRILL 4 3/4" HOLE
7	1 30	1 45	1/4	RIG SER
2	1 45	4 00	6 1/4	DRILL 4 3/4" HOLE

DRILLER: Joe Kehoe

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		I.D.	O.D.	FT.
		BIT			
1	EL		3 7/8	6 3/4	5.40
1	DQ		2 7/8	6 3/4	28.02
1	SO		2 7/8	7	6.15
1	R3		3 7/8	7	5.86
1	DM		2 7/8	7	30.86
21	DC		3 7/8	6 3/4	631.62
1	XO		2 7/8	6 3/4	2.45
59	D.P.	STANDS			
1	D.P.	SINGLES			5590.84
	KELLY DOWN				32.80
	TOTAL				6334.00
	W.T. OF DC				55 000 LBS.
	W.T. OF STRING				130 000 LBS.

BIT RECORD

BIT NO.	21
SIZE	8 3/4
MFG.	Sec
TYPE	M44N
SERIAL NO.	374797
JETS 1/32"	18 18 18
DEPTH OUT	
DEPTH IN	6273
TOTAL FOOTAGE	61
TOTAL HRS. RUN	17 1/2
BIT CONDITION 1/8"S T/B | 1/8" GAGE	Dull g

HOLE CONDITION

1. HOLE DRAG (1000 #)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

	8 am	12 00	4 00
WEIGHT	15.5	15.5	15.5
FUNNEL VIS.-SEC	70	80	75
PV/YP	/	/	/
GELS.	/	/	/
W.L.-C.C.			39
F.C. 1/32"			9/32
PH			10.5
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
PELTEX	100 #		
CAUST.	100 #		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D BIT-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6304	6334	7 3/4	D		Shale	40	70	1800		5 1/2	150			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

CODE	FROM	TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	8 00	8 15	1/4	Rig Ser Check BOPs
2	8 15	4 00	7 3/4	Drlg.

DRILLER: C Sprague

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		I.D.	O.D.	FT.
		BIT			
1	EL		3 7/8	6 3/4	5.40
1	DQ		2 7/8	6 3/4	28.02
1	SO		2 7/8	7	6.15
1	R3		3 7/8	7	5.86
1	DM		2 7/8	7	30.86
21	DC		3 7/8	6 3/4	631.62
1	XO		2 7/8	6 3/4	2.45
59	D.P.	STANDS			
2	D.P.	SINGLES			5622.59
	KELLY DOWN				33
	TOTAL				6370
	W.T. OF DC				55 LBS.
	W.T. OF STRING				130 LBS.

BIT RECORD

BIT NO.	21
SIZE	8 3/4
MFG.	SEC
TYPE	M44N
SERIAL NO.	374797
JETS 1/32"	18 18 18
DEPTH OUT	
DEPTH IN	6273
TOTAL FOOTAGE	97
TOTAL HRS. RUN	25 3/4
BIT CONDITION 1/8"S T/B | 1/8" GAGE	Dull g

HOLE CONDITION

1. HOLE DRAG (1000 #) K
2. TORQUE AT BOTTOM (DP TURNS) 2
3. FILL ON BOTTOM (FEET)

MUD RECORD

	6 00	8	10
WEIGHT	15.6	15.5	15.5
FUNNEL VIS.-SEC	95	65	69
PV/YP	/	/	/
GELS.	/	/	41
W.L.-C.C.			9/32
F.C. 1/32"			
PH			10.5
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	650 #		
THINNER	3 GPHH	2 HRS	

FOOTAGE

FROM	TO	ROT. HOURS	DR-D BIT-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6334	6370	7 3/4	D		SHALE	40	70	1800		5 1/2	155	6"	60	Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

CODE	FROM	TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	4 00	4 15	1/4	RIG SER ✓ B.O.P.S
2	4 15	12 00	7 3/4	DRLG

DRILLER: Pat Grant

DAILY DRILLING REPORT

CP-38 (9/70)

WELL NAME: SHELL STE FRANCOIS-E ROMAINS #1

LOCATION: LOT 723-2 RANG 6 CANTE LOTBINIERE

PROVINCE: QUEBEC

709 1/4

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mayfield

CONTRACTOR: REGENT DRILLING LTD

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Hebbourn

RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
6237	6278	41	723 3/4	52	12	30	71

DP./DC. SIZE	WT./FT.	GRADE	MIN. I.D.	TOOL JT. O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
4 1/2	16.6	12		6 1/2	XH	1	OILWELL	5600	8"
6 1/4	48		2 3/4	6 3/4	H90	2	EMSCO	D700	16"

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	RB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	9 5/8	32.40	49	1929	1775	1926	975	

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7 3/4	4 1/2	2	14 1/4
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING			1/4	1/4
6	TRIPS		2 1/4	1/4	2 1/2
7	RIG SERVICE	1/4	1/4		1/2
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY		1		1
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	5	24
	HOURS FOR SHELL ACCOUNT	20	42		

BOILER: 8 8 5

Centrifuge Stelby

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG	OFF		
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG	OFF		
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	EL	12 1/4 x 6 3/4	5.40 FT
1	DD	12 1/4 x 6 3/4	28.02 FT
1	SR	12 1/4 x 7	6.15 FT
1	R3	12 1/4 x 7	5.86 FT
1	DM	12 1/4 x 7	30.86 FT
21	DC	12 1/4 x 6 3/4	631.62 FT
1	IO	12 1/4 x 6 3/4	2.45 FT
			FT
			FT
			FT
58	D.P.	STANDS	FT
2	D.P.	SINGLES	552.67 FT
		KELLY DOWN	26.00 FT
		TOTAL	6264.83 FT
		WT. OF DC	55 000 LBS.
		WT. OF STRING	130 000 LBS.

BIT RECORD

BIT NO.	20
SIZE	8 3/4
MFG.	SEC
TYPE	M44N
SERIAL NO.	374782
JETS 1/32"	15/15/15
DEPTH OUT	
DEPTH IN	6152
TOTAL FOOTAGE	112
TOTAL HRS. RUN	29 1/2
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1. HOLE DRAG (1000#)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME			
WEIGHT	15.5	15.5	15.5
FUNNEL VIS./SEC.	40	40	70
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
200 #	Poly mix		
100	caustic		
100	MET-E		
400 #	WILMAT		
1500 #	POTASH		

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6237					SHALE	40	70	1400		5 3/4	160			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

MORNING TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	12 00	12 1/4	1/4	RIG SER
	12 1/4			DRILL 8 3/4" HOLE

DRILLER: T. Robert

DAY TOUR

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6237	6273	4 1/2	D	1	Shale	45	70	1800		5 3/4				

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	8 00	8 15	1/4	Rig Ser.
2	8 00	12 45	4 1/2	Drlg.
10	12 45	1 45	1	Drop & Pump TOTCO + Dir. Surveys
6	1 45	4 00	2 1/4	Blow Kelly + P.O.H.

DRILLER: C. Lavoie

EVENING TOUR

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6273	6278	2	D		SHALE	15	40	1000				6"	25	

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	4 00	6 30	2 1/2	FINISH OUT CHANGE BIT
	6 30	9 00	2 1/2	RUN IN SLOW
	9 00	10 00	1	GAS CUT MUD MIX WT MAY CLEAN TO BOTTOM
	10 00	12 00	2	DRILL

DRILLER: Paul Sauvé

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	EL	12 1/4 x 6 3/4	5.40 FT
1	DD	12 1/4 x 6 3/4	28.02 FT
1	SR	12 1/4 x 7	6.15 FT
1	R3	12 1/4 x 7	5.86 FT
1	DM	12 1/4 x 7	30.86 FT
21	DC	12 1/4 x 6 3/4	631.62 FT
1	IO	12 1/4 x 6 3/4	2.45 FT
			FT
			FT
			FT
58	D.P.	STANDS	FT
2	D.P.	SINGLES	552.67 FT
		KELLY DOWN	34.92 FT
		TOTAL	6273 FT
		WT. OF DC	55 000 LBS.
		WT. OF STRING	130 000 LBS.

BIT RECORD

BIT NO.	20
SIZE	8 3/4
MFG.	SEC
TYPE	M44N
SERIAL NO.	374782
JETS 1/32"	15/15/15
DEPTH OUT	6273
DEPTH IN	6152
TOTAL FOOTAGE	121
TOTAL HRS. RUN	32 3/4
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1. HOLE DRAG (1000#)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME	8 00	12 00	
WEIGHT	15.5	15.5	
FUNNEL VIS./SEC.	80	75	
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	EL	12 1/4 x 6 3/4	5.40 FT
1	DD	12 1/4 x 6 3/4	28.02 FT
1	SR	12 1/4 x 7	6.15 FT
1	R3	12 1/4 x 7	5.86 FT
1	DM	12 1/4 x 7	30.86 FT
21	DC	12 1/4 x 6 3/4	631.62 FT
1	IO	12 1/4 x 6 3/4	2.45 FT
			FT
			FT
			FT
58	D.P.	STANDS	5527.67 FT
2	D.P.	SINGLES	56 FT
		KELLY DOWN	34.92 FT
		TOTAL	6278 FT
		WT. OF DC	55 LBS.
		WT. OF STRING	130 LBS.

BIT RECORD

BIT NO.	21
SIZE	8 3/4
MFG.	SEC
TYPE	M44N
SERIAL NO.	374777
JETS 1/32"	15/15/15
DEPTH OUT	
DEPTH IN	6273
TOTAL FOOTAGE	5
TOTAL HRS. RUN	2
BIT CONDITION 1/8'S T/B 1/8" GAGE	3 B G

HOLE CONDITION

1. HOLE DRAG (1000#)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME			
WEIGHT			14.9
FUNNEL VIS./SEC.			
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	670 #		

DAILY DRILLING REPORT

CP 38 (9/70)

WELL NAME: SHELL STE FRANCOISE ROMAINS #1

LOCATION: LOT 223-200 REG II CONTE LOTBINIERE

PROVINCE: QUEBEC

688½

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Allen Wright

CONTRACTOR: REGENT DRILLING LTD

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: [illegible]

RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
6152	6237	85	709¼	51	12	29	71

DP / DC SIZE	WEIGHT	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD
4½	16.6	E		6⅜	XH
6¾	88		2¾	6¾	NC90

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OILWELL	560P	8"
2	EMSCO	D700	16"

LAST CASING TUBING OR LINER

SIZE	WT. AND GR.	NO. OF JOINTS	FEET	RB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)
9⅝	36/40	49	1929	17.35	1926	975

REMARKS

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	5¾	7¼	7¼	20¾
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING	¼			¼
6	TRIPS	1¾			1¾
7	RIG SERVICE	¼	¼	¼	¾
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY		½		½
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
CONTRACTOR ACCOUNT	BOILER	8	8	8	1

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT

			FT.
1	EC	3⅞ x 6⅜	5.40
1	DD	3⅞ x 6¾	28.02
1	SA	3⅞ x 7	6.15
1	R3	3⅞ x 7	5.86
1	DM	3⅞ x 7	30.86
21	DC	3⅞ x 6¾	631.62
1	XO	3⅞ x 6½	2.45
		I.D. x O.D.	
		I.D. x O.D.	
		I.D. x O.D.	
57	D.P. STANDS		5444.46
2	D.P. SINGLES		
	KELLY DOWN		20.00
	TOTAL		
	WT. OF DC		55000 LBS.
	WT. OF STRING		130000 LBS.

BIT RECORD

BIT NO.	20
SIZE	8¾
MFG.	SEC
TYPE	M44N
SERIAL NO.	374782
JETS 1/32"	18 18 18
DEPTH OUT	
DEPTH IN	6152
TOTAL FOOTAGE	22
TOTAL HRS. RUN	5¾
BIT CONDITION 1/8'S T/B 1/16" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	8 AM		
WEIGHT	15.5		15.5
FUNNEL VIS.-SEC.	80		70
PV/YP	/	/	/
GELS			
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
70 #	wtr mat		

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6152	6174	5¾			SHALE	35	60	1900		5½	160			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	12 00	12 15	¼	RIG SER
6	12 15	2 00	1¾	RUN IN HOLE
5	2 00	2 15	¼	REAM TO BOTTOM 4'
2	2 15	6 00	5¾	DRILL 8¾" HOLE

DRILLER: Joe Kohut

DAY TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT

			FT.
1	EL	3⅞ x 6⅜	5.40
1	DD	3⅞ x 6¾	28.02
1	SA	3⅞ x 7	6.15
1	R3	3⅞ x 7	5.86
1	DM	3⅞ x 7	30.86
21	DC	3⅞ x 6¾	631.62
1	XO	3⅞ x 6½	2.45
		I.D. x O.D.	
		I.D. x O.D.	
		I.D. x O.D.	
58	D.P. STANDS		5476.08
	D.P. SINGLES		
	KELLY DOWN		35.00
	TOTAL		6200.00
	WT. OF DC		55000 LBS.
	WT. OF STRING		130000 LBS.

BIT RECORD

BIT NO.	20
SIZE	8¾
MFG.	SEC
TYPE	M44N
SERIAL NO.	374782
JETS 1/32"	18 18 18
DEPTH OUT	
DEPTH IN	6152
TOTAL FOOTAGE	48
TOTAL HRS. RUN	1.3
BIT CONDITION 1/8'S T/B 1/16" GAGE	0 1 I

HOLE CONDITION

1 HOLE DRAG (1000#)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	8 00	12 00	
WEIGHT	15.5	15.5	15.5
FUNNEL VIS.-SEC.	80	80	85
PV/YP	/	/	/
GELS			
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Gel	150 #		

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6174			0		Shale	40	70	1800		5¾				

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	8 00	8 15	¼	Rig Ser.
2	8 15	10 30	2¼	Drlg.
10	10 30	11 00	½	Try To Run Directional Survey on Wire. Line Dropped at 110 Ft/Min 32 Min Clock
2	11 00	4 00	5	Drlg.

DRILLER: C. Lavoie

EVENING TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT

			FT.
1	EC	3⅞ x 6⅜	5.40
1	DD	3⅞ x 6¾	28.02
1	SA	3⅞ x 7	6.15
1	R3	3⅞ x 7	5.86
1	DM	3⅞ x 7	30.86
21	DC	3⅞ x 6¾	631.62
1	XO	3⅞ x 6½	2.45
		I.D. x O.D.	
		I.D. x O.D.	
		I.D. x O.D.	
58	D.P. STANDS		5496.48
1	D.P. SINGLES		
	KELLY DOWN		30.00
	TOTAL		6237
	WT. OF DC		55000 LBS.
	WT. OF STRING		130000 LBS.

BIT RECORD

BIT NO.	20
SIZE	8¾
MFG.	SEC
TYPE	M44N
SERIAL NO.	374782
JETS 1/32"	18 18 18
DEPTH OUT	
DEPTH IN	6152
TOTAL FOOTAGE	1297
TOTAL HRS. RUN	23¼
BIT CONDITION 1/8'S T/B 1/16" GAGE	0 1 CT

HOLE CONDITION

1 HOLE DRAG (1000#)	15
2 TORQUE AT BOTTOM (DP TURNS)	2
3 FILL ON BOTTOM (FEET)	4'

MUD RECORD

TIME	6 PM	8	10
WEIGHT	15.5	15.5	15.5
FUNNEL VIS.-SEC.	64	74	76
PV/YP	35/90		
GELS	57/86		
W.L.-C.C.	4.6.0		
F.C. 1/32"	9/32		
PH	12.5		
% OIL			
% SAND	1/2		

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BAR 176	6500 #		

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6200	6237	7¾	0		SHALE	40	70	1800		5¾	60	6"	55	COMP

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	4 00	4 15	¼	RIG SER. ✓ BOPS.
2	4 15	8	7¾	DRLG

DRILLER: Paul Gray

DAILY DRILLING REPORT

CP-30 (9/72)

WELL NAME: SHELL STE. FRANCOISE ROMAINS #1

LOCATION: LOT 922-200 RANG II CANTE LOTBINIER

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R Maffish

CONTRACTOR: REGENT DRILLING LTD.

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE

RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DAY	YEAR
6085	6152	67	689½	50	12	28	71

DP / DC SIZE	WT / FT	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD
4½	16.6	E		6⅜	XH
6¼	88		2¾	6⅜	H90

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OILWELL	560P	8"
2	BASCO	D700	16"

LAST CASING TUBING OR LINER

SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
9⅝	36/40	49	1929	1735	1926	975	

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7¾	7¾	1	16½
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS			5½	5½
7	RIG SERVICE	¼	¼	½	¾
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE			¾	¾
10	DEVIATION SURVEY			½	½
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	4	8	8	24
	HOURS FOR SHELL ACCOUNT	2042			24
CONTRACTOR ACCOUNT	BOILER	8	8	8	24

Centrifuge on stand-by 24hr

DESILTER PERFORMANCE

	MORN	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

	BIT	FT.
1	6C 8¾ x 6¾	540 FT.
1	DQ 8¾ x 6¾	28.02 FT.
1	SB 8¾ x 7	6.15 FT.
1	R3 8¾ x 7	5.86 FT.
1	DM 8¾ x 7	30.86 FT.
21	DC 6¼ x 6¾	631.62 FT.
1	XO 6¼ x 6⅝	2.45 FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
	I.D. x O.D.	FT.
57	D.P. STANDS	5371.26 FT.
	D.P. SINGLES	FT.
	KELLY DOWN	41.00 FT.
	TOTAL	6122.64 FT.
	WT. OF DC	55 000 LBS.
	WT. OF STRING	130 000 LBS.

BIT RECORD

BIT NO.	19
SIZE	8¾
MFG.	SEC
TYPE	M44N
SERIAL NO.	297390
JETS 1/32"	20 20 16
DEPTH OUT	
DEPTH IN	6000
TOTAL FOOTAGE	122
TOTAL HRS. RUN	24¾
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000#)
2	TORQUE AT BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME			
WEIGHT			
FUNNEL VIS.-SEC.			
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

MORNING TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6000	6122	7¾			SHALE	40	60	1500		5¾	165			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	12⁰⁰	12¹⁵	¼	RIG SER + BOPS
	12¹⁵	8⁰⁰	7¾	DRILL 9 7/8" HOLE

DRILLER: Joe Kehat

DAY TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6122	6149	7¾	D		Shale	40	80	1800		5¾	160			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	8⁰⁰	8¹⁵	¼	Rig Ser.
2	8¹⁵	4⁰⁰	7¾	Drlg.

DRILLER: C Lavoie

EVENING TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6149	6152	1	D		SH26	40	80	1800		5¾	160			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
2	4⁰⁰	5⁰⁰	1	DRLG
7	5⁰⁰	5⁴⁵	¾	CIRC & SER. RIG
6	5⁴⁵	9⁴⁵	4	P.O.H
6	9⁴⁵	11¹⁵	1½	RUN IN W. BIT + 20 TO 1900
9	11¹⁵	12⁰⁰	¾	CUT & SLIP DRLG LINE

DRILLER: Paul Roy

HOLE CONDITION

1	HOLE DRAG (1000#)
2	TORQUE AT BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME	8⁰⁰	12⁰⁰	4⁰⁰
WEIGHT	15.4	16.5	15.5
FUNNEL VIS.-SEC.	75	75	70
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Bitex	150#		
Barite	3500#		
Caustic	30#		
Tetco	30#		

BIT RECORD

BIT NO.	19
SIZE	8¾
MFG.	SEC
TYPE	M44N
SERIAL NO.	297390
JETS 1/32"	20 20 16
DEPTH OUT	6152
DEPTH IN	6000
TOTAL FOOTAGE	152
TOTAL HRS. RUN	33½
BIT CONDITION 1/8'S T/B | 1/8" GAGE	1 6 0

HOLE CONDITION

1	HOLE DRAG (1000#)
2	TORQUE AT BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME	6.00		
WEIGHT	15.5		
FUNNEL VIS.-SEC.	71		
PV/YP			
GELS			
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

DAILY DRILLING REPORT

CP-38 (8/70)

WELL NAME: SHELL FRANCOISE ROMAINS #1

LOCATION: LOT 723 - 200 RIEL 11 CONTE LOTBINIERE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R Mayfield

CONTRACTOR: REGENT DRILLING LTD

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE

RIG NO: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
6000	6085	85	672	49	12	27	71

DP / DC. SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT. O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
4½	16.6	X E	3.971	6½	XH	1	OILWELL	560P	8"
6¾	49		2¾	3¾	4½	2	EMSCO	D700	16"

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	9⅝	36/40	49	1929	17.35	1926	995	

TIME DISTRIBUTION — HOURS

CODE No.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	1½	7¾	7¾	17
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING	½			¼
6	TRIPS	6			6
7	RIG SERVICE	¼	¼	¼	¾
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	2042			24
CODE NUMBERS FOR REMARKS	BOILER	8	8	8	

Centrifuge Stella 24 hrs.

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

K 1100 PSI

MORNING TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

NO.	CODE	BIT	FT.
1	FC	12¼ x 6¾	540 FT
1	QQ	8¾ x 6¾	2802 FT
1	SQ	8¾ x 7	615 FT
1	R3	8¾ x 7	586 FT
1	DM	8¾ x 7	3086 FT
21	DC	8¾ x 6¾	631.62 FT
1	XO	8¾ x 6¾	2.45 FT
		I.D. x O.D.	FT.
		I.D. x O.D.	FT.
		I.D. x O.D.	FT.
56	D.P.	STANDS	5276.84 FT
	D.P.	SINGLES	FT.
	KELLY DOWN		18.00 FT
	TOTAL		6005 FT
	WT. OF DC		55000 LBS.
	WT. OF STRING		130000 LBS.

BIT RECORD

BIT NO.	19
SIZE	8¾
MFG.	SEC
TYPE	M44N
SERIAL NO.	364822
JETS 1/32"	20 20 16
DEPTH OUT	
DEPTH IN	6000
TOTAL FOOTAGE	5
TOTAL HRS. RUN	1½
BIT CONDITION 1/8'S T/B 1/8" GAGE	OK 1 GO

HOLE CONDITION

1. HOLE DRAG (1000 #)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME	
WEIGHT	
FUNNEL VIS.-SEC.	
PV/YP	
GELS	
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
[illegible]		H.WT MAT	

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6000	6005	1½				30	60	1800		5¾	165			

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	12:00	3:00	3	PULL OUT
	3:00	3:15	¼	RIG SER & BOPS
	3:15	6:15	3	RUN IN HOLE
	6:15	6:30	¼	REAM TO BOTTOM 5 FT.
	6:30	8:00	1½	DRILL 8¾

DRILLER: Bob Robert

DAY TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

NO.	CODE	BIT	FT.
1	FC	12¼ x 6¾	540 FT
1	QQ	8¾ x 6¾	2802 FT
1	SQ	8¾ x 7	615 FT
1	R3	8¾ x 7	586 FT
1	DM	8¾ x 7	3086 FT
21	DC	8¾ x 6¾	631.62 FT
1	XO	8¾ x 6¾	2.45 FT
		I.D. x O.D.	FT.
		I.D. x O.D.	FT.
		I.D. x O.D.	FT.
56	D.P.	STANDS	FT.
1	D.P.	SINGLES	5308.28 FT
	KELLY DOWN		24.36 FT
	TOTAL		6043 FT
	WT. OF DC		55 LBS.
	WT. OF STRING		130000 LBS.

BIT RECORD

BIT NO.	19
SIZE	8¾
MFG.	SEC
TYPE	M44N
SERIAL NO.	364822
JETS 1/32"	20 20 16
DEPTH OUT	
DEPTH IN	6000
TOTAL FOOTAGE	43
TOTAL HRS. RUN	9¼
BIT CONDITION 1/8'S T/B 1/8" GAGE	DRLG

HOLE CONDITION

1. HOLE DRAG (1000 #)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME	8:00	12:00	4:00
WEIGHT	15.4	15.4	15.4
FUNNEL VIS.-SEC.	74	65	60
PV/YP			
GELS			
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Barite	350 SX		
Mud	90 BBLS		
Lime	5 C.I.L.	2 CMC	

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6005	6043	7¾	D		Shale	40	60	1800		5¾	165			

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	8:00	8:15	¼	Rig Ser. & BOP
2	8:15	4:00	7¾	Drlg.

DRILLER: C Sarazone

EVENING TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

NO.	CODE	BIT	FT.
1	FC	12¼ x 6¾	540 FT
1	QQ	8¾ x 6¾	2802 FT
1	SQ	8¾ x 7	615 FT
1	R3	8¾ x 7	586 FT
1	DM	8¾ x 7	3086 FT
21	DC	8¾ x 6¾	631.62 FT
1	XO	8¾ x 6¾	2.45 FT
		I.D. x O.D.	FT.
		I.D. x O.D.	FT.
		I.D. x O.D.	FT.
56	D.P.	STANDS	5308.28 FT
2	D.P.	SINGLES	53.39 FT
	KELLY DOWN		36 FT
	TOTAL		6085.32 FT
	WT. OF DC		55 LBS.
	WT. OF STRING		130 LBS.

BIT RECORD

BIT NO.	19
SIZE	8¾
MFG.	SEC
TYPE	M44N
SERIAL NO.	364822
JETS 1/32"	20 20 16
DEPTH OUT	
DEPTH IN	6000
TOTAL FOOTAGE	85
TOTAL HRS. RUN	17
BIT CONDITION 1/8'S T/B 1/8" GAGE	DRLG

HOLE CONDITION

1. HOLE DRAG (1000 #)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME	5	8	11
WEIGHT	15.5	15.5	15.5
FUNNEL VIS.-SEC.	80	65	67
PV/YP			
GELS			
W.L.-C.C.		[illegible]	4.6
F.C. 1/32"			6/36
PH			10.5
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
6043	6085	7¾	D		SHALE	40	60	1800		5¾	165			

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	4:00	4:15	¼	RIG SER & BOPS
2	4:15	12:00	7¾	DRLG.

DRILLER: Paul Gray

CP-38 (10/69)

DAILY DRILLING REPORT

612

WELL NAME: SHELL STE FRANCOISE ROMAINS #1

LOCATION: LOT 723-200 RIEGII CONTE LOTBINIERE | PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited | CONTRACTOR: REGENT DRILLING LTD | RIG NO. 6

SIGNATURE OF OPERATOR'S REPRESENTATIVE: C. MacPerk | SIGNATURE OF CONTRACTOR'S TOOL PUSHER

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DAY	YEAR
5923	6000	77	632 3/4	48	12	26	71

DP. / DC. SIZE	WT. (FT.)	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
4 1/2	16.6	E	3871	6 1/2	XH	1	OILWELL	560P	8
6 3/4	88		2 3/4	6 3/4	H90	2	EMSCO	D700	16

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	RB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	9 5/8	36 #40	49	1929	17.36	1926	975	

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7 1/2	7 3/4	5 3/4	20 3/4
3	REAMING				
4	CORING				
5	CLEAN TO BOTTOM AND CIRCULATING				
6	TRIPS			1 1/4	1 1/2
7	RIG SERVICE	1/4	1 1/4	1/4	3/4
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY			1/2	1/2
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
41	TUBING TRIPS				
42	TREATING				
43	SWABBING				
44	TESTING				
45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	20	4 2		24

ENGINE HOURS				
BOILER	8	8	8	24
Centrifuge, Stella 24 hr.				48

HOLE CONDITION

1	HOLE DRAG (1000#)	15
2	TORQUE ON BOTTOM (DP TURNS)	15
3	FILL ON BOTTOM (FEET)	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			FT.
		BIT		
1		F63	7 7/8	5.40 FT.
1		DA	7 7/8	28.02 FT.
1		SO	7 x 7	6.15 FT.
1		R3	7 3/4 x 7	5.86 FT.
1		DM	7 1/8 x 7	30.86 FT.
21		DC	6 3/4 x 6 3/4	631.62 FT.
1		XO	7 6 3/4	2.45 FT.
55	DP	STANDS		FT.
1	DP	SINGLES		5214.54 FT.
		KELLY DOWN		28.04 FT.
		TOTAL		5952.92
		WT. OF DC IN AIR		55 000 LBS.
		WT. OF STRING		127 000 LBS.

BIT RECORD

BIT NO.	18
SIZE	8 3/4
MFG.	SIEC
TYPE	M44N
JETS 1/32"	4-20/16
SERIAL NO.	360822
DEPTH OUT	
DEPTH IN	5866
TOTAL FTG.	86
TOTAL HRS. RUN	
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	12 noon	4 PM	6 PM
WEIGHT	15.2	15.5	15.6
VIS.-SEC.	63	60	60
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.	/	/	/
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
13 200 #	WT MAT		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
5923	5952	7 1/4			SHALE	60	35	1800		5 1/2	165			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

TIME LOG FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12 00	12 15	1/4	7	RIG SER + BOPS
12 15	8 00	7 3/4	2	DRILL 8 3/4" HOLE

DRILLER: Joe Robert

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			FT.
		BIT		
1		B62	7 7/8	5.40 FT.
1		DA	7 7/8	28.02 FT.
1		SO	7 x 7	6.15 FT.
1		R3	7 3/4 x 7	5.86 FT.
1		DM	7 1/8 x 7	30.86 FT.
21		DC	6 3/4 x 6 3/4	631.62 FT.
1		XO	7 6 3/4	2.45 FT.
55	DP	STANDS		FT.
2	DP	SINGLES		5445.23 FT.
		KELLY DOWN		22.41 FT.
		TOTAL		5978 FT.
		WT. OF DC IN AIR		55 000 LBS.
		WT. OF STRING		127 000 LBS.

BIT RECORD

BIT NO.	18
SIZE	8 3/4
MFG.	SEC
TYPE	M44N
JETS 1/32"	20/16
SERIAL NO.	360822
DEPTH OUT	
DEPTH IN	5866
TOTAL FTG.	112
TOTAL HRS. RUN	32 1/2
BIT CONDITION 1/8" T/B/GAGE	Drlg
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	8 00	12 00	4 00
WEIGHT	15.5	15.5	15.5
VIS.-SEC.	65	68	69
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.	/	/	/
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
5952	5978	7 3/4	D		Shale	60	40	1800		5 1/2	165			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

TIME LOG FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8 00	8 15	1/4	7	Rig Ser.
8 15	4 00	7 3/4	2	Drlg

DRILLER: C Sprague

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			FT.
		BIT		
1		E6	7 7/8	5.40 FT.
1		DA	7 7/8	28.02 FT.
1		SO	7 x 7	6.15 FT.
1		R3	7 3/4 x 7	5.86 FT.
1		DM	7 1/8 x 7	30.86 FT.
21		DC	6 3/4 x 6 3/4	631.62 FT.
1		XO	7 6 3/4	2.45 FT.
55	DP	STANDS		5276.54 FT.
	DP	SINGLES		FT.
		KELLY DOWN		13 FT.
		TOTAL		6000 FT.
		WT. OF DC IN AIR		55 LBS.
		WT. OF STRING		127 LBS.

BIT RECORD

BIT NO.	18
SIZE	8 3/4
MFG.	SEC
TYPE	M44N
JETS 1/32"	20/16
SERIAL NO.	360822
DEPTH OUT	6000
DEPTH IN	5866
TOTAL FTG.	134
TOTAL HRS. RUN	38 1/4
BIT CONDITION 1/8" T/B/GAGE	5 8 0
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	5	7	10
WEIGHT	15.6	15.5	15.5
VIS.-SEC.	70	70	66
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.	/	/	/
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
WT MAT	17000 #		
WATER SPM. 200			
26 00 # GEL			

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
5978	6000	5 3/4	D		SHALE	70	40	1800		5 1/2	165			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

TIME LOG FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4 00	6 15	2 1/4	2	DRLG
6 15	6 30	1/4	7	SER. RIG + BOPS
6 30	10 00	3 1/2	2	DRLG
10 00	10 30	1/2	10	EASTMAN SURVEY
10 30	12 00	1 1/2	6	P. OH

DRILLER: Bob Sharp

CP-38 (10/69)

DAILY DRILLING REPORT

595 17 612

WELL NAME: SHELL STE FRANCOISE ROMAINS #1

LOCATION: LOT 723 - ~~A 200~~ REC II CONTE LOT OMINIECA | PROVINCE: ONTARIO

OPERATOR: Shell Canada Limited | CONTRACTOR: BIGLIENT DRILLING LTD | RIG NO.: 6

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Maffick | SIGNATURE OF CONTRACTOR'S TOOL PUSHER: J. Hibbard

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DAY	YEAR
5866	5923	57	612	47	12	25	71

DP. / DC. SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD
4½	16.6	E	3.871	6½	XH
6¼	48		2¼	6¾	5" H90

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OILWELL	560P	8"
2	EMSCO	D700	16"

LAST CASING TUBING OR LINER: SIZE 9⅝ | WT. AND GR. 36/40 | NO. OF JOINTS 49 | FEET 1929 | KB. TO CSG. HEAD 17.35 | SET AT 1926 | CEMENT USED (SACKS) 975 | REMARKS

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	1½	7¾	7½	17
3	REAMING				
4	CORING				
5	CLEAN TO BOTTOM AND CIRCULATING	¼			¼
6	TRIPS	6			6
7	RIG SERVICE	¼	¼	¼	¾
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	2042			24
CONTRACTOR	BOILER	8	8	8	24

Centrifuge Shelby 24hrs

HOLE CONDITION

1	HOLE DRAG (1000#)	
2	TORQUE ON BOTTOM (DP TURNS)	
3	FILL ON BOTTOM (FEET)	

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	EC	2 8½ 6 9½	5.40
1	DA	7 8¾ x 6 9½	28.02
1	SQ	7 x 7	6.15
1	R3	7 8¾ x 7	5.46
1	DM	7 8¾ x 7	30.86
21	DC	7 8¾ x 6¾	631.62
1	XO	7 8¾ x 6¾	2.45
54	DP	STANDS	
1	DP	SINGLES	5120.48
	KELLY DOWN		39.15 FT.
	TOTAL		5870 FT.
	WT. OF DC IN AIR		55 000 LBS.
	WT. OF STRING		127 000 LBS.

BIT RECORD

BIT NO.	18
SIZE	8¾
MFG.	SEC
TYPE	M44N
JETS 1/32"	20 20 16
SERIAL NO.	360822
DEPTH OUT	
DEPTH IN	5866
TOTAL FTG.	4
TOTAL HRS. RUN	1½
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME			
WEIGHT			15.2
VIS.-SEC.			80
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

MORNING TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000 #)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
5866	5870	1½				60	30	1900		5½	165			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12 00	2 45	2¾	6	PULL OUT
2 45	3 00	¼	5	RIG SER + CHECK BOP'S
3 00	6 15	3¼	6	RUN IN HOLE
6 15	6 30	¼	5	REAM TO BOTTOM
6 30	8 00	1½	2	DRILL 8¾" HOLE
				GAS CUT MUD 1200 1½ HR.

DRILLER: Jack Hunt

DAY TOUR

BIT RECORD

BIT NO.	18
SIZE	8¾
MFG.	Sec.
TYPE	M44N
JETS 1/32"	20 20 16
SERIAL NO.	360822
DEPTH OUT	
DEPTH IN	5866
TOTAL FTG.	30
TOTAL HRS. RUN	9¼
BIT CONDITION 1/8" T/B/GAGE	Dull.
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	8 00	12 00	4 00
WEIGHT	15.1	15.2	15.2
VIS.-SEC.	90	80	50
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Barite	15000 #		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000 #)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
5870	5896	7¾	D		Shale	60	35	1800		5¾	165			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8 00	8 15	¼	7	Rig Ser.
8 15	4 00	7¾	2	Drlg.

DRILLER: C. Sprague

EVENING TOUR

BIT RECORD

BIT NO.	18
SIZE	8¾
MFG.	SEC
TYPE	M44N
JETS 1/32"	20 20 16
SERIAL NO.	360822
DEPTH OUT	
DEPTH IN	5866
TOTAL FTG.	57
TOTAL HRS. RUN	17
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME			
WEIGHT	15.2	15.3	15.9
VIS.-SEC.	60	68	63
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
18 gpm to	BARITE		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000 #)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO.		METHOD PUMPS RUN
5896	5923	7½			SHALE	60	35	1800		5¾	165			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4 00	4 15	¼	7	RIG SER
4 15	12 00	7¾	2	DRILL 8¾" HOLE

DRILLER: Jack Hunt

CP-38 (10/69)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE NO 1

LOCATION: LOT 723-200 - RGE II CANTON LOBTINIERE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

CONTRACTOR: REGENT DRILLING LTD

RIG NO.: 6

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Moffrink

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
5780	5866.	86.	61 3/4	46	12	24	71

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
4 1/2	16.6	E	3.871	6 1/2	X H	1	OILWELL	660P	6
6 3/4	96		2 3/4	6 3/4	5 1/2	2	EMSCO	700D	16

LAST CASING TUBING OR LINER: SIZE 9 5/8 — WT. AND GR. 36/40 — NO. OF JOINTS 49 — FEET 1929 — RE-TO CSG. HEAD 17.36 — SET AT 1926 — CEMENT USED (SACKS) 975

REMARKS:

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7 3/4	7 3/4	6 1/4	21 3/4
3	REAMING				
4	CORING				
5	CLEAN TO BOTTOM AND CIRCULATING				
6	TRIPS			1	1
7	RIG SERVICE	1/4	1/4	1/4	3/4
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY			1/2	1/2
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
	BOILER	8	8	8	24
	Centrifuge	Shale		24	

HOLE CONDITION

1	HOLE DRAG (1000#)	
2	TORQUE ON BOTTOM (DP TURNS)	
3	FILL ON BOTTOM (FEET)	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	E6	2 7/8 x 7/8	5.40 FT.
1	DD	I.D. 11 x O.D. 11	28.02 FT.
1	SD	I.D. 11 x O.D. 7	6.15 FT.
1	R3	I.D. 11 x O.D. 11	5.86 FT.
1	DM	I.D. 11 x O.D. 11	30.86 FT.
21	DC	I.D. 11 x O.D. 6 3/4	631.62 FT.
1	XO	I.D. 11 x O.D. 6 1/2	2.45 FT.
54	DP	STANDS	5059.11 FT.
	DP	SINGLES	FT.
	KELLY DOWN		16 FT.
	TOTAL		5818 FT.
	WT. OF DC IN AIR		55 LBS.
	WT. OF STRING		124 LBS.

BIT RECORD

BIT NO.	17
SIZE	6 3/4
MFG.	SEC
TYPE	M44N
JETS 1/32"	20 20 16
SERIAL NO.	360874
DEPTH OUT	
DEPTH IN	5760
TOTAL FTG.	56
TOTAL HRS. RUN	13 1/2
BIT CONDITION 1/8" T/B/GAGE	DRG
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	1	4 00	7
WEIGHT	15.3	15.1	14.8
VIS.-SEC.	73	71	50
PV / YP	/	/	/
GELS	/	/	/
W.L.-C.C.	/	/	/
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	32500 #	KOTEX	200 #
MYKER	250 #	WATER	70 BBLS
CAUSTIC	100 #	4HG	
LIGNOSULF	100 #	PREMIX	20 BBLS

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
5780	5818	7 3/4	D		SHALE	60	30	1800				6		Comp

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12 00	12 15	1/4	7	RIG SER W BOPS
12 15	8 00	7 3/4		DRLG

DRILLER: Paul Gray

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	E6	2 7/8 x 6 5/8	5.40
1	DD	2 7/8 x 6 5/8	28.02
1	SD	2 7/8 x 7	6.15
1	R3	2 7/8 x 9	5.86
1	DM	2 7/8 x 7	30.86
21	DC	2 7/8 x 6 3/4	631.62
1	XO	2 7/8 x 6 5/8	2.45
54	DP	STANDS	5085 FT
1	DP	SINGLES	5120.49
	KELLY DOWN		19.00
	TOTAL		5845.76
	WT. OF DC IN AIR		55 000 LBS.
	WT. OF STRING		126 000 LBS.

BIT RECORD

BIT NO.	17
SIZE	9 3/4
MFG.	SEC
TYPE	M44N
JETS 1/32"	20 20 16
SERIAL NO.	360874
DEPTH OUT	DRLG
DEPTH IN	5760
TOTAL FTG.	585 FT
TOTAL HRS. RUN	21 1/4
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	8 00	10	2 00
WEIGHT	15.2	15.4	15.4
VIS.-SEC.	90	80	88
PV / YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
100 # CAUSTIC POTASH			
100 # METSO			
2 sx # CMC			
150 # POLYPAC			
BARITE	2,400 #		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
5818		7 3/4			SHALE	60	40	1800		5 3/4	165			

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8 00	9 00	1		DRILL 8 3/4" HOLE
9 00	9 15	1/4		RIG SER
9 15	4 00	6 3/4		DRILL 8 3/4" HOLE

DRILLER: Joe Robert

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	E6	2 7/8 x 6 5/8	5.40
1	DD	2 7/8 x 6 5/8	28.02
1	SD	2 7/8 x 7	6.15
1	R3	2 7/8 x 9	5.86
1	DM	2 7/8 x 7	30.86
21	DC	2 7/8 x 6 3/4	631.62
1	XO	2 7/8 x 6 5/8	2.45
54	DP	STANDS	5085 FT
1	DP	SINGLES	5120.49
	KELLY DOWN		35.15
	TOTAL		5866
	WT. OF DC IN AIR		55 000 LBS.
	WT. OF STRING		121 000 LBS.

BIT RECORD

BIT NO.	17
SIZE	8 3/4
MFG.	Sec.
TYPE	M44N
JETS 1/32"	20 20 16
SERIAL NO.	360874
DEPTH OUT	5866
DEPTH IN	5760
TOTAL FTG.	106.
TOTAL HRS. RUN	5 1/2
BIT CONDITION 1/8" T/B/GAGE	Drlg.
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	4 00	8 00	10 00
WEIGHT	15.2	15.4	15.4
VIS.-SEC.	90	85	70
PV / YP	/	/	/
GELS	/	/	/
W.L.-C.C.			5.1
PH			11.0
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Barite	1500 #		
Pelter	50 #		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
5845	5866.	5 1/4	D		Shale	60	40	1800		5 3/4	165			

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4 00	4 15	1/4	7	Rig Ser
4 15	10 30	6 1/4	2	Drlg.
10 30	11 00	1/2	10	Pump Survey.
11 00	12 00	1	6	P.O.H.

DRILLER: C Sprague

CP-38 (10/69)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE NO. 1

LOCATION: LOT 723-200 RGE II CONTÉ FORT INTERIEUR

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mayfield

CONTRACTOR: REGENT DRILLING LTD

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: J. Gilbert

RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
5760	5780	20	595	45	12	23	71

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
4½	16.6	E	3.989	6¼	XH	1	OILWELL	5600	8
2¾	9.9		2¾	6¾	5½90	2	EMSCO	7000	16

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	9⅝	36/40	40	1929	17.35	1926	975	

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL			5¾	5¾
3	REAMING				
4	CORING				
5	CLEAN TO BOTTOM AND CIRCULATING	8		¼	8¼
6	TRIPS		7½	1¾	9¼
7	RIG SERVICE		¼	1¼	1½
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE		1/4		1/4
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
41	TUBING TRIPS				
42	TREATING				
43	SWABBING				
44	TESTING				
45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	9	8	24
	HOURS FOR SHELL ACCOUNT				
CONTRACTOR'S EQUIPMENT HOURS	BOILER	8	8	8	24

HOLE CONDITION

1	HOLE DRAG (1000#)
2	TORQUE ON BOTTOM (OP TURNS)
3	FILL ON BOTTOM (FEET)

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

	BIT		FT.	5.40
1	EC	2¼ 6⅜ x 6⅜		
1	09	I.D. O.D. 2¼ x 6⅜		28.02
1	SG	I.D. O.D. 2¼ x 7		6.15
1	R3	I.D. O.D. 2¼ x 7		5.86
1	DM	I.D. O.D. 2¼ x 7		30.86
21	DC	2¼ 6⅜		631.62
1	XO	2¼ 6⅜		2.45
53	DP	STANDS	FT.	
1	DP	SINGLES		5026.68
	KELLY DOWN			24
	TOTAL			5760.36
	WT. OF DC IN AIR		LBS.	55 000
	WT. OF STRING		LBS.	124 000

BIT RECORD

BIT NO.	16
SIZE	8¾
MFG.	SEC
TYPE	MVNGS
JETS 1/32"	20 20 20
SERIAL NO.	911957
DEPTH OUT	
DEPTH IN	5693
TOTAL FTG.	67
TOTAL HRS. RUN	15
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	12	4	7
WEIGHT	14	14.6	15
VIS.-SEC.			60
PV/YP	/	/	/
GELS.	/	/	/
W.L.-C.C.	THIS IS AT THE SHAKER		
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	20500 #		

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

	BIT		FT.	5.40
1	EC	2¼ 6⅜ x 6⅜		
1	09	I.D. O.D. 2¼ x 6⅜		28.02
1	SG	I.D. O.D. 2¼ x 7		6.15
1	R3	I.D. O.D. 2¼ x 7		5.86
1	DM	I.D. O.D. 2¼ x 7		30.86
21	DC	2¼ 6⅜		631.62
1	XO	2¼ 6⅜		2.45
53	DP	STANDS	FT.	
1	DP	SINGLES		5026.68
	KELLY DOWN			24
	TOTAL			5760.36
	WT. OF DC IN AIR		LBS.	55 000
	WT. OF STRING		LBS.	124 000

BIT RECORD

BIT NO.	16	17
SIZE	8¾	8¾
MFG.	SEC	SEC
TYPE	MVNGS	MVNGS
JETS 1/32"	20 20 20	20 20 20
SERIAL NO.	911957	360874
DEPTH OUT	5760	
DEPTH IN	5693	5760
TOTAL FTG.	67	
TOTAL HRS. RUN	15	
BIT CONDITION 1/8" T/B/GAGE		
REAMER CUTTER NO.		
REAMER TYPE		

MUD RECORD

TIME		
WEIGHT		
VIS.-SEC.		
PV/YP	/	/
GELS.	/	/
W.L.-C.C.		
PH		
% SOLIDS		
% SAND		

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

	BIT		FT.	5.40
1	EC	2¼ 6⅜ x 6⅜		
1	09	I.D. O.D. 2¼ x 6⅜		28.02
1	SG	I.D. O.D. 2¼ x 7		6.15
1	R3	I.D. O.D. 2¼ x 7		5.86
1	DM	I.D. O.D. 2¼ x 7		30.86
21	DC	2¼ 6⅜		631.62
1	XO	2¼ 6⅜		2.45
53	DP	STANDS	FT.	
2	DP	SINGLES		5057.60
	KELLY DOWN			12.04
	TOTAL			5780
	WT. OF DC IN AIR		LBS.	55 000
	WT. OF STRING		LBS.	124 000

BIT RECORD

BIT NO.	17	
SIZE	8¾	
MFG.	Sec	
TYPE	FMHN	
JETS 1/32"	20 20 16	
SERIAL NO.	360874	
DEPTH OUT		
DEPTH IN	5760	
TOTAL FTG.	20	
TOTAL HRS. RUN	5¾	
BIT CONDITION 1/8" T/B/GAGE	Drlg.	
REAMER CUTTER NO.		
REAMER TYPE		

MUD RECORD

TIME	8 00	12 00
WEIGHT	15.2	15
VIS.-SEC.	95	66
PV/YP	/	/
GELS.	/	/
W.L.-C.C.	4.7	
PH	10.5	
% SOLIDS		
% SAND		

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Barite	4100#		

MORNING TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
	5760					50	40	150		6¼	160			

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

TIME LOG FROM	TIME LOG TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12 00	5 00	5	5	MIX WT MAT. + CIRC THRU CHOKE
5 00	5 30	½	5	MIX WT MAT + CIRC OVER SHAKER MOUD PIT
5 30	6 00	½	5	BLOW BOP MANIFOLD JET CELLER
6 00			5	CIRC OVER SHAKER

DRILLER: Paul Day

DAY TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION
5760	5 00							

TIME LOG FROM	TIME LOG TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8 00	8 15	¼	7	RIG SER + BOPS
8 15	2 15	6	6	PULL OUT
2 15	3 45	1½	6	C/BITS + RUN IN HOLE
3 45	4 00	¼	9	SLIP DRILL LINE.

DRILLER: Joe Short

EVENING TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
5760	5780	5¾	D		Shale	50	15/20	1400				6	55	

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

TIME LOG FROM	TIME LOG TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4 00	4 15	¼	7	Rig Ser.
4 15	6 00	1 3/4	6	R.I.H.
6 00	6 15	¼	5	Wash. 30' To Bottom.
6 15	12 00	5¾	2	Drlg

DRILLER: C Sprague

CP-38 (10/69)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCUISE ROMAINE NO. 1

LOCATION: LOT 723-200 RGE II CONTE LOBTINEIRE

PROVINCE: QUÉBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Shuffick

CONTRACTOR: REGENT DRILLING LTD

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: J. Wilson

RIG NO: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
5701	5760	59	289¼	44	12	22	71

DP./DC. SIZE	WT./FT.	GRADE	MIN. I.D.	TOOL JT. O.D.	TOOL JT. TYPE	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
4½	16.6	E	3.89	6½	XH	1	OIL WELL	660P	8
6¾	88		2¼	6¾	5½	2	EMSCO	7000	16

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT SACKS / SACKS	REMARKS
	9⅝	36/40	49	1929	12.35	1926	975	

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7¾	5		12¾
3	REAMING				
4	CORING				
5	CLEAN TO BOTTOM AND CIRCULATING			3½	3½
6	TRIPS	2½	4¼	4½	6½
7	RIG SERVICE	¼	¼	1¼	3¼
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY		½		½
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	2042			24

COMMENTS: BOILER 8 8 8 24

NO. 1 Amp 75 SERIES 800 PSI

Centrifuge Shaly 24hr

HOLE CONDITION

1	HOLE DRAG (1000#)	15M
2	TORQUE ON BOTTOM (DP TURNS)	
3	FILL ON BOTTOM (FEET)	

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE				
		BIT			FT.
1	EG	12¼	7	5.40	FT.
1	DQ	8¾	X6K	28.02	FT.
1	SQ	8¾	7	6.15	FT.
1	R3	8¾	7	5.86	FT.
1	DM	8¾	7	30.86	FT.
21	DC	8¾	6¾	631.62	FT.
1	XO	8¾	6⅝	2.45	FT.
53	DP	STANDS		499497	FT.
	DP	SINGLES			FT.
	KELLY DOWN			35	FT.
	TOTAL			5740	FT.
	WT. OF DC IN AIR			55	LBS.
	WT. OF STRING			124	LBS.

BIT RECORD

BIT NO.	16
SIZE	8¾
MFG.	SEC
TYPE	M4NGJ
JETS 1/32"	20 20 16
SERIAL NO.	911859
DEPTH OUT	
DEPTH IN	5693
TOTAL FTG.	47
TOTAL HRS. RUN	10
BIT CONDITION I/8" T/B/GAGE	0 1 1/16
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	12	3	6
WEIGHT	15.2	15.1+	15.1
VIS.-SEC	95	86	62
PV/YP			
GELS.			
W.L.-C.C.		5¼	
PH		10.5	
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
PELTEX	100#		
BARITE	6500#		

MORNING TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (ARR) PRESS	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
5701	5740	7¼			SHALE	60	40	1800			53¼			COMP

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12⁰⁰	12¹⁵	¼	7	RIG SER. ✓ B.O.P.S
12¹⁵	8⁰⁰	7¾	2	

DRILLER: Paul Gray

DAY TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (ARR) PRESS	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
5740	5760	5			SHALE	60	40	1700		5¾	165			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8⁰⁰	8⁴⁵	¾	2	DRILL 8¾" HOLE
8⁴⁵	9⁰⁰	¼	7	~~PUMP BOWL SURVEY~~ RIG SER
9⁰⁰	1¹⁵	4¼	2	DRILL 8¾" HOLE
1¹⁵	1⁴⁵	½	10	PUMP DOWN SURVEY
1⁴⁵	4⁰⁰	2¼	6	

DRILLER: Joe Robert

EVENING TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (ARR) PRESS	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
	5760													

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4⁰⁰	4¹⁵	¼	7	Rig Ser.
4¹⁵	4⁴⁵	½	6	POH
4⁴⁵	5³⁰	¾	6	Gas kick RIH 5 Stds Cir + Observe Well
5³⁰	8³⁰	3	6	R.I.H.
8³⁰	12⁰⁰	3½	6	Cir + Mix Wt Mat.
				Hole Not Taking Proper amount of Mud at 3000'

DRILLER: Sprague

CP-30 (10/69)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE NO1
LOCATION: LOT 723-200 RGE II CONTÉ LOTBINIÈRE
PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited
SIGNATURE OF OPERATOR'S REPRESENTATIVE: A. Murphy

CONTRACTOR: REGENT DRILLING LTD
SIGNATURE OF CONTRACTOR'S TOOL PUSHER: R. Hubbard
RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DAY	YEAR
5632	5701	69	576 1/2	43	12	21	71

DP / DC. SIZE	WT./FT	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
4 1/2	16.6	E	3 8/9	6 1/2	XH	1	OILWELL	500P	8
6 3/4	88		2 3/4	6 1/4	6 5/8 REG	2	EMSCO	700D	16

LAST CASING TUBING OR LINER: SIZE 9 5/8 | WT. AND GR. 36/40 | NO. OF JOINTS 49 | FEET 1929 | KB. TO CSG. HEAD 17.35 | SET AT 1926 | CEMENT USED (SACKS) 975 | REMARKS

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN	3/4	7 1/4	2 1/4	17 1/4
2	DRILLING ACTUAL				
3	REAMING				
4	CORING				
5	CLEAN TO BOTTOM AND CIRCULATING				
6	TRIPS			5 1/4	5 1/4
7	RIG SERVICE	1/4	1/4	1/4	3/4
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY		1/2	1/4	3/4
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	2 0 2 1/2			24
CLOCK HOURS RECORD	BOILER	8	8	8	24
	PB SIROIS & D PP Stdby Centrifuge down				24

HOLE CONDITION

1	HOLE DRAG (1000#)	15M
2	TORQUE ON BOTTOM (DP TURNS)	
3	FILL ON BOTTOM (FEET)	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	E6	2 7/8 x 6 3/4	5.40
1	DQ	2 7/8 x 6 3/4	28.02
1	BO	2 7/8 x 7	6.15
1	R3	2 7/8 x 7	5.86
1	SS	2 x 6 3/4	10.58
1	DM	2 7/8 x 7	30.86
21	DC	2 7/8 x 6 3/4	631.62
1	XO SUB	DP STANDS 2	2.45
52	DP	SINGLES	4932.11
	KELLY DOWN		12
	TOTAL		6665
	WT. OF DC IN AIR		65 LBS.
	WT. OF STRING		123 LBS.

BIT RECORD: BIT NO. 15 | SIZE 8 3/4 | MFG. SEC | TYPE M4WN | JETS 1/32" 20 20 16 | SERIAL NO. 248942 | DEPTH OUT | DEPTH IN 5618 | TOTAL FTG. 47 | TOTAL HRS. RUN 11 1/2 | BIT CONDITION 1/8" T/B/GAGE DRLG | REAMER CUTTER NO. | REAMER TYPE

MUD RECORD

	12	3	6
WEIGHT	13.1	16.2	15.2
VIS.-SEC.	60	62	66
PV/YP	/	/	/
GELS.	/	/	/
W.L.-C.C.		5 4	
PH		10.5	
% SOLIDS			
% SAND			

MUD MATERIALS ADDED: BARITE 7000#

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
5632	5665	7 1/4	D		SHALE	60	40	1800		5 3/4	158			

DEVIATION RECORD: DEPTH | DEVIATION° | DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12 00	12 15	1/4	7	SERVICE RIG + B.O.P.S.
12 15			2	DRLG

DRILLER: Paul Sp

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	E6	2 7/8 x 6 3/4	5.40
1	DQ	2 7/8 x 6 3/4	28.02
1	SQ	2 7/8 x 7	6.15
1	R3	2 7/8 x 7	5.86
1	SS	2 x 6 3/4	10.58
1	DM	2 7/8 x 7	30.86
21	DC	2 7/8 x 6 3/4	631.62
1	XO SUB	DP STANDS 2	2.45
57	DP	SINGLES	4932.11
	KELLY DOWN		40.06
	TOTAL		5693.09
	WT. OF DC IN AIR		55 000 LBS.
	WT. OF STRING		123 000 LBS.

BIT RECORD: BIT NO. 15 | SIZE 8 3/4 | MFG. SEC | TYPE M4WN1 | JETS 1/32" 20 20 16 | SERIAL NO. 248942 | DEPTH OUT 5693 | DEPTH IN 5618 | TOTAL FTG. 75 | TOTAL HRS. RUN 18 3/4 | BIT CONDITION 1/8" T/B/GAGE 4 8 0 | REAMER CUTTER NO. | REAMER TYPE

MUD RECORD

	8 AM	10 AM	2 PM
WEIGHT	15.2	15.2	15.2
VIS.-SEC.	73	83	
PV/YP	/	/	/
GELS.	/	/	/
W.L.-C.C.	58		
PH	11.5		
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
5665	5693	7 1/4			SHALE	70	40	1800						

DEVIATION RECORD: DEPTH | DEVIATION° | DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4 00	8 15	1/4	7	RIG SER
8 15	3 30	7 1/4	2	DRILL 8 3/4" HOLE
3 30	4 00	1/2	10	PUMP DOWN D. SURVEY

DRILLER: Joe Robert

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	E6	2 7/8 x 6 3/4	5.40
1	DQ	2 7/8 x 6 3/4	28.02
1	SQ	2 7/8 x 7	6.15
1	R3	2 7/8 x 7	5.86
1	DM	2 7/8 x 7	30.86
21	DC	2 7/8 x 6 3/4	631.62
1	XO SUB	DP STANDS	2.45
52	DP	STANDS	
2	DP	SINGLES	4963.24
	KELLY DOWN		27.40
	TOTAL		5701
	WT. OF DC IN AIR		55 000 LBS.
	WT. OF STRING		124 000 LBS.

BIT RECORD: BIT NO. 16 | SIZE 8 3/4 | MFG. Sec | TYPE M4NBJ | JETS 1/32" 20 20 16 | SERIAL NO. 911859 | DEPTH OUT | DEPTH IN 5693 | TOTAL FTG. 8 | TOTAL HRS. RUN 2 1/4 | BIT CONDITION 1/8" T/B/GAGE Drlg | REAMER CUTTER NO. | REAMER TYPE

MUD RECORD

	12 00
WEIGHT	15.2
VIS.-SEC.	90
PV/YP	/
GELS.	/
W.L.-C.C.	
PH	
% SOLIDS	
% SAND	

MUD MATERIALS ADDED

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
5693	5701	2 1/4	D		Shale	60	35/45	1800		5 3/4				

DEVIATION RECORD: 5645 | 5° | N 71 W | DEPTH | DEVIATION° | DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4 00	4 15	1/4	10	Survey.
4 15	4 30	1/4	7	Rig Ser.
4 30	7 00	2 1/2	6	P.O.H. For Bit Chg.
7 00	9 45	2 3/4	6	Check. BOPs. Lay Down Shock Sub + R.I.H.
9 45	12 00	2 1/4	2	Drlg.

DRILLER: C. Sprague

CP-38 (10/69)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE # 1

LOCATION: LOT 723 - 200 RGE II COUNTE LOBTINIERE | PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited | SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mlynarik

CONTRACTOR: REGENT DRILLING LTD | SIGNATURE OF CONTRACTOR'S TOOL PUSHER: G. Lalonde | RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DAY	YEAR
5577	5632	55	555 1/2	42	12	20	71

DP./DC. SIZE	WT./FT.	GRADE	MIN. I.D.	TOOL JT. O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
4 1/2	16-6	E	3.949	6 1/4	XH	1	OILWELL	560P	8
6 1/4	98		2 3/4	6 3/4	6" H90	2	EMSCO	700D	16

LAST CASING TUBING OR LINER: SIZE 9 5/8 | WT. AND GR 36/40 | NO. OF JOINTS 49 | FEET 1429 | KB. TO CSG. HEAD 17.35 | SET AT 1926 | CEMENT USED (SACKS) 775 | REMARKS

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7 1/2	4	3 3/4	15 1/4
3	REAMING				
4	CORING				
5	CLEAN TO BOTTOM AND CIRCULATING				
6	TRIPS		3	4	7
7	RIG SERVICE	1/4		1/4	1/2
8	RIG REPAIR	1/4			1/4
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY		1		1
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	2042			
	BOILER	8	8	8	24

CENTRIFUGE DOWN 24 hrs.

NO PUMP TRUCKS MOVED

HOLE CONDITION

1	HOLE DRAG (1000#)	
2	TORQUE ON BOTTOM (DP TURNS)	
3	FILL ON BOTTOM (FEET)	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	E	7 7/8 x 6 3/4	5.40 FT.
1	DQ	2 7/8 x 6 1/4	28.02 FT.
1	SQ	2 7/8 x 7 O.D.	6.15 FT.
1	R3	2 7/8 x 7 O.D.	5.86 FT.
1	SS	2 I.D. 6 1/2 O.D.	10.58 FT.
1	DM	2 7/8 x 7 O.D.	30.86 FT.
21	DC	2 7/16 x 6 3/4	631.62 FT.
1	XO DP SINGLES	2 7/16 x 6 3/4	2.45 FT.
54	DP SINGLES		4968.03 FT.
	KELLY DOWN		20 FT.
	TOTAL		5607 FT.
	WT. OF DC IN AIR		55M LBS.
	WT. OF STRING		124M LBS.

BIT RECORD

BIT NO.	14
SIZE	8 3/4
MFG.	SEC
TYPE	M44N
JETS 1/32"	20 20 16
SERIAL NO.	299473
DEPTH OUT	
DEPTH IN	5463
TOTAL FTG.	144
TOTAL HRS. RUN	30 1/4
BIT CONDITION 1/8" T/B/GAGE	ORLG
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	12	3	6
WEIGHT	15.3	15.3	15.3
VIS.-SEC.	60	69	70
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
WATER	3GPM	1 1/2 HRS	

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
5577	5607	7 1/2	D		SHALE	60	40	1800		5 3/4	162	6	60	

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12 00	1 45	1 3/4	2	DRLG
1 45	2 00	1/4	7	SER RIG + B.O.P.S. SWITCH PUMPS
2 00	7 00	5	2	DRLG
7 00	7 15	1/4	8	WORK ON MUD VALVE
7 15	8 00	3/4	2	DRLG.

DRILLER: Paul Roy

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	E	7 7/8 x 6 3/4	5.40
1	DQ	2 7/8 x 6 1/4	28.02
1	SQ	2 7/8 x 7 O.D.	6.15 FT.
1	R3	2 7/8 x 7 O.D.	5.86 FT.
1	SS	2 I.D. 6 1/2 O.D.	10.58
1	DM	2 7/8 x 7 O.D.	30.86
21	DC	2 7/16 x 6 3/4	631.62
1	XO DP SINGLES	2 7/16 x 6 3/4	2.45 FT.
54	DP SINGLES		4869.03 FT.
	KELLY DOWN		29.00 FT.
	TOTAL		5618 FT.
	WT. OF DC IN AIR		55 000 LBS.
	WT. OF STRING		123 000 LBS.

BIT RECORD

BIT NO.	14
SIZE	8 3/4
MFG.	SEC
TYPE	M44N
JETS 1/32"	20 20 16
SERIAL NO.	299473
DEPTH OUT	5618
DEPTH IN	5463
TOTAL FTG.	155
TOTAL HRS. RUN	34 1/4
BIT CONDITION 1/8" T/B/GAGE	4 4 0
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME			
WEIGHT			
VIS.-SEC.			
PV/YP			
GELS			
W.L.-C.C.			
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
CAUSTIC	100#		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
5607	5618	4				70	40	1750		5 1/2	165			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8 00	8 30	1/2	2	DRILL 8 3/4" HOLE
8 30	8 45	1/4	7	RIG SER + BOP'S
8 45	12 15	3 1/2	2	DRILL 8 3/4" HOLE
12 15	1 15	1	10	PUMP DOWN SURVEY'S
1 15	1	2 3/4	6	PULL OUT

DRILLER: J. Hebert

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	EL	7 7/8 x 6 3/4	5.40 FT.
1	DQ	2 7/8 x 6 1/4	28.02 FT.
1	SQ	2 7/8 x 7	6.15 FT.
1	R3	2 7/8 x 7	5.86 FT.
1	SS	2 I.D. 6 1/2 O.D.	10.58 FT.
1	DM	2 7/8 x 7	30.86 FT.
21	DC	2 7/16 x 6 3/4	631.62 FT.
1	XO	2 7/16 x 6 3/4	2.45 FT.
52	DP SINGLES STDS		4900.60 FT.
	KELLY DOWN		10.46 FT.
	TOTAL		5632 FT.
	WT. OF DC IN AIR		55 000 LBS.
	WT. OF STRING		123 000 LBS.

BIT RECORD

BIT NO.	15
SIZE	8 3/4
MFG.	Sec
TYPE	M44N
JETS 1/32"	20 20 16
SERIAL NO.	248942
DEPTH OUT	
DEPTH IN	5618
TOTAL FTG.	14
TOTAL HRS. RUN	3 3/4
BIT CONDITION 1/8" T/B/GAGE	Drlg
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME		10 00	12 00
WEIGHT		15.1	15.1
VIS.-SEC.		72	72
PV/YP			
GELS			
W.L.-C.C.			5.5
PH			11.0
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
5618	5632	3 3/4	D		Shale	60	30/45	1800		5 3/4	145			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
5618	4 3/4		5565	5°	N76W			

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4 00	5 30	1 1/2	6	Finish Out.
5 30	5 45	1/4	7	Rig Ser.
5 45	8 15	2 1/2	6	R.I.H.
8 15	12 00	3 3/4	2	Drlg

DRILLER: C. Sprague

CP-38 (10/69)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE NO.1

LOCATION: LOT 723-200 RGE II COMTÉ LOTBINIÈRE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Murphy

CONTRACTOR: REGENT DRILLING LTD

SIGNATURE OF CONTRACTOR'S TOOL PUSHER

RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DAY	YEAR
5463	5577	114	540'14	41	12	19	71

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
4½	16.6	E	3.89	6¼	XH	1	OILWELL	360P	8
6¾	84		2¾	6¾	S-135	2	EMSCO	700D	16

LAST CASING TUBING OR LINER: SIZE 9⅝ | WT. AND GR. 36/40 | NO. OF JOINTS 44 | FEET 1729 | KB TO CSG. HEAD 17.35 | SET AT 1729 | CEMENT USED (SACKS) 975

REMARKS:

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7½	7¾	9¾	22¾
3	REAMING				
4	CORING				
5	CLEAN TO BOTTOM AND CIRCULATING	½			½
6	TRIPS				
7	RIG SERVICE		¼	¼	½
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY		¼		¼
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	2042	24		

BOILER: 8 | 8 | 8 | 24

½ SIGMA 800

CERTIFIED DOWN: 8 | 8 | 8 | 24 — Centrifuge Tested Jan 24

HOLE CONDITION

1	HOLE DRAG (1000#)	15M
2	TORQUE ON BOTTOM (DP TURNS)	2
3	FILL ON BOTTOM (FEET)	3'

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			FT.
		BIT		
1	E6	7⅞ x 6⅜	5.40	FT.
1	DQ	7⅞ x 6⅜	28.02	FT.
1	SQ	7⅞ x 7	6.15	FT.
1	R3	7⅞ x 7	5.86	FT.
1	SS	2 x 6½	10.58	FT.
1	DM	7⅞ x 7	30.86	FT.
21	DC	7⅝ x 6¾	631.62	FT.
1	XO	7⅝ x 6½	2.45	FT.
51	DP	SINGLES	4743.97	FT.
		KELLY DOWN	40	FT.
		TOTAL	5503	FT.
		WT. OF DC IN AIR	65	LBS.
		WT. OF STRING	123	LBS.

BIT RECORD

BIT NO.	14
SIZE	8¾
MFG.	SEC
TYPE	M44N
JETS 1/32"	20 20 16
SERIAL NO.	299473
DEPTH OUT	
DEPTH IN	5463
TOTAL FTG.	503
TOTAL HRS. RUN	
BIT CONDITION 1/8" T/B/GAGE	ORIG
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	2	5	7
WEIGHT	14.1	15.2	15.2
VIS.-SEC.		76	74
PV / YP			
GELS.			
W.L.-C.C.			
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
PELTEX	150#		
BARITE	7000#		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
5463	5503	7½	D		SANDSTONE SHALE	60	40	1800		5¾				

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12⁰⁰	12³⁰	½	5	BREAK CIRC + CLEAN 3' TO BOTTOM
12³⁰	8⁰⁰	7½	2	DRLG

DRILLER: Paul Gary

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			FT.
		BIT		
1	E6	7⅞ x 6⅜	5.40	FT.
1	DQ	7⅞ x 6⅜	28.02	FT.
1	SQ	7⅞ x 7	6.15	FT.
1	R3	7⅞ x 7	5.86	FT.
1	SS	2 x 6½	10.58	FT.
1	DM	7⅞ x 7	30.86	FT.
21	DC	7⅝ x 6¾	631.62	FT.
1	XO	7⅝ x 6½	2.45	FT.
52	DP	SINGLES	4806.41	FT.
		KELLY DOWN	13.00	FT.
		TOTAL	5510.33	FT.
		WT. OF DC IN AIR	55.000	LBS.
		WT. OF STRING	124.000	LBS.

BIT RECORD

BIT NO.	14
SIZE	8¾
MFG.	SEC
TYPE	M44N
JETS 1/32"	20 20 16
SERIAL NO.	299473
DEPTH OUT	
DEPTH IN	5463
TOTAL FTG.	5510 5540
TOTAL HRS. RUN	15
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	12⁰⁰	12⁰⁰	2⁰⁰
WEIGHT	15.2	15.2	15.2
VIS.-SEC.	85	85	75
PV / YP			
GELS.			
W.L.-C.C.			
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
CAUSTIC	100#		
PELTEX	100#		
METSO	100#		
GEL + WATER	65 BBL		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
5503	5540	7½	D		SHALE	70	40	1650		5¾	165			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8⁰⁰	8³⁰	½	2	DRILL 8¾" HOLE
8³⁰	8⁴⁵	¼	7	RIG SER + BOP'S
8⁴⁵	3¹⁵	6	2	DRILL 8¾" HOLE
3¹⁵	3³⁰	¼	10	TRY TO RUN SURVEY
3³⁰	4⁰⁰	½	2	DRILL 8¾" HOLE

DRILLER: Joe Robert

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			FT.
		BIT		
1	E6	7⅞ x 6⅜	5.40	FT.
1	DQ	7⅞ x 6⅜	28.02	FT.
1	SQ	7⅞ x 7	6.15	FT.
1	R3	7⅞ x 7	5.86	FT.
1	SS	2 x 6½	10.58	FT.
1	DM	7⅞ x 7	30.86	FT.
21	DC	7⅝ x 6¾	631.62	FT.
1	XO	7⅝ x 6½	2.45	FT.
51	DP	SINGLES	4838.20	FT.
		KELLY DOWN	16.86	FT.
		TOTAL	5577.00	FT.
		WT. OF DC IN AIR	55.000	LBS.
		WT. OF STRING	124.000	LBS.

BIT RECORD

BIT NO.	14
SIZE	8¾
MFG.	Sec
TYPE	M44N
JETS 1/32"	20 20 16
SERIAL NO.	299473
DEPTH OUT	
DEPTH IN	5463
TOTAL FTG.	114
TOTAL HRS. RUN	22¾
BIT CONDITION 1/8" T/B/GAGE	Drlg
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	4⁰⁰	8⁰⁰	12⁰⁰
WEIGHT	15.2	15.2	15.2
VIS.-SEC.	90	68	70
PV / YP			
GELS.			
W.L.-C.C.			
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Peltex	150#		
Barite	7000#		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
5540	5577	7¾	D		Shale	70	40	1600		5¾	165	6"	60	Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12⁰⁰	4¹⁵	¼	7	Rig Ser
4¹⁵	12⁰⁰	7¾	2	Drlg

DRILLER: C. Sprague

CP-38 (10/69)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE NO.1

LOCATION: LOT 133-200 RGE II COMTÉ LOTBINIERE

PROVINCE: QUÉBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mackenzie

CONTRACTOR: REGENT DRLG LTD

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: J. Wilbur

RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DAY	YEAR
5416	5463	47	517 1/2	40	12	18	71

DP. / DC. SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
4 1/2	16-6	E	3.89	6 1/4	XH	1	OIL WELL	560P	8"
6 3/4	88		2 3/4	6 3/4	5"H90	2	EMSCO	7000	16

LAST CASING TUBING OR LINER	SIZE	WT. AND GR	NO. OF JOINTS	FEET	RB TO CSG HEAD	SET AT	(CEMENT USED / SACKS)	REMARKS
	9 5/8	36 40	49	1929	1235	1929	975	

TIME DISTRIBUTION — HOURS

NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7 3/4	7 3/4		15 1/2
3	REAMING				
4	CORING				
5	CLEAN TO BOTTOM AND CIRCULATING				
6	TRIPS			5 1/2	5 1/2
7	RIG SERVICE	1/4	1/4		1/2
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE			1/2	1/2
10	DEVIATION SURVEY			1/2	1/2
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS			1 1/2	1 1/2
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24

HOURS FOR SHELL ACCOUNT: Code 2442 — 24

BOILER: 8 8 — Pump #1 70 STR. 1100 PSI — Centrifuge on stand by — 24 hrs

HOLE CONDITION

1	HOLE DRAG (1000#)
2	TORQUE ON BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO	CODE			FT.
		BIT		
1	EG	12 1/4 X 6 3/4		3.35 FT.
1	DQ	12 1/4 X 6 3/4		28.02 FT.
1	SQ	12 1/4 X 7		6.15 FT.
1	R3	12 1/4 X 7		5.86 FT.
1	SS	12 1/4 X 6 3/4		10.58 FT.
1	DM	12 1/4 X 7		30.86 FT.
21	DC	12 1/4 X 6 3/4		631.62 FT.
1	XO	12 1/4 X 6 3/4		2.45 FT.
50	DP	SINGLES		4680.07 FT.
		KELLY DOWN		43.00 FT.
		TOTAL		5411.98 FT.
		WT. OF DC IN AIR		55 000 LBS.
		WT. OF STRING		122 000 LBS.

BIT RECORD

BIT NO.	13
SIZE	8 3/4
MFG.	SEC
TYPE	M44L
JETS 1/32"	20 20 16
SERIAL NO.	256533
DEPTH OUT	
DEPTH IN	5393
TOTAL FTG.	23
TOTAL HRS. RUN	13
BIT CONDITION 1/8" T/B/GAGE	DRLG
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	12	3	6
WEIGHT	15.2	15.3	15.2
VIS.-SEC.	67	72	74
PV / YP	/	/	/
GELS	/	/	/
W.L.-C.C.		6.9.2	
PH		10.5	
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
5416	5441.98	7 3/4	D		SAND STONE	60	40	1800		6 3/4	170	6"	60	COMP

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

TIME LOG FROM	TO	ELAPSED TIME	CODE	DETAILS
12 00	12 15	1/4	7	RIG SER.
12 15	8 00	7 3/4	2	DRLG

DRILLER: Paul Gray

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO	CODE			FT.
		BIT		
1	EG	12 1/4 X 6 3/4		3.35 FT.
1	DQ	12 1/4 X 6 3/4		28.02 FT.
1	SQ	12 1/4 X 7		6.15 FT.
1	R3	12 1/4 X 7		5.86 FT.
1	SS	12 1/4 X 6 3/4		10.58 FT.
1	DM	12 1/4 X 7		30.86 FT.
21	DC	12 1/4 X 6 3/4		631.62 FT.
1	XO	12 1/4 X 6 3/4		2.45 FT.
50	DP	SINGLES 5 7/8 OD X 5" ID		4711.58 FT.
		KELLY DOWN		33.00 FT.
		TOTAL		5463.47 FT.
		WT. OF DC IN AIR		55 000 LBS.
		WT. OF STRING		122 000 LBS.

BIT RECORD

BIT NO.	13
SIZE	8 3/4
MFG.	SEC
TYPE	M44M
JETS 1/32"	20 20 16
SERIAL NO.	256533
DEPTH OUT	5463
DEPTH IN	5393
TOTAL FTG.	70
TOTAL HRS. RUN	20 3/4
BIT CONDITION 1/8" T/B/GAGE	6 2 0
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME			
WEIGHT	15.2	15.2	15.2
VIS.-SEC.	95	95	77
PV / YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
100 #		CAUSTIC	
100		METSO Beads	
RUN WATER 2 hours			
650 #		WALNUT MAT	

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
5441	5463	7 3/4				70	44/55	1750		5 3/4	165			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

TIME LOG FROM	TO	ELAPSED TIME	CODE	DETAILS
4 00	8 15	1/4	7	RIG SER + BOP
8 15	4 00	7 3/4	2	DRILL 8 3/4" HOLE

DRILLER: Jack Hunt

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO	CODE			FT.
		BIT		
1	EG	12 1/4 X 6 3/4		5.40 FT.
1	DQ	12 1/4 X 6 3/4		28.02 FT.
1	SQ	12 1/4 X 7		6.15 FT.
1	R3	12 1/4 X 7		5.86 FT.
1	SS	12 1/4 X 6 3/4		10.58 FT.
1	DM	12 1/4 X 7		30.86 FT.
21	DC	12 1/4 X 6 3/4		631.62 FT.
1	XO	12 1/4 X 6 3/4		2.45 FT.
50	DP	SINGLES		4711.58 FT.
		KELLY DOWN		31 FT.
		TOTAL		5463.47 FT.
		WT. OF DC IN AIR		55 LBS.
		WT. OF STRING		122 LBS.

BIT RECORD

BIT NO.	14
SIZE	8 3/4
MFG.	SEC
TYPE	M44M
JETS 1/32"	20 20 16
SERIAL NO.	256533
DEPTH OUT	5463
DEPTH IN	5393 5493
TOTAL FTG.	
TOTAL HRS. RUN	
BIT CONDITION 1/8" T/B/GAGE	6 2 0
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME			
WEIGHT			
VIS.-SEC.			
PV / YP			
GELS		1P	
W.L.-C.C.			
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
	5463	6												

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

TIME LOG FROM	TO	ELAPSED TIME	CODE	DETAILS
4 30	4 30	1/2	10	PUMP DOWN DIRC SURVEY
4 30	8 00	3 1/2	6	TRIP OUT
8 00	9 30	1 1/2	6	CHANGE BIT + PICK UP NEW BIT REAMER RUNNING OCCUPIED
9 30	10 00	1/2	9	CUT 80' LINE SLIP 40'
10	12 00	2	6	RUN IN SLOW

DRILLER: Paul Gray

CP-38 (10/69)

DAILY DRILLING REPORT

WELL NAME: Shell Ste Francoise Romaine #1

LOCATION: Lot 723-200 Rge 11 Ste Lot Singise

PROVINCE: Que

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

CONTRACTOR: Regent Drilling Ltd

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: J. Hebert

RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
5350	5416	66	502	39	12	17	71

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
4 1/2	16.6	E	3.89	6 1/4	XH	1	OILWELL	560P	8"
6 3/4	88	-	2 3/4	6 3/4	5"H90	2	EMSCO	700	16"

LAST CASING TUBING OR LINER: SIZE 9 5/8; WT. AND GR. 36/40; NO. OF JOINTS 49; FEET 1929; KB. TO CSG. HEAD 17.35; SET AT 1929; CEMENT USED (SACKS) 975

REMARKS:

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7 3/4	3	5 1/4	16
3	REAMING				
4	CORING				
5	CLEAN TO BOTTOM AND CIRCULATING			1/4	1/4
6	TRIPS		4 1/4	1 3/4	6
7	RIG SERVICE	1/4	1/4		1/2
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY		1/2	3/4	1 1/4
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	24	24		

CONTRACTOR: BOILER 8 8 8

1/2 Pump 475 P.S.I. Centrifugal Supply 24 hr.

HOLE CONDITION

1	HOLE DRAG (1000#)
2	TORQUE ON BOTTOM (OP TURNS)
3	FILL ON BOTTOM (FEET)

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

	BIT			FT.
1	EC	12 1/4 x 6 3/4	90	3.35 FT.
1	DO	12 1/4 x 6 3/4	90	28.02 FT.
1	RR	12 1/4 x 7	90	5.86 FT.
1	SO	12 1/4 x 7	90	6.15 FT.
1	DM	12 1/4 x 7	90	30.86 FT.
21	DC	7 3/4 x 6 3/4	90	631.62 FT.
1	XO	7 3/4 x 6 1/2	90	2.45 FT.
49	DP	STANDS		FT.
1	DP	SINGLES		4648.49
	KELLY DOWN			23.20 FT.
	TOTAL			5380 FT.
	WT. OF DC IN AIR			55 000 LBS.
	WT. OF STRING			121 000 LBS.

BIT RECORD

BIT NO.	12	
SIZE	8 3/4	
MFG.	Sec	
TYPE	S44	
JETS 1/32"	20 20 16	
SERIAL NO.	360967	
DEPTH OUT	5268	
DEPTH IN		
TOTAL FTG.	112	
TOTAL HRS. RUN	25 1/4	
BIT CONDITION 1/8" T/B/GAGE	Drlg	
REAMER CUTTER NO.		
REAMER TYPE		

MUD RECORD

TIME	12 00	4 00	8 00
WEIGHT	15	15.1	15.1
VIS.-SEC.	100	90	68
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			64
PH			11.0
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Peltex	150#		
Barite	6400#		

MORNING TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
5350	5380	7 3/4	D		Sandstone & Shale	60	40	1800		5 3/4	165			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12 00	1 30	1 1/2	2	Drlg.
1 30	1 45	1/4	7	Rig Ser.
1 45	8 00	6 1/4	2	Drlg.

DRILLER: C. Sprague

DAY TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
5380	5393	3	D		SAND STONE SHALE	60	40	1800		5 3/4				

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8 00	8 15	1/4	7	RIG SER
8 15	11 15	3	2	DRLG
11 15	11 45	1/2	10	DROP DIAC. SURVEY
11 45	4 00	4 1/4	6	P.O.H. CHANGE BIT RUN IN PICK UP SHOCK SUB

DRILLER: Paul Gray

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

	BIT			FT.
1	EC	12 1/4 x 6 3/4	90	3.35 FT.
1	DO	12 1/4 x 6 3/4	90	28.02
1	SO	12 1/4 x 7	90	6.15 FT.
1	RR	12 1/4 x 7	90	5.86
1	SS	2 7/8" x 6 1/4	90	10.58 FT.
1	DM	12 1/4 x 7	90	3086 FT.
21	DC	7 3/4 x 6 3/4	90	631.62 FT.
1	XO	7 3/4 x 6 1/2	90	2.45
49	DP	SINGLES		4680.09
	KELLY DOWN			17.08 FT.
	TOTAL			5416.97
	WT. OF DC IN AIR			55 000 LBS.
	WT. OF STRING			122 000 LBS.

BIT RECORD

BIT NO.	13	
SIZE	8 3/4	
MFG.	SEC	
TYPE	M44N	
JETS 1/32"	20 20 16	
SERIAL NO.	256533	
DEPTH OUT	5393	
DEPTH IN	5393	
TOTAL FTG.	54	
TOTAL HRS. RUN	5 1/4	
BIT CONDITION 1/8" T/B/GAGE		
REAMER CUTTER NO.		
REAMER TYPE		

MUD RECORD

TIME	6 PM	8 PM	10 PM
WEIGHT	15.1	15.1	15.1
VIS.-SEC.	70	70	68
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.	70		
PH	10.5		
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Mero Lecros	50#		
Caustic Soda	50#		

EVENING TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
5393	5416	5 4			SHALE	60	40	1800		5 3/4	175			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4 00	5 45	1 3/4	6	RUN IN HOLE
5 45	6 00	1/4	5	REAM TO BOTTOM
6 00	10 00	4	2	DRILL 8 3/4" HOLE
10 00	10 45	3/4	10	SURVEY
10 45	12 00	1 1/4	2	DRILL 8 3/4" HOLE

DRILLER: Joe Kohut

CP-38 (10/69)

DAILY DRILLING REPORT

WELL NAME: Shell Ste Francoise Romaine #1

LOCATION: Lot 723 - 200 Rge 11 Ste Lotbiniere

PROVINCE: Que

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Maffink

CONTRACTOR: Regent Drilling Ltd

SIGNATURE OF CONTRACTOR'S TOOL PUSHER

RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
5266	5350	84	486 1/2	38	12	16	71

DP. / DC. SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
4 1/2	16.6	E	3.89	6 1/4	X H	1	OILWELL	560P	8"
6 3/4	88	-	2 3/4	6 3/4	5"1490	2	EMSCO	700D	16"

LAST CASING TUBING OR LINER: SIZE 9 5/8; WT. AND GR. 36/40; NO. OF JOINTS 49; FEET 1829; KB. TO CSG. HEAD 17.35; SET AT 1929; CEMENT USED (SACKS) 975; REMARKS

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	2	7 3/4	7 3/4	17 1/2
3	REAMING				
4	CORING				
5	CLEAN TO BOTTOM AND CIRCULATING				
6	TRIPS	5 1/2			5 1/2
7	RIG SERVICE	1/4	1/4	1/4	3/4
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY	1/4			1/4
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	8	8	8	24
	BOILER	8	8	8	24
	Centrifugal	OFF	24 HRS		
	1/2 Pump	5 7/8 HRS	18 HRS		
	Centrifuge Shelly	24 Hrs			

HOLE CONDITION

1	HOLE DRAG (1000#)	10
2	TORQUE ON BOTTOM (DP TURNS)	2
3	FILL ON BOTTOM (FEET)	

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE					FT.
		BIT				
1	E6	12	16	6	3/4	3.35 FT.
1	DQ	12	16	6	3/4	28.02 FT.
1	R3	12	16	6	3/4	5.86 FT.
1	SQ	12	16	6	3/4	6.15 FT.
1	DM	12	16	6	3/4	30.86 FT.
21	DC	12	16	6	3/4	631.62 FT.
1	XO	12	16	6	3/4	2.45 FT.
48	DP	STANDS				4524.19 FT.
	DP	SINGLES				FT.
	KELLY DOWN					39.50 FT.
	TOTAL					5272 FT.
	WT. OF DC IN AIR					55 000 LBS
	WT. OF STRING					120 000 LBS

BIT RECORD

BIT NO.	11	12
SIZE	8 3/4	8 3/4
MFG.	Sec.	Sec.
TYPE	S44	S44
JETS 1/32"	20 20 20	20 16
SERIAL NO.	324746	360967
DEPTH OUT	5268	
DEPTH IN	5080	5268
TOTAL FTG.	188	4
TOTAL HRS. RUN	32 1/2	1 1/2
BIT CONDITION 1/8" T/B/GAGE	5 8 D	Drlg
REAMER CUTTER NO.		
REAMER TYPE		

MUD RECORD

TIME			8 00
WEIGHT			152
VIS.-SEC.			90
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Baroid	2500#		

MORNING TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
5266	5272	2.	D		Shale	70	20/40	1600		5 3/4	144			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12 00	12 30	1/2	2	Drlg.
12 30	1 00	1/2	10	Drop Survey + Rig Ser.
1 00	4 00	3	6	P.O.H. For Bit Chg.
4 00	6 30	2 1/2	6	Lay down Jars Chg bits + R.I.H.
6 30	8 00	1 1/2	2	Drlg.

DRILLER: C. Sprague

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE					FT.
		BIT				
1	E6	12	16	6	3/4	3.35 FT.
1	DQ	12	16	6	3/4	28.02 FT.
1	R3	12	16	6	3/4	5.86 FT.
1	SQ	12	16	6	3/4	6.15 FT.
1	DM	12	16	6	3/4	30.86 FT.
21	DC	12	16	6	3/4	631.62 FT.
1	XO	12	16	6	3/4	2.45 FT.
48	DP	STANDS				4586.47 FT.
2	DP	SINGLES				FT.
	KELLY DOWN					23 FT.
	TOTAL					5317 FT.
	WT. OF DC IN AIR					55 000 LBS.
	WT. OF STRING					120 LBS.

BIT RECORD

BIT NO.	12		
SIZE	8 3/4		
MFG.	SEC		
TYPE	S44		
JETS 1/32"	20 20 16		
SERIAL NO.	360967		
DEPTH OUT			
DEPTH IN	5268		
TOTAL FTG.	49		
TOTAL HRS. RUN	9 3/4		
BIT CONDITION 1/8" T/B/GAGE	8 R 16		
REAMER CUTTER NO.			
REAMER TYPE			

MUD RECORD

TIME	18 00	12	3
WEIGHT	15.1	15.2	15.1
VIS.-SEC.	76	76	78
PV/YP	/	27	/
GELS	/	43 46	/
W.L.-C.C.		6.8	
PH		10.5	
% SOLIDS		36	
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
CAUSTIC	50#		
PELTEX	50#		
MEGADRILL	50#		
WATER	3 GAL. MIN	1 1/2 HP	

DAY TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
5272	5317	7 3/4	D		SHALE	60	40	1800		6 3/4	165			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8 00	8 15	1/4	7	RIG SER.
8 15			2	DRLG

DRILLER: Paul Gray

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE					FT.
		BIT				
1	E6	12	16	6	3/4	3.35 FT.
1	DQ	12	16	6	3/4	28.02 FT.
1	R3	12	16	6	3/4	5.86 FT.
1	SQ	12	16	6	3/4	6.15 FT.
1	DM	12	16	6	3/4	30.86 FT.
21	DC	12	16	6	3/4	631.62 FT.
1	XO	12	16	6	3/4	2.45 FT.
44	DP	STANDS				4616.92 FT.
	DP	SINGLES				FT.
	KELLY DOWN					25. FT.
	TOTAL					5350. FT.
	WT. OF DC IN AIR					55 000 LBS
	WT. OF STRING					120 000 LBS

BIT RECORD

BIT NO.	12
SIZE	8 3/4
MFG.	SEC
TYPE	S44
JETS 1/32"	20 20 16
SERIAL NO.	360967
DEPTH OUT	
DEPTH IN	5268
TOTAL FTG.	82
TOTAL HRS. RUN	17 1/2
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	6 00 Bjour to.		
WEIGHT	15.2	15.2	15.2
VIS.-SEC.	9.5	9.5	9.5
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
65 50 # sack mat			
100 CAUSTIC			
100 PELTEX			

EVENING TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
5317	5350	7 3/4				60	40	1800		5 3/4	174			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4 00	4 30	1/2	2	DRILL 9 3/4" HOLE
4 30	4 45	1/4	7	RIG SER
4 45	12 00	7 1/4	2	DRILL 8 3/4" HOLE

DRILLER: Joe Schut

CP-38 (10/69)

DAILY DRILLING REPORT

WELL NAME: Shell Ste Francoise Romaine #1

LOCATION: Lot 723-200 Rge 11 Cte Lotbiniere | PROVINCE: Que

OPERATOR: Shell Canada Limited | SIGNATURE OF OPERATOR'S REPRESENTATIVE: (R) Mcaffrick

CONTRACTOR: Regent Drilling Ltd | SIGNATURE OF CONTRACTOR'S TOOL PUSHER | RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
5145	5266	121	468¾	37	12	15	71

DP./DC. SIZE	WT./FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
4½	16.6	E	3.89	6¼	X.H.	1	OILWELL	560P	8"
6¾	88	-	2¾	6¾	5"HI90	2	EMSCO	700D	16"

LAST CASING TUBING OR LINER: SIZE 9 5/8 | WT. AND GR. 36/40 | NO. OF JOINTS 49 | FEET 1929 | RB. TO CSG. HEAD 17.35 | SET AT 1929 | CEMENT USED (SACKS) 975 | REMARKS

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7¾	7¼	7¾	22¾
3	REAMING				
4	CORING				
5	CLEAN TO BOTTOM AND CIRCULATING				
6	TRIPS				
7	RIG SERVICE	¼	¼	¾	¾
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.		½		½
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23	—		½		½
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	20	24		
COMPANY EQUIPMENT	BOILER	8	8	8	
	½ PD	1180			
	Centrifuge & Stdy	24h			

HOLE CONDITION

1	HOLE DRAG (1000#)
2	TORQUE ON BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

DRILLING ASSEMBLY — AT END OF TOUR

NO.	CODE	BIT	FT.
1	E6	12¼ 7/8 7/8	3:35
1	DQ	12¼ 7/8 7/8	28.02
1	R3	12¼ 2 7/8 x 7	5.80
1	JH	12¼ 7/8 7/8 7/8	6.90
1	SQ	12¼ 2 7/8 x 7	6.15
1	DM	12¼ 2 7/8 x 7	30.86
21	DC	2 7/8 x 3¼	631.62
1	XO	Subs	2.45
47	DP	SINGLES	4462.40
		KELLY DOWN	12.45
		TOTAL	5190 FT.
		WT. OF DC IN AIR	55 000 LBS.
		WT. OF STRING	120 000 LBS.

BIT RECORD

BIT NO.	11
SIZE	8¾
MFG.	Sec
TYPE	S44
JETS 1/32"	20 20 20
SERIAL NO.	324746
DEPTH OUT	
DEPTH IN	5080
TOTAL FTG.	110
TOTAL HRS. RUN	17½
BIT CONDITION 1/8" T/B/GAGE	Drlg
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	12⁰⁰	4⁰⁰	8⁰⁰
WEIGHT	14.8	15.1	15.2
VIS.-SEC.	75	75	66
PV/YP	/	/	/
GELS.	/	/	/
W.L.-C.C.			73
PH			10.5
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Barite	13000		
Caustic	2960		
Gel	2500		

MORNING TOUR

FOOTAGE

FROM	TO	BOT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
5145	5190	7¾	D		Shale	80	40	1600		5¾	148			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12⁰⁰	12¹⁵	¼	7	Rig Ser.
12¹⁵	8⁰⁰	7¾	2	Drlg.

DRILLER: C Sprague

DAY TOUR

FOOTAGE

FROM	TO	BOT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
5190	5230	7¾	D		SHALE	80	40	1600		5¾	156			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8⁰⁰	8¹⁵	¼	7	RIG. SERVICE
8¹⁵	1³⁰	5¼	2	DRLG
1³⁰	2⁰⁰	½	22 14	DRAIN DIESEL OUT OF B.O.P. MANI. FILL WITH OIL
2⁰⁰	4⁰⁰	2		DRLG

DRILLER

EVENING TOUR

FOOTAGE

FROM	TO	BOT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
5230	5266	7½			SHALE	80	40	1600		5¾	156			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4¼	4½	¼	7	RIG SER.
4½	12⁰⁰	7½	2	DRILL 4¾" HOLE

DRILLER: Joe Robert

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
POTASH	1000#		
CASTIC	100#		
METRO B	100#		
WATER	3GAL/HR.		
150 # PELTEX			
65.00 # wet mat			

CP-38 (10/89)

DAILY DRILLING REPORT

431

WELL NAME: Shell Ste Francoise Romaine #1

LOCATION: Lot 723-200 Rge 11 Cte Lotbiniere | PROVINCE: Que

OPERATOR: Shell Canada Limited | CONTRACTOR: Regent Drilling Ltd. | RIG NO.: 6

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mansfield | SIGNATURE OF CONTRACTOR'S TOOL PUSHER: J. Gilbeau

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DAY	YEAR
5054	5145	91	446	36	12	14	71

DP / DC SIZE	WT./FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
4 1/2	16.6	E	3.89	6 1/4	XH	1	DILWELL	560P	8"
6 3/4	88	—	2.34	6 3/4	5"#490	2	EMSCO	700D	16"

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	DEPTH TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	9 5/8	36/40	49	1929	17.35	1929	975	

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	5 1/4	2	7 3/4	15
3	REAMING				
4	CORING				
5	CLEAN TO BOTTOM AND CIRCULATING		1/4		1/2
6	TRIPS	2	4 1/2		6 1/2
7	RIG SERVICE	1/4		1/4	1/2
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE		1		1
10	DEVIATION SURVEY	1/2			1/2
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	2042			
CONTRACTOR	BOILER	8	8	8	24

Pump @ 1/2 speed
1150 psi circ pressure

HOLE CONDITION

1	HOLE DRAG (1000#)	3
2	TORQUE ON BOTTOM (DP TURNS)	
3	FILL ON BOTTOM (FEET)	8'

Centrifuge on Stdby 24h

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		I.D.	O.D.	
		BIT			3.35 FT.
1	E6		2 7/8	6 3/4	
1	DQ		2 7/8	6 3/4	28.02 FT.
1	R3		2 7/8	7	5.80 FT.
1	SB		2 7/8	7	6.15 FT.
1	DM		2 7/8	7	30.86 FT.
17	DC		2 7/8	6 3/4	510.61 FT.
1	XO		2 7/8	6 3/4	2.45 FT.
47	DP	STANDS			FT.
1	DP	SINGLES			4462.48
		KELLY DOWN			30.36 FT.
		TOTAL			5080. FT.
		WT. OF DC IN AIR			48 000 LBS.
		WT. OF STRING			112 000 LBS.

BIT RECORD

BIT NO.	10
SIZE	8 3/4
MFG.	Sec
TYPE	S44
JETS 1/32"	10 20 20
SERIAL NO.	243165
DEPTH OUT	5080
DEPTH IN	4902
TOTAL FTG.	178
TOTAL HRS. RUN	34 1/4
BIT CONDITION I/8" T/B/GAGE	Trip
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	12:00	4:00	8:00
WEIGHT	15.2	15.2	
VIS.-SEC.	90	90	
PV/YP			
GELS.			
W.L.-C.C.			
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Barite	6500		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
5054	5080	5 1/4	D		Shale	80	40	1600		5 3/4	162			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
1200	1215	1/4	7	Rig Ser.
1215	530	5 1/4	2	Drlg.
530	600	1/2	10	Drop Survey & Blow Kelly
600	810	2	6	P.O.H. For Bit Chg.

DRILLER: L. Sprague

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		I.D.	O.D.	
		BIT			FT.
1	E6				3.35
1	DQ				28.02
1	R3				5.80
1	JH				6.90
1	SB				6.15
1	DM				30.86
20	DC				631.62
1	XO				2.45
46	DP	STANDS			4337.84
		KELLY DOWN			43 FT.
		TOTAL			FT.
		WT. OF DC IN AIR			LBS.
		WT. OF STRING			LBS.

BIT RECORD

BIT NO.	11
SIZE	8 3/4
MFG.	SEC
TYPE	S44
JETS 1/32"	20 20 20
SERIAL NO.	324746
DEPTH OUT	
DEPTH IN	5080
TOTAL FTG.	
TOTAL HRS. RUN	
BIT CONDITION I/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	~~10~~ ~~12~~		2
WEIGHT			15.2
VIS.-SEC.			87
PV/YP			
GELS			
W.L.-C.C.			
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
M mat	3500		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
5080	5095	2	D		SHALE	70	35	1400		5 3/4				

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
5030	5 3/4° N	71° W						

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8:00	10:30	2 1/2	6	FINISH OUT. CHNGE BIT
10:30	11:30	1	9	PICK UP 4 COLLARS + SHOCK LIFT SUB SLIPCUT
11:30	1:30	2	6	RUN IN WITH BIT #11
1:30	2:00	1/2		BREAK CIRC CLEAN 8' TO BOTTOM
2				DRLG.

DRILLER: [signature]

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		I.D.	O.D.	
		BIT			FT.
1	E6				3.35
1	DQ				28.02
1	R3				5.80
1	JH				6.90
1	SB				6.15
1	DM				30.86
21	DC				631.62
1	XO	STANDS			2.45
1/2	DP	SINGLES			4466.66
		KELLY DOWN			30.00 FT.
		TOTAL			5145.77
		WT. OF DC IN AIR			53 000 LBS.
		WT. OF STRING			120 000 LBS.

BIT RECORD

BIT NO.	11
SIZE	8 3/4
MFG.	SEC
TYPE	S44
JETS 1/32"	20 20 20
SERIAL NO.	324746
DEPTH OUT	
DEPTH IN	5080
TOTAL FTG.	65
TOTAL HRS. RUN	9 3/4
BIT CONDITION I/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME			
WEIGHT	15.2	15.1	15.
VIS.-SEC.	80	75	75
PV/YP			
GELS.			
W.L.-C.C.			
PH	10.5		
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
150# POTASH			
100# METSO Fiber			
150# CAUSTIC			
WT MAT	3500		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
5095	5145	7 3/4				80	40	1600		5 3/4	148			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
400	415	1/4	7	RIG SER
415	1200	7 3/4	2	DRILL 8 3/4" HOLE

DRILLER: Joe Robert

CP-38 (10/69)

DAILY DRILLING REPORT

WELL NAME: Shell Ste Francoise Romaine #1

LOCATION: Lat 723-200 Rge 11 Cte Kotbimeire

PROVINCE: Que

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mcffrich

CONTRACTOR: Regent Drilling Ltd

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: J. Hibbard

RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DAY	YEAR
4931	5054	123	431	35	12	13	71

DP./DC. SIZE	WT./FT	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
4 1/2	16.6	E	3.89.	6 1/4	X H	1	OILWELL	560P	8"
6 3/4	88	—	2 3/4	6 3/4	5"HI90	2	EMSCO	700D	16"

LAST CASING TUBING OR LINER: SIZE 9 5/8; WT. AND GR. 36/40; NO. OF JOINTS 49; FEET 1929; FT. TO CSG. HEAD 17.35; SET AT 1929; CEMENT USED (SACKS) 975

REMARKS:

TIME DISTRIBUTION — HOURS

CODE NO	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7 3/4	7 3/4	7	23 1/2
3	REAMING				
4	CORING				
5	CLEAN TO BOTTOM AND CIRCULATING				
6	TRIPS				
7	RIG SERVICE	1/4	1/4	1/2	3/4
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
TOTALS		8	8	8	24
HOURS FOR SHELL ACCOUNT		8	8	8	24

CREW HOURS: BOILER 8 8 8 24; GENL. OFF 8 8

LOG 7% STROKES

HOLE CONDITION

1 HOLE DRAG (1000#)	
2 TORQUE ON BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		I.D.	O.D.		
		BIT				FT.
1	E6	BIT	2 1/2	6 3/4	3.35	FT.
1	DO	BIT	2 1/2	6 3/4	28.02	FT.
1	R3	BIT	2 1/2	8	5.80	FT.
1	SD	BIT	2 1/2	X 7	6.15	FT.
1	DM	BIT	2 1/2	X 7	30.86	FT.
17	DC	BIT	2 1/2	6 3/4	510.61	FT.
1	XO	BIT	2 1/2	6 3/4	2.45	FT.
46	DP	STANDS			4335.95	FT.
	DP	SINGLES				FT.
KELLY DOWN					41.81	FT.
TOTAL					4965	FT.
WT. OF DC IN AIR					41	LBS.
WT. OF STRING					112	LBS.

BIT RECORD

BIT NO.	10
SIZE	8 3/4
MFG.	SEC
TYPE	S44
JETS 1/32"	20 20 20
SERIAL NO.	243165
DEPTH OUT	
DEPTH IN	4902
TOTAL FTG.	63
TOTAL HRS. RUN	13 1/2
BIT CONDITION 1/8" T/B/GAGE	Dlg
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	12^00	4^00	8^00
WEIGHT	15.1	15.2	15.2
VIS.-SEC.	56	58	58
PV/YP			
GELS.			
W.L.-C.C.			
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
4931	4965	7 3/4	D		Shale	80	40	1500		5 3/4	164	6	55	Se

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12^00	12^15	1/4	7	Rig Ser.
12^15	8	7 3/4	2	Drlg

DRILLER: C. Sprague

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		I.D.	O.D.		
		BIT				FT.
1	E6	BIT	2 1/2	6 3/4	3.35	FT.
1	DO	BIT	2 1/2	6 3/4	28.02	FT.
1	R3	BIT	2 1/2	X 7	5.80	FT.
1	SD	BIT	2 1/2	X 7	6.15	FT.
1	DM	BIT	2 1/2	X 7	30.86	FT.
17	DC	BIT	2 1/2	6 3/4	510.61	FT.
1	XO	BIT	2 1/2	6 3/4	2.45	FT.
46	DP	STANDS			4339.85	FT.
2	DP	SINGLES				FT.
KELLY DOWN					25	FT.
TOTAL					5011	FT.
WT. OF DC IN AIR					44	LBS.
WT. OF STRING					112	LBS.

BIT RECORD

BIT NO.	10
SIZE	8 3/4
MFG.	SEC
TYPE	S44
JETS 1/32"	20 20 20
SERIAL NO.	243166
DEPTH OUT	
DEPTH IN	4902
TOTAL FTG.	109
TOTAL HRS. RUN	21 1/4
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	10	12	2
WEIGHT	15.2	15.2	15.2
VIS.-SEC.	60	72	72
PV/YP			
GELS.			
W.L.-C.C.	62		
PH	10.5		
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
ROTARY	600#	PRIMA	
SAWTE	50#		400#
ALLEGANY	50#		
BARITE	14000#		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
4965					SHALE	80	40			5 3/4				

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8	8^15	1/4	7	RIG SER.
8^15	4^00	7 3/4	2	DRLG

DRILLER: Pal Boy

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		I.D.	O.D.		
		BIT				FT.
1	E6	BIT	2 1/2	6 3/4	3.35	FT.
1	DO	BIT	2 1/2	6 3/4	28.02	FT.
1	R3	BIT	2 1/2	X 7	5.80	FT.
1	SD	BIT	2 1/2	X 7	6.15	FT.
1	DM	BIT	2 1/2	X 7	30.86	FT.
17	DC	BIT	2 1/2	6 3/4	510.61	FT.
1	XO	BIT	2 1/2	X O.D.	2.45	FT.
47	DP	STANDS			4430.65	FT.
	DP	SINGLES				FT.
KELLY DOWN					37.60	FT.
TOTAL					5054.59	FT.
WT. OF DC IN AIR					40	LBS.
WT. OF STRING					112	LBS.

BIT RECORD

BIT NO.	10
SIZE	8 3/4
MFG.	SEC
TYPE	S44
JETS 1/32"	3-20
SERIAL NO.	243165
DEPTH OUT	
DEPTH IN	4902
TOTAL FTG.	152
TOTAL HRS. RUN	24
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	4^00	8^00 AM	10PM
WEIGHT	15.2	15.2	15.2
VIS.-SEC.	80	80	80
PV/YP			
GELS.			
W.L.-C.C.			
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
5011	5054	7 3/4			SHALE	80	40	1600		5 3/4	162			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4^00	6^45	2 3/4	2	DRILL 8 3/4" HOLE
6^45	7^00	1/4	7	RIG SER + BOPS
7^00	12^00	5	2	DRILL 8 3/4" HOLE

DRILLER: Joe Robert

CP-38 (10/69)

DAILY DRILLING REPORT

WELL NAME: Shell Ste. Francoise Romaine #1.

LOCATION: Lot 723-200 Rge. 11 Cte Lotbinière

PROVINCE: Que

4902 402

OPERATOR: **Shell Canada Limited**

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [illegible]

CONTRACTOR: Regent Drilling Ltd

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: [illegible]

RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DAY	YEAR
4902	4931	29	407 3/4	34	12	12	71

DP / DC SIZE	WT. / FT	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
4 1/2	16.6	E	3.89	6 1/4	X H	1	O.L Well	560P	8"
6 3/4	88	—	2 3/4	6 3/4	5" H50	2	EMSCO	D700	16"

LAST CASING TUBING OR LINER: SIZE 9 5/8 | WT. AND GR. 36/40 | NO. OF JOINTS 49 | FEET 1929 | KB TO CSG. HEAD 17.35 | SET AT 1929 | CEMENT USED (SACKS) 975 | REMARKS

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL			5 3/4	5 3/4
3	REAMING				
4	CORING				
5	CLEAN TO BOTTOM AND CIRCULATING	[illegible]		1/4	1/4
6	TRIPS	6	4 1/2	1 1/2	12
7	RIG SERVICE				
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST	2	2 1/4		4 1/4
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS		14 1/2	1 1/2	16
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
41	TUBING TRIPS				
42	TREATING				
43	SWABBING				
44	TESTING				
45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	6	4	24
	HOURS FOR SHELL ACCOUNT				
CONTRACTOR OR GOVERNMENT	BOILER	8	4	8	24
	Centrifuge standby 24 hrs				

HOLE CONDITION

1	HOLE DRAG (1000#)
2	TORQUE ON BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		I.D.	O.D.	FT.
6	DC	BIT			181.06
1	E6				3.93
1	Packer	X			61.78
11	DC.	X			333.61
		X			
		X			
		X			
		X			
45	DP	STANDS			FT.
2	DP	SINGLES			4304.34
KELLY DOWN					17.28
TOTAL					4902.
WT. OF DC IN AIR					39000 LBS.
WT. OF STRING					70000 LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JETS 1/32"	
SERIAL NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	
WEIGHT	
VIS.-SEC.	
PV/YP	
GELS.	
W.L.-C.C.	
PH	
% SOLIDS	
% SAND	

MUD MATERIALS ADDED: TYPE | AMOUNT | TYPE | AMOUNT

MORNING TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
4902	TD													

DEVIATION RECORD: DEPTH | DEVIATION° | DIRECTION | DEPTH | DEVIATION° | DIRECTION | DEPTH | DEVIATION° | DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12 00			6	Make up Test Tool. + R.I.H. Fill.
	5 30	5 1/2		2500' Water Cushion
5 30	6 00	1/2	6	Head up To Test.
6 00	8 00	2	16.	Testing

DRILLER: C. Sprague

DAY TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD: DEPTH 4902 | DEVIATION° 5 3/4 | DIRECTION | DEPTH | DEVIATION° | DIRECTION | DEPTH | DEVIATION° | DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8 00	8 45	3/4	2	TESTING DST #1 4700 - 4902
8 45	10 15	1 1/2	2	SHUT IN GTS after 4 min.
10 15	2 00	3 3/4	6	PULL OUT STDW Rec. 270' (2 bbls) mud.
2 00	3 15	1 1/4	20	LAY DOWN TEST TOOLS T.O. 4/90 min. S.I. 60/105 min.
3 15	4 00	3/4	6	RUN IN COLLORS GTS in 5 min. @ 4.89 mscf/d

DECREASING TO 3.63 mscf/d

SIP 3516/3535 FP 911/513 HHP 3853/3824

DRILLER: [signature]

EVENING TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
4902	4931	5 1/2				80	40	1600		5 1/2	168			

DEVIATION RECORD: DEPTH | DEVIATION° | DIRECTION | DEPTH | DEVIATION° | DIRECTION | DEPTH | DEVIATION° | DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4 00	4 30	1/2	20	LAY DOWN TEST TOOLS
4 30	6 00	1 1/2	6	RUN IN HOLE
6 00	6 15	1/4	5	REAM TO BOTTOM 5' FT.
6 15	12 00	5 3/4	2	DRILL 4 3/4" HOLE

BIT NO.	10
SIZE	4 3/4
MFG.	STC
TYPE	S44
JETS 1/32"	3-20
SERIAL NO.	243165
DEPTH OUT	
DEPTH IN	4902
TOTAL FTG.	29
TOTAL HRS. RUN	5 3/4
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

TIME	
WEIGHT	15.4 15.4 15.4
VIS.-SEC.	57 57 56
PV/YP	
GELS.	
W.L.-C.C.	
PH	10.5
% SOLIDS	
% SAND	

MUD MATERIALS ADDED: TYPE | AMOUNT | TYPE | AMOUNT

1000# POTASH
50# CAUSTIC

DRILLER: Joe Robert

CP-38 (10/69)

DAILY DRILLING REPORT

WELL NAME: Shell Ste Francoise Romaine #1

LOCATION: Lot 723-200 Range 11 Cte Lothiniere | PROVINCE: Que

OPERATOR: Shell Canada Limited | CONTRACTOR: Regent Drilling Ltd. | RIG NO.: 6

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R Mefferk | SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DAY	YEAR
4902	4902	0	402	33	12	11	71

DP / DC SIZE	WT. / FT	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
4 1/2	16.6	E	3.89.	6 1/4	X.H.	1	O.I.L Well	560P	8"
6 3/4	88	—	2 3/4	6 3/4	5H90	2	EMSCO	D300	16"

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED / SACKS	REMARKS
	9 5/8	36 40	49	1929	17.35	1929	975	

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	REAMING	Circulating on bottom			
4	CORING				
5	CLEAN TO BOTTOM AND CIRCULATING	4 1/2	5 1/2	2	12 1/4
6	TRIPS	3 1/4	2 1/4	5	10 1/2
7	RIG SERVICE	1/4			1/4
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.			1	1
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	2042			
CONTRACTOR'S EQUIPMENT	BOILER	8	8	8	

Contractor Strdy.

HOLE CONDITION

1	HOLE DRAG (1000#)	
2	TORQUE ON BOTTOM (DP TURNS)	
3	FILL ON BOTTOM (FEET)	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	SEC	12 1/4 x 6 3/8	3.35 FT.
1	DO	12 1/4 x 6 3/8	28.02 FT.
1	SO	12 1/4 x 6 3/8	6.15 FT.
1	R3	12 1/4 x 7	5.80 FT.
1	DM	12 1/4 x 7	30.86 FT.
17	DC	8 1/2 x 6 1/4	510.61 FT.
1	XO	8 1/2 x 6 5/8	2.45 FT.
45	DP	STANDS	FT.
1	DP	SINGLES	42 72.80 FT.
		KELLY DOWN	41.96 FT.
		TOTAL	4902 FT.
		WT. OF DC IN AIR	46 000 LBS.
		WT. OF STRING	126 000 LBS.

BIT RECORD

BIT NO.	9
SIZE	8 3/4
MFG.	Sec
TYPE	S44
JETS 1/32"	20 20 16
SERIAL NO.	360930
DEPTH OUT	
DEPTH IN	4797
TOTAL FTG.	105
TOTAL HRS. RUN	17 1/4
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME		4.00	6.00
WEIGHT		14.7	14.3
VIS.-SEC.		88	73
PV / YP			
GELS.			
W.L.-C.C.			
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Barite	5700 #		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
4902.														

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG FROM	TIME LOG TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12.00	12.15	1/4	7	Rig Ser.
12.15	1.30	1 1/4	6	P.O.H. To DCs
1.30	3.30	2	6	Gas kick R.I.H
3.30	8.00	4 1/2	5	Cir To Clean Gas Cut Mud Mix Wt Mat.

DRILLER: C Sprague

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	SEC	12 1/4 x 6 3/8	3.35 FT.
1	DO	12 1/4 x 6 3/8	28.02 FT.
1	SO	12 1/4 x 6 3/8	6.15 FT.
1	R3	12 1/4 x 7	5.80 FT.
1	DM	12 1/4 x 7	30.86 FT.
17	DC	8 1/2 x 6 1/4	510.61 FT.
1	XO	8 1/2 x 6 1/4	2.46 FT.
45	DP	STANDS	1773.80 FT.
1	DP	SINGLES	41.96 FT.
		KELLY DOWN	FT.
		TOTAL	4902 FT.
		WT. OF DC IN AIR	118 000 LBS.
		WT. OF STRING	126 LBS.

BIT RECORD

BIT NO.	9
SIZE	8 3/4
MFG.	Sec
TYPE	S44
JETS 1/32"	20 20 16
SERIAL NO.	360930
DEPTH OUT	4902
DEPTH IN	4797
TOTAL FTG.	105
TOTAL HRS. RUN	17 1/4
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	8	10	2
WEIGHT	15.1	15.2	13.6
VIS.-SEC.	63	47	55
PV / YP			
GELS.			
W.L.-C.C.			
PH	Gas cut after T.I.H.		
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Barite	17000 #		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
4902														

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG FROM	TIME LOG TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8.00	9.45	1 3/4	5	CIRC + COND. MUD
9.45	10.30	3/4	5	CLEAN DEGASSER COMP.
10.30	11.15	3/4	5	CIRC TO TRIP
11.15	12.30	1 1/4	6	PULL 16 STDS WELL NOT TAKING PROPER AMT FLUID
12.30	1.30	1	6	RUN BACK IN
1.30	4.00	2 1/2	5	CIRC GAS CUT MUD MIX WT MAT.

DRILLER: Paul Gay

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	SEC	12 1/4 x 6 3/8	3.35 FT.
1	DO	12 1/4 x 6 3/8	28.02 FT.
1	SO	12 1/4 x 6 3/8	6.15 FT.
1	R3	12 1/4 x 7	5.80 FT.
1	DM	12 1/4 x 7	30.86 FT.
17	DC	8 1/2 x 6 1/4	510.61 FT.
1	XO	8 1/2 x 6 5/8	2.45 FT.
45	DP	STANDS	FT.
1	DP	SINGLES	4272.80 FT.
		KELLY DOWN	41.96 FT.
		TOTAL	4902. FT.
		WT. OF DC IN AIR	48 000 LBS.
		WT. OF STRING	126 000 LBS.

BIT RECORD

BIT NO.	9
SIZE	8 3/4
MFG.	Sec.
TYPE	S44
JETS 1/32"	20 20 16
SERIAL NO.	360930
DEPTH OUT	4902
DEPTH IN	4797
TOTAL FTG.	105
TOTAL HRS. RUN	17 1/4
BIT CONDITION 1/8" T/B/GAGE	1 D
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	4.00		
WEIGHT	15.6		
VIS.-SEC.	55		
PV / YP			
GELS.			
W.L.-C.C.			
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Mat.	8200		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG FROM	TIME LOG TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4.00	6.00	2	5	CIRC + MIX WT MAT.
6.00	11.00	5	6	P.O.H. SLOW Strap Out. FOR DST.
11.00	12.00	1	15	Observe Well Check. B.O.Ps. & Motor Shut OFFs. OK
				Pipe Tally 4902.00
				Strap 4901.84 NO Corr.
				Diff. 16.

DRILLER: C Sprague

CP-38 (10/69)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAIN #1

LOCATION: LOT 723-200 REG II CTE LOTBINIERE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R Murphy

CONTRACTOR: RIGGENT DRILLING LTD.

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: J Hibbard

RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DAY	YEAR
4797	4902	155	402	32	12	10	71

DP / DC. SIZE	WT. / FT	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
4½	16.6	E	3.89	6¼	X.H.	1	DILWELL	560P	8
6¾	BB	—	2¾	6¾	5"H90	2	EMSCO	D700	16"

LAST CASING TUBING OR LINER: SIZE 9⅝ | WT. AND GR. 36/40 | NO. OF JOINTS 49 | FEET 1929 | RD. TO CSG. HEAD 17.35 | SET AT 1926 | CEMENT USED (SACKS) 975 | REMARKS: NONA

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	5	7¾	4¼	17
3	REAMING	¼			
4	CORING				
5	CLEAN TO BOTTOM AND CIRCULATING			1¾	1¾
6	TRIPS	1¾		1	2¾
7	RIG SERVICE	¼	1¼	¼	¾
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE	¾			¾
10	DEVIATION SURVEY			½	½
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
41	TUBING TRIPS				
42	TREATING				
43	SWABBING				
44	TESTING				
45					
60	ABANDON	Continuing Standby			
70	STANDBY				
TOTALS		8	8	9	24
HOURS FOR SHELL ACCOUNT		8	8	9	24

BOILER: Pump @ 500 lbs

HOLE CONDITION

1	HOLE DRAG (1000#)	
2	TORQUE ON BOTTOM (DP TURNS)	
3	FILL ON BOTTOM (FEET)	5'

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

				FT.
	BIT			
1	SEC	17	3.35	FT.
1	DO	17	29.02	FT.
1	SA	17	6.15	FT.
1	R3	17	5.80	FT.
1	DM	17	30.86	FT.
17	DC	17	510.61	FT.
1	XO	17	2.45	FT.
44	DP	STANDS		FT.
2	DP	SINGLES	4199.64	FT.
	KELLY DOWN		36.00	FT.
	TOTAL		4822.	FT.
	WT. OF DC IN AIR		40000	LBS.
	WT. OF STRING		112000	LBS.

BIT RECORD

BIT NO.	9
SIZE	8¾
MFG.	SEC
TYPE	S44
JETS 1/32"	20 20 16
SERIAL NO.	360930
DEPTH OUT	
DEPTH IN	4797
TOTAL FTG.	25
TOTAL HRS. RUN	5
BIT CONDITION 1/8" T/B/GAGE	D1/4
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	4:00		6:00
WEIGHT	15.		15.2
VIS.-SEC.	70		70
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED: TYPE | AMOUNT | TYPE | AMOUNT

MORNING TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
4797	4822	5			SHALE	60	35	1600		5¾	174			

DEVIATION RECORD: DEPTH | DEVIATION° | DIRECTION | DEPTH | DEVIATION° | DIRECTION | DEPTH | DEVIATION° | DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12	12 15	¼	7	RIG SER
12 15	1.00	¾	9	SLIP + CUT LINE
1.00	2 45	1¾	6	RUN IN
2 45	3 00	¼	3	REAM TO BOTTOM
3 00	8 00	5	2	DRILL 8¾" HOLE

DRILLER: Jack Hunt

DAY TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
4822	4871	7¾	D		Shale	60/80	35/40	1600/1800		5¾	139/145			

DEVIATION RECORD: DEPTH | DEVIATION° | DIRECTION | DEPTH | DEVIATION° | DIRECTION | DEPTH | DEVIATION° | DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8 00	8 15	¼	7	Rig Ser.
8 15	4 00	7¾	2	Dr Lg

DRILLER: C Sprague

EVENING TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
4871	4902	4½	D		SHALE	80	40	1600		5¾	6	6	40	Comp

DEVIATION RECORD: DEPTH | DEVIATION° | DIRECTION | DEPTH | DEVIATION° | DIRECTION | DEPTH | DEVIATION° | DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4 00	4 15	¼	7	RIG. SER.
4 15	8 45	4½	2	DRLG
8 45	10 30	1¾	5	CIRC FOR TEST
10 30	11 00	½	10	DROP SURVEY + PILL
11 00	12 00	1		P.O.H. FOR TEST DOUBLE STRAP

DRILLER: Pulloy

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
CAUSTIC		100 lbs	
MEDIUM CARB		100 lbs	
MUD WATER		2000 bbl	

CP-30 (10/69)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISIE ROMAIN #1

LOCATION: LOT 723-200 REG II CTE LOTBINIERE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mayerick

CONTRACTOR: REGENT DRILLING LTD

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: L. Hubbard

RIG NO: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DAY	YEAR
4747	4797	50	384	31	12	9	71

DP / DC SIZE	WT./FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OILWELL	560P	8"
2	EMSCO	D700	16"

	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT (SIZE + SACKS)
LAST CASING TUBING OR LINER	9 5/8	36/40	49	1929		1926	975

REMARKS: 3574

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7 3/4	7 3/4	3	18 1/2
3	REAMING				
4	CORING				
5	CLEAN TO BOTTOM AND CIRCULATING				
6	TRIPS			4 1/2	4 1/2
7	RIG SERVICE	1/4	1/4		1/2
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY			1/2	1/2
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
TOTALS		8	8	8	24
HOURS FOR SHELL ACCOUNT					
CONTRACTOR CHARGES	BOILER	8	8	8	
	Centrifuge operating				24

HOLE CONDITION

1	HOLE DRAG (1000#)
2	TORQUE ON BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT				FT.
1	SEC	2 1/2 x 6 7/8	3.35	FT.
1	DO	2 1/2 x 6 7/8	28.02	FT.
1	SD	2 1/2 x 6 7/8	6.15	FT.
1	R3	2 1/2 x 7	5.80	FT.
1	JM	2 1/2 x 7	6.05	FT.
1	DM	2 1/2 x 7	30.86	FT.
17	DC	2 1/2 x 6 1/4	510.61	FT.
1	XO		2.45	FT.
44	DP STANDS		4137.20	FT.
	DP SINGLES			FT.
KELLY DOWN			4200	FT.
TOTAL			4772.53	
WT. OF DC IN AIR			40000	LBS.
WT. OF STRING			126000	LBS.

BIT RECORD

BIT NO.	4
SIZE	8 3/4
MFG.	SEC
TYPE	S44
JETS 1/32"	4 OPEN
SERIAL NO.	360963
DEPTH OUT	
DEPTH IN	4722
TOTAL FTG.	50
TOTAL HRS. RUN	16
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	15.1	14.9	16.1
WEIGHT	60	54	56
VIS.-SEC			
PV/YP			
GELS			
W.L.-C.C.			
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
99 [illegible] wat mat			
1200 # GEL			
50 # CAUSTIC			

MORNING TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
4747	4772	7 3/4				60	40	1300		5 3/4	164			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12 00	1 30	1 1/2	2	DRILL 8 3/4" HOLE
1 30	1 45	1/4	7	RIG SER
1 45	8 00	6 1/4	2	DRILL 8 3/4" HOLE

DRILLER: [illegible]

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT				FT.
1	SEC	2 1/2 x 6 7/8	3.35	FT.
1	DO	2 1/2 x 6 7/8	28.02	FT.
1	SD	2 1/2 x 6 7/8	6.15	FT.
1	R3	2 1/2 x 7	5.80	FT.
1	JM	2 1/2 x 7	6.05	FT.
1	DM	2 1/2 x 7	30.86	FT.
17	DC	2 1/2 x 6 1/4	510.61	FT.
1	XO		2.45	FT.
44	DP STANDS		4168.79	FT.
	DP SINGLES			FT.
KELLY DOWN			27.92	FT.
TOTAL			4797	
WT. OF DC IN AIR			40000	LBS.
WT. OF STRING			126000	LBS.

BIT RECORD

BIT NO.	8
SIZE	8 3/4
MFG.	Sec
TYPE	S44
JETS 1/32"	OPEN
SERIAL NO.	360963
DEPTH OUT	
DEPTH IN	4722
TOTAL FTG.	68
TOTAL HRS. RUN	23 3/4
BIT CONDITION 1/8" T/B/GAGE	Drlg.
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	10 00	12 00	3 00
WEIGHT	14.5	14.4	14.3
VIS.-SEC	47	50	65
PV/YP			
GELS			
W.L.-C.C.			45
PH			11.5
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Borite	18000		
Caustic	150		
Poly	100		

DAY TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
4772	4790	7 3/4	D		Shale	60	40	1200		5 3/4	165			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8 00	8 15	1/4	7	Rig Ser.
8 15	4 00	7 3/4	2	Drlg. CENT. OF 9.8 PPG

DRILLER: C. Sprague

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT				FT.
1	SEC	2 1/2 x 6 7/8	3.35	FT.
1	DO	2 1/2 x 6 7/8	28.02	FT.
1	SD	2 1/2 x 6 7/8	6.15	FT.
1	R3	2 1/2 x 7	5.80	FT.
1	DM	2 1/2 x 7	30.86	FT.
17	DC	2 1/2 x 6 1/4	510.61	FT.
1	XO		2.45	FT.
44	DP STANDS		4168.79	FT.
	DP SINGLES			FT.
KELLY DOWN			41	FT.
TOTAL			4797	FT.
WT. OF DC IN AIR			40	LBS.
WT. OF STRING			126	LBS.

BIT RECORD

BIT NO.	8	9
SIZE	8 3/4	8 3/4
MFG.	Sec	Sec
TYPE	S44	S44
JETS 1/32"	OPEN	20 20 16
SERIAL NO.	360963	360792
DEPTH OUT	4797	
DEPTH IN	4722	4747
TOTAL FTG.	75	
TOTAL HRS. RUN	16 3/4	
BIT CONDITION 1/8" T/B/GAGE	1 1 D	
REAMER CUTTER NO.		
REAMER TYPE		

MUD RECORD

TIME	4	6
WEIGHT	14.6	15.0
VIS.-SEC	50	54
PV/YP		
GELS		
W.L.-C.C.		
PH		
% SOLIDS		
% SAND		

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

EVENING TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
4790	4797	3	D		SHALE	60	40	1200		5 3/4	165			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
4747	6°	N 59° W						

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4 00	7 00	3	2	DRILL 8 3/4" HOLE
7 00	7 30	1/2	10	DROP ARC. SURVEY
7 30	10 30	3	6	POH
10 30	11 00	1/2	6	CHANGE BIT LAY DOWN JARS
11 00	12 00	1	6	RUN IN TO 1900

DRILLER: [illegible]

CP-38 (10/69)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAIN #1

LOCATION: LOT 123-200 REG. LE CTE LOTBINIERE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

CONTRACTOR: REGENT DRILLING LTD.

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: [signature]

RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DAY	YEAR
4722	4747	25	366 1/4	30	12	8	71

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OILWELL	360A9	8
2	EMSCO	700	16

LAST CASING TUBING OR LINER

SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)
9 5/8	36/40	49	1929		1926	975

REMARKS:

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL		1/2	7 3/4	8 1/4
3	REAMING				
4	CORING				
5	CLEAN TO BOTTOM AND CIRCULATING	3	6		9
6	TRIPS	5	1 1/2	6 1/2	12
7	RIG SERVICE			1/4	1/4
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT			24 RIG	
CONTRACTOR	BOILER	8	8	8	

HOLE CONDITION

1	HOLE DRAG (1000#)
2	TORQUE ON BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1		9 7/8 I.D. 2 7/8 6 1/4 O.D.	3.35
1	DQ	8 3/4 I.D. 2 7/8 6 1/4 O.D.	28.02
1	SQ	8 3/4 I.D. 2 7/8 6 1/4 O.D.	6.15
1	R3	8 3/4 I.D. 3 1/4 7 O.D.	5.80
1	JM	8 3/4 I.D. 2 7/8 7 O.D.	6.05
1	DM	8 3/4 I.D. 2 7/8 7 O.D.	30.86
17	DC	8 3/4 I.D. 2 7/8 6 1/2 O.D.	510.61
10	DP	5 1/2 I.D. 4 1/2 O.D.	2.45
#2			
2	DP	SINGLES	4105.87
	KELLY DOWN		
	TOTAL		4722 FT.
	WT. OF DC IN AIR	40 000 LBS.	
	WT. OF STRING	126 000 LBS.	

BIT RECORD

BIT NO.	7	8
SIZE	8 3/4	8 3/4
MFG.	SEC	SEC
TYPE	S44	S44
JETS 1/32"	12/12/11	OPEN
SERIAL NO.	360931	360944
DEPTH OUT	4722	
DEPTH IN	4259	4722
TOTAL FTG.	463	0
TOTAL HRS. RUN	28 1/4	0
BIT CONDITION 1/8" T/B/GAGE		
REAMER CUTTER NO.		
REAMER TYPE		

MUD RECORD

TIME	12	3	
WEIGHT	14+	14.9	
VIS.-SEC.	49	51	
PV/YP	/	/	/
GELS.	/	/	/
W.L.-C.C.			
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	17200 #		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12 00	3 00	3	5	CIRC. + MIX WT. MAT
3 00	8 00	5	6	PULL OUT of Hole CHG. BITS + RUN IN

DRILLER: Joe Robert

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	DC	8 3/4 I.D. 2 7/8 6 1/2 O.D.	3.35
1	DQ	8 3/4 I.D. 2 7/8 6 1/2 O.D.	28.02
1	SQ	8 3/4 I.D. 2 7/8 6 1/2 O.D.	6.15
1	R3	8 3/4 I.D. 3 1/4 7 O.D.	5.80
1	JM	8 3/4 I.D. 2 7/8 7 O.D.	6.05
1	DM	8 3/4 I.D. 2 7/8 7 O.D.	30.86
17	DC	8 3/4 I.D. 2 7/8 6 1/2 O.D.	510.61
10	DP	5 1/2 I.D. 4 1/2 O.D.	245
#3			
2	DP	SINGLES	4105.87
	KELLY DOWN		24.84
	TOTAL		4224. FT.
	WT. OF DC IN AIR	40 000 LBS.	
	WT. OF STRING	126 000 LBS.	

BIT RECORD

BIT NO.	8
SIZE	8 3/4
MFG.	Sec.
TYPE	S44
JETS 1/32"	OPEN
SERIAL NO.	360963
DEPTH OUT	
DEPTH IN	4722
TOTAL FTG.	2
TOTAL HRS. RUN	1/2
BIT CONDITION 1/8" T/B/GAGE	D/L/G
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	10	12	2 00
WEIGHT	14	14.3	14.5
VIS.-SEC.	65	70	70
PV/YP	/	/	/
GELS.	/	/	/
W.L.-C.C.			
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
4722	4724	1/2	D		Shale.	70	25	900		5 3/4	145			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8 00	9 30	1 1/2	6	R I H.
9 30	12 00	2 1/2	5	Cir To Clean Gas cut Mud.
12 00	1 00	1	5	Close Rams Cir Chokes.
1 00				Shut Down + Blow Flare. Lines + Chokes W/Steam.
	3 30	2 1/2	5	Displace Diesel. Change Kelly Cock.
3 30	2 00	1/2	2	Drlg.

DRILLER: C. Sprague

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	SQ	8 3/4 I.D. 2 7/8 6 1/4 O.D.	3.35
1	DQ	8 3/4 I.D. 2 7/8 6 1/4 O.D.	28.02
1	SQ	8 3/4 I.D. 2 7/8 6 1/4 O.D.	6.15
1	R3	8 3/4 I.D. 3 1/4 7 O.D.	5.80
1	JM	8 3/4 I.D. 2 7/8 7 O.D.	6.05
1	DM	8 3/4 I.D. 2 7/8 7 O.D.	30.86
17	DC	8 3/4 I.D. 2 7/8 6 1/4 O.D.	510.16
1	XO	5 1/2 I.D. 4 1/2 O.D.	2.45
41	DP	SINGLES	4137
	KELLY DOWN		17
	TOTAL		FT.
	WT. OF DC IN AIR	40	LBS
	WT. OF STRING	126	LBS

BIT RECORD

BIT NO.	8
SIZE	8 3/4
MFG.	SEC
TYPE	S44
JETS 1/32"	OPEN
SERIAL NO.	360963
DEPTH OUT	
DEPTH IN	4722
TOTAL FTG.	25
TOTAL HRS. RUN	9 1/4
BIT CONDITION 1/8" T/B/GAGE	D/L/G
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	4 00	7	10
WEIGHT	14.4	14.8	14.9
VIS.-SEC.	47	50	62
PV/YP	/	/	/
GELS.	/	/	/
W.L.-C.C.			
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
WT MAT	29000 #		
POTASH	1500 #		
POLYMER	150 #		
PREMIXED GEL	400 BBLS		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
4724	4747	7 3/4	D		SHALE	63	35/40	1400		5 3/4	162	6		Comp

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4 00	4 15	1/4	7	SERVICE RIG + BOPS.
4 15	12 00	7 3/4	2	DRILLING 8 3/4" HOLE

3 MEN WORKED OVER TO 1500K
UP GAS MEASURING
UNIT REPAIR
KILL LINE

DRILLER: Paul Gray

CP-38 (10/69)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAIN #
LOCATION: LOT 723-200 REG 11 CTE LOTBINIERE
PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited
SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Murphy
CONTRACTOR: REGENT DRILLING LTD.
SIGNATURE OF CONTRACTOR'S TOOL PUSHER: J. Hebert
RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DAY	YEAR
4722				29	12	7	71

DP / DC. SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	BY HOURS / LENGTH
4½	16.60	E	3.836	6 1/8	X.H.		OILWELL	5 COP	8"
6 3/4	88		2.75	6 3/8	3½ REG	2	EMSCO	D 700	16"

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	9 5/8	36/40	49	1929		1926	985	

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	REAMING				
4	CORING				
5	CLEAN TO BOTTOM AND CIRCULATING	7¾	6	5¼	
6	TRIPS	1/4	2	2¼	4½
7	RIG SERVICE				
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	
	HOURS FOR SHELL ACCOUNT	20½		24	
CONTRACTOR	BOILER	8	8	8	

HOLE CONDITION

1	HOLE DRAG (1000#)
2	TORQUE ON BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	DCJ	3 7/8	3.35
1	DQ	7 7/8	280.2
1	SD	7 7/8	6.15
1	R3	7 7/8	5.80
1	JM	7 7/8	6.05
1	DM	7 7/8	30.86
17	DC	7 7/8	510.61
1	XO	7 7/8	2.45
42	DP	SINGLES	4105.87
	KELLY DOWN		22.84
	TOTAL		4722
	WT. OF DC IN AIR		40 000 LBS
	WT. OF STRING		126 000 LBS

BIT RECORD

BIT NO.	7
SIZE	9 3/4
MFG.	SEC
TYPE	S44
JETS 1/32"	13 12 11
SERIAL NO.	366931
DEPTH OUT	
DEPTH IN	4259
TOTAL FTG.	
TOTAL HRS. RUN	29½
BIT CONDITION I/ 8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

	12 MID	2 AM	6 AM
WEIGHT	13.5	13.6	13.6
VIS.-SEC	54	57	60
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
PH			
% SOLIDS			
% SAND	GEL 3000 #		

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
LOT ASH	3		
Polymer	50		
CAUSTIC	150		
wt mat	2		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
								1500		5½	80			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

TIME LOG FROM	TO	ELAPSED TIME	CODE	
12½	5 00	5		CIRC THROUGH CHOKS + MIX WT. MAT.
5 00	6 30	1½		STOP CIRC. OPEN RAMS
6 30	7 45	1¼		CIRC. THROUGH CHOKS + MIX WT. MAT
7 45	8 00	¼		STOP CIRC. TO PULL 10 STANDS

DRILLER: Jack Hebert

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	DCJ	3 7/8	3.35
1	DQ	7 7/8	28.02
1	SD	7 7/8	6.15
1	R3	7 7/8	5.80
1	JM	7 7/8	6.05
1	DM	7 7/8	30.86
17	DC	7 7/8	510.61
1	XO	7 7/8	2.45
42	DP	SINGLES	4105.87
	KELLY DOWN		22.84
	TOTAL		4722
	WT. OF DC IN AIR		40 000 LBS
	WT. OF STRING		126 000 LBS

BIT RECORD

BIT NO.	7
SIZE	8 3/4
MFG.	SEC
TYPE	S44
JETS 1/32"	12 12 11
SERIAL NO.	366931
DEPTH OUT	
DEPTH IN	4259
TOTAL FTG.	463
TOTAL HRS. RUN	38¼
BIT CONDITION I/ 8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

	10 00	2 00	4 00
WEIGHT	13.6	13.6	13.8
VIS.-SEC	54	61	60
PV/YP			
GELS			
W.L.-C.C.			
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Barite	26000		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

TIME LOG FROM	TO	ELAPSED TIME	CODE	
8 00	9 00	1	6	POH. 10 Stds.
9 00	9 15	¼		Observe Well.
9 15	10 00	¾	6	R.I.H.
10 00	10 15	¼	5	Cir Flow Line. Well Kicking
10 15	12 00	1¾	5	Close Rams Cir Chokes Mix Wt Mat.
12 00	2 00	2	5	Open Rams. Cir. Move Pipe Mix Wt Mat.
2 00	4 00	2	5	Close Rams Cir Chokes Mix Wt Mat

DRILLER: C. Sprague

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	DCJ	3 7/8	3.35
1	DQ	7 7/8	28.02
1	SD	7 7/8	6.15
1	R3	7 7/8	5.80
1	JM	7 7/8	6.05
1	DM	7 7/8	30.86
17	DC	7 7/8	510.61
1	XO	7 7/8	2.45
42	DP	SINGLES	4105.87
	KELLY DOWN		22.84
	TOTAL		4722
	WT. OF DC IN AIR		40 LBS
	WT. OF STRING		126 LBS

BIT RECORD

BIT NO.	7
SIZE	8 3/4
MFG.	SEC
TYPE	S44
JETS 1/32"	12 12 11
SERIAL NO.	366931
DEPTH OUT	
DEPTH IN	4259
TOTAL FTG.	463
TOTAL HRS. RUN	
BIT CONDITION I/ 8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

	5	7
WEIGHT	13.2	13
VIS.-SEC	54	54
PV/YP	/	/
GELS	/	/
W.L.-C.C.		
PH		
% SOLIDS		
% SAND		

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	23000 #		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

TIME LOG FROM	TO	ELAPSED TIME	CODE	
4 00	6 15	2¼	5	OPEN RAMS MOVE PIPE MIX WT MAT.
6 15	8 30	2¼	5	CIRC FLOW LINE
8 30	10 00	1½	6	POH 25 STDS OBSERVE @ 10 - 20 - 25 MIN EACH
10 00	10 45	¾	6	RUN IN HOLE
10 45	11 00	¼	5	CIRC FLOWLINE WELL KICKING
11 00	12 00	1	5	CLOSE RAMS CIR CHOKES MIX WT MAT

DRILLER: C. Sprague

CF-38 (9/70)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAIN #1

LOCATION: LOT 123 - 200 RGE II CTE LOTBINIERE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

CONTRACTOR: REGENT DRILLING LTD.

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE:

RIG NO.: 5A

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
4722				28	12	6	71

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT. O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
4½	16.60					1	OILWELL	560P	8"
						2	EMSCO	D700	16"

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	~~9⅝~~	36/40	49	1929		1926	975	
	9⅝			1929				

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING	4	8	9	24
6	TRIPS				
7	RIG SERVICE				
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				5
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	2842			
BOILER HOURS	BOILER	8	8		

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	PDC	I.D. 7 O.D. 8½	335 FT
1	DO	I.D. 12 O.D. 6¾	2403 FT
1	SO	I.D. 12 O.D. 6¾	6.15 FT
1	RR	I.D. 12 O.D. 7 7/8	580 FT
1	JM	I.D. 12 O.D. 7	6.05 FT
1	DM	I.D. 12 O.D. 7	3048 FT
17	DC	I.D. 2¼ O.D. 6¾	510.61 FT
1	XO	I.D. 2¼ O.D. 6¾	2.45 FT
		I.D. X O.D.	FT
		I.D. X O.D.	FT
42	D.P.	STANDS	FT
2	D.P.	SINGLES	41.05.87
		KELLY DOWN	22.84
		TOTAL	4722 FT
		WT. OF DC	40,000 LBS
		WT. OF STRING	126,000 LBS

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

	12 MID	2 AM	6 AM
TIME			
WEIGHT	12.6	12.7	12.7+
FUNNEL VIS.-SEC.	50	51	50
PV/YP	/	/	/
GELS.			
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
WT MAT	2,600#		

FOOTAGE

FROM	TO	HOT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
4722														

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
5	12 00	12 15	¼	CIRC. THROUGH FLOWLINE
"	12 15	5 30	5¼	CLOSE PIPE RAMS + CIRC THROUGH CHOKE + MIX WT MAT
"	5 30			OPEN PIPE RAMS + CIRC. THROUGH FLOWLINE +
"	6 30	8 00	1	MIX WT. MAT.
"	6 30	8 00	1½	CLOSE PIPE RAM + CIRC. THROUGH CHOKES +
				MIX WT. MAT.

DRILLER: [illegible]

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	RR	I.D. 7 O.D. 8½	335 FT
1	DO	I.D. 12 O.D. 6¾	28.02 FT
1	SO	I.D. 12 O.D. 6¾	6.15 FT
1	RR	I.D. 12 O.D. 7 7/8	580 FT
1	JM	I.D. 12 O.D. 7	6.05 FT
1	DM	I.D. 12 O.D. 7	3086 FT
17	DC	I.D. 2¼ O.D. 6¾	510.61 FT
1	XO	I.D. 2¼ O.D. 6¾	2.45 FT
		I.D. X O.D.	FT
		I.D. X O.D.	FT
42	D.P.	STANDS	FT
2	D.P.	SINGLES	4105.87
		KELLY DOWN	22.84
		TOTAL	4722 FT
		WT. OF DC	40000 LBS
		WT. OF STRING	126000 LBS

BIT RECORD

BIT NO.	7
SIZE	8¾
MFG.	SEC
TYPE	544
SERIAL NO.	360931
JETS 1/32"	12 12 11
DEPTH OUT	
DEPTH IN	4259
TOTAL FOOTAGE	463
TOTAL HRS. RUN	28½
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

	8 00	12 00	4 00
TIME			
WEIGHT	12.8	12.6	13.
FUNNEL VIS.-SEC.	56	50	54
PV/YP	/	/	/
GELS.			
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Bel	3800		
Barite	53900		
Caustic	100		

FOOTAGE

FROM	TO	HOT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
5	8 00	11 00	3	Cir Chokes + Mix WT Mat
	11 00	11 30	½	Open Rams Cir + Move Pipe Mix WT Mat
	11 30	12 30	1	Close Rams Cir Through Chokes Mix
				Wt Mat.
	12 30	1 30	1	Open Rams Cir Mix Wt Mat
	1 30	3 30	2	Close Rams Cir Through Chokes Mix Wt Mat
	3 30	4 30	½	Open Rams Cir + Move Pipe

DRILLER: [illegible]

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	RR	I.D. 7 O.D. 8½	335 FT
1	DO	I.D. 12 O.D. 6¾	2403 FT
1	SO	I.D. 12 O.D. 6¾	6.15 FT
1	RR	I.D. 12 O.D. 7 7/8	580 FT
1	JM	I.D. 12 O.D. 7	6.05 FT
1	DM	I.D. 12 O.D. 7	3086 FT
17	DC	I.D. 2¼ O.D. 6¾	510.61 FT
1	XO	I.D. 2¼ O.D. 6¾	2.45 FT
		I.D. X O.D.	FT
		I.D. X O.D.	FT
42	D.P.	STANDS	FT
2	D.P.	SINGLES	4105.87
		KELLY DOWN	22.84
		TOTAL	4722 FT
		WT. OF DC	40 LBS
		WT. OF STRING	126 LBS

BIT RECORD

BIT NO.	7
SIZE	8¾
MFG.	SEC
TYPE	544
SERIAL NO.	360931
JETS 1/32"	12 12 11
DEPTH OUT	
DEPTH IN	4259
TOTAL FOOTAGE	463
TOTAL HRS. RUN	28½
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

	8	2	11
TIME			
WEIGHT	13.1	13.2	13.3
FUNNEL VIS.-SEC.	45	46	44
PV/YP	/	/	/
GELS.			
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
WT	2600#		
BTASH	900#		
CAUSTIC	150#		
MBSO	100#		

EVENING TOUR

FOOTAGE

FROM	TO	HOT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
5	4 00	6 00	2	CIRC THRU CHOKES + MIX WT MAT.
	6 00	6 15	¼	OPEN PIPE RAMS CHECK ID OF KELLY COCK 2 1/16
				MOVE PIPE CLOSE PIPE RAMS CIRC MIX MUD
	6 45	8 45	2	OPEN BOPS + OBSERVE GAS COMING TO SURFACE / DO NOT FLOWING
	8 45	12 00	3¼	CLOSE PIPE RAMS CIRC THROUGH CHOKES MIX WT MAT.

DRILLER: [illegible]

DAILY DRILLING REPORT

(P-38 (9/70))

WELL NAME: SHELL STE FRANCOISE ROMAINE #1

LOCATION: LOT 723-200 RGE-11-CTE-LOBINIERE — PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited — CONTRACTOR: REGENT DRILLING LTD. — RIG NO. 6

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Murphy — SIGNATURE OF CONTRACTOR'S REPRESENTATIVE:

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
4722	4722	NIL	357¼	27	12	5	71

DP / DC SIZE	WT / FT	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
4½	16.6	E	3.826	6¼	X.H	1	OILWELL	560M	8"
6¾	89		2.25	6¾	4"H90	2	ENSCO	D700	16"

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT (SEED + SACKS)	REMARKS
	9⅝	36/40	49	1929		1926	975	
							975	

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING	9	7¼	7½	23¾
6	TRIPS				
7	RIG SERVICE				
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23		3¼	½	1¼	4¾
24	WAIT ON WEATHER				
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	9	8	7¼	24
	HOURS FOR SHELL ACCOUNT	2042			24
	BOILER	8	8	8	

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT
1	OSC	3 7/8 6 7/8	3.35
1	OD	3 7/8 6 7/8	24.02
1	SD	3 7/8 6 7/8	6.15
1	A3	3 7/8 7"	5.80
1	TM	3 7/8 7"	6.05
1	DM	3 7/8 7"	30.86
17	DC	3 7/8 6 7/8	510.69
1	XO	3 7/8 6 7/8	2.45
		I.D. O.D.	
		I.D. O.D.	
43	D.P.	STANDS	
2	D.P.	SINGLES	4105.87
	KELLY DOWN		22.94
	TOTAL		4722 FT
	WT. OF DC		40 000 LBS
	WT. OF STRING		126 000 LBS

BIT RECORD

BIT NO.	7
SIZE	8¾
MFG.	SEC
TYPE	S44
SERIAL NO.	360931
JETS 1/32"	12/12/11
DEPTH OUT	
DEPTH IN	4259
TOTAL FOOTAGE	
TOTAL HRS. RUN	28½
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1. HOLE DRAG (1000#)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME			
WEIGHT	12.0	12.2	12.2
FUNNEL VIS.-SEC.	57	57	54
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
GEL	200#		
WT MAT	650 000#		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
	4722													

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	12 00			CIRCULATION THROUGH CHOKE HOLDING BACK PRESSURE
	1 15	1 15	1¼	MIX WT. MAT.
	1 15			CIRCULATION ONE CIRCULATION THROUGH CHOKE
24		5 15	4	WITH 12.2 POUND MUD
	5 15			SHUT IN + DRILLPIPE PRESSURE FOR 15 MIN - 50#
		5 30	¼	OPEN HYDRIL + CIRC. SLOWLY
	5 30			CLOSE HYDRIL + CIRC. THROUGH SWACO CHOKE
		8 00	2½	MIX WT. MAT. holding 175 PSI Back pressure

DRILLER: [signature]

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT
1	OSC	3 7/8 6 7/8	3.35
1	OD	3 7/8 6 7/8	28.02
1	SD	3 7/8 6 7/8	6.15
1	A3	3 7/8 7"	5.80
1	TM	3 7/8 7"	6.05
1	DM	3 7/8 7"	30.86
17	DC	3 7/8 6 7/8	510.61
1	XO	3 7/8 6 7/8	2.45
		I.D. O.D.	
		I.D. O.D.	
43	D.P.	STANDS	
2	D.P.	SINGLES	4105.81
	KELLY DOWN		22.84
	TOTAL		4722.00 FT
	WT. OF DC		40 000 LBS
	WT. OF STRING		126 000 LBS

BIT RECORD

BIT NO.	7
SIZE	8¾
MFG.	Sec.
TYPE	S44
SERIAL NO.	360931
JETS 1/32"	12 12 11
DEPTH OUT	
DEPTH IN	4259
TOTAL FOOTAGE	463
TOTAL HRS. RUN	28¼
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1. HOLE DRAG (1000#)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME	8 00	12 00	4 00
WEIGHT	12.2	12.4	12.7
FUNNEL VIS.-SEC.	60	60	63
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
WT MAT	475		
POLYMER	100#		
CAUSTIC	200#		
MIL-PAC REGULAR	125#		

DAY TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
5	8 00	10 00	2	Cir through Choke + Mix WT MAT
24	10 00	10 15	¼	Shut in 15 min Back PSI 110
5	10 15	2 00	3¾	Cir + Mix WT MAT
23	2 00	2 30	½	Open Hyd + Move Pipe
5	2 30	4 00	1½	Close Pipe Rams + Cir 12.6 WT Mud.
Code 24				

DRILLER: [signature]

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT
1	OSC	3 7/8 6 7/8	3.35
1	OD	3 7/8 6 7/8	24.02
1	SD	3 7/8 6 7/8	6.15
1	A3	3 7/8 7"	5.80
1	TM	3 7/8 7"	6.05
1	DM	3 7/8 7"	30.86
17	DC	3 7/8 6 7/8	510.61
1	XO	3 7/8 6 7/8	2.45
		I.D. O.D.	
		I.D. O.D.	
43	D.P.	STANDS	
2	D.P.	SINGLES	4105.81
	KELLY DOWN		22.84
	TOTAL		FT
	WT. OF DC		LBS.
	WT. OF STRING		LBS.

BIT RECORD

BIT NO.	7
SIZE	8¾
MFG.	Sec.
TYPE	S44
SERIAL NO.	360931
JETS 1/32"	12 12 11
DEPTH OUT	
DEPTH IN	4259
TOTAL FOOTAGE	463
TOTAL HRS. RUN	28¼
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1. HOLE DRAG (1000#)
2. TORQUE AT BOTTOM (DP TURNS)
3. FILL ON BOTTOM (FEET)

MUD RECORD

TIME	4	7	10
WEIGHT	12.6	13.6	12.4
FUNNEL VIS.-SEC.	62	50	55
PV/YP			
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"	2/32		
PH	11		
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
WT MAT	1900 #		
BARITE	500#		
DRISPAC	100#		

EVENING TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
	4722													

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
5	4 00	7 30	3½	CIRC THROUGH CHOKE & MIX WT MAT. PIPE RAMS CLOSED
23	7 30	7 45	¼	SHUT IN 15 MIN 100 PSI OPEN PIPE RAMS + MOVE PIPE
5	7 45	10 00	2¼	CLOSE PIPE RAMS CIRC THR. CHOKE MIX WT MAT 94 MIN. SH
5D	10 00	11 00	1	OPEN PIPE RAMS CIRC THR. FLOW LINE MIX WT. MAT
23	11 30	11 45	¼	SHUT IN MD BUILD UP
5	11 45	12 00	¼	MIX MUD CIRC THRU FLOW LINE
Code R4				

DRILLER: [signature]

CP-38 (9/70)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE #1

LOCATION: LOT 723 - 200 RGE II - CTE LORINEIRE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

CONTRACTOR: REGENT DRILLING LTD.

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: [signature]

RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
4532				26	12	4	71

DP / DC. SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OILWELL	560P	8"
2	EMSCO	D700	16"

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	9 5/8	36/40	49	1929		1926	975	

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7	5 3/4		12 3/4
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAR TO BOTTOM & CIRCULATING		1 1/2	8	9 1/2
6	TRIPS				
7	RIG SERVICE		1/4		1/4
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY	1	1/2		1 1/2
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				24
CONTRACTOR'S OPERATIONS	BOILER	8	8	8	24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT	FT.
1 DE 13 3/4 x 6 1/4	3.75
1 DQ 13 3/4 x 6 1/4	28.07
1 SQ 13 3/4 x 6 1/4	6.15
1 R3 13 3/4 x 7	5.80
1 JM 13 3/4 x 7 D.D.	6.05
1 DM 13 3/4 x 7 D.D.	30.86
17 DC 9 1/2 x 6 3/4	510.61
1 KO 9 5/8 x 2 3/4	2.45
I.D. x O.D.	
92 D.P. STANDS	
2 D.P. SINGLES	4012.59
KELLY DOWN	35.00
TOTAL	4640.88
WT. OF DC	40 000 LBS
WT. OF STRING	122 000 LBS

BIT RECORD

BIT NO.	7
SIZE	8 3/4
MFG.	SEC
TYPE	S44
SERIAL NO.	360931
JETS 1/32"	12 12 11
DEPTH OUT	
DEPTH IN	4259
TOTAL FOOTAGE	4640
TOTAL HRS. RUN	22 3/4
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000 #)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	9.6	9.8	9.9
WEIGHT			
FUNNEL VIS.-SEC.	34	34	43
PV/YP			
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Bent	1000	Bicarb	400 #
GEL			

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
4532					SHALE	25/35	80	1600		5 3/4	154			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
4504	6 1/4	N 60° W	4585	6 1/4	°						

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
2	8 00	1 15	1 1/4	DRILL 8 3/4" HOLE
10	1 15	1 45	1/2	SURVEY DRIG.
2	1 45	3 45	2	DRILL 8 3/4" HOLE
10	3 45	4 15	1/2	SURVEY TOTCO
2	4 15	8 00	3 3/4	DRILL 8 3/4" HOLE

DRILLER: Joe Kohut

DAY TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT	FT.
1 DE 13 3/4 x 6 1/4	3.75
1 DQ 13 3/4 x 6 1/4	28.02
1 SQ 13 3/4 x 6 1/4	6.15
1 R3 13 3/4 x 7	5.80
1 JM 13 3/4 x 7 D.D.	6.05
1 DM 13 3/4 x 7 D.D.	30.86
17 DC 9 1/2 x 6 3/4	510.61
1 KO 9 5/8 x 2 3/4	2.45
I.D. x O.D.	
43 D.P. STANDS	
2 D.P. SINGLES	4105.87
KELLY DOWN	22.84
TOTAL	4722
WT. OF DC	40 000 LBS
WT. OF STRING	134 000 LBS

BIT RECORD

BIT NO.	7
SIZE	8 3/4
MFG.	SEC.
TYPE	S44
SERIAL NO.	360931
JETS 1/32"	12 12 11
DEPTH OUT	
DEPTH IN	4259
TOTAL FOOTAGE	463
TOTAL HRS. RUN	28 1/4
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000 #)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	8 00	12 00	2 00
WEIGHT	9.9	9.9	9.9
FUNNEL VIS.-SEC.	38	40	40
PV/YP			
GELS			
W.L.-C.C.	50		
F.C. 1/32"			
PH	8.5		
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Barite	750 00		

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
4640	4722	5 3/4	D		Shale	25	70	1700		5 3/4	157			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
4647	6°	6									

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	8 00	8 15	1/4	Rig Ser.
2	8 15	8 45	1/2	Drlg.
10	8 45	9 15	1/2	TOTCO @ 4647.
2	9 15	2 30	5 1/4	Drlg.
5	2 30			Pull Kelly Above Table & Close Hyd. Shut IN 15 MIN. Built up 450 ANN. P.S.I. Cir through SWACO chock. Raise Vis.
		4 00	1 1/2	W/ Pre Mix & Build Mud Wt.

DRILLER: C Sprague

EVENING TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT	FT.
1 DE 13 3/4 x 6 1/4	3.75
1 DQ 13 3/4 x 6 1/4	28.02
1 SQ 13 3/4 x 6 1/4	6.15
1 R3 13 3/4 x 7	5.80
1 JM 13 3/4 x 7 D.D.	6.05
1 DM 13 3/4 x 7 D.D.	30.86
17 DC 9 1/2 x 6 3/4	510.61
1 KO 9 5/8 x 2 3/4	2.45
I.D. x O.D.	
43 D.P. STANDS	
2 D.P. SINGLES	4105.87
KELLY DOWN	22.84
TOTAL	4722
WT. OF DC	40 000 LBS
WT. OF STRING	126 000 LBS

BIT RECORD

BIT NO.	7
SIZE	8 3/4
MFG.	SEC
TYPE	S44
SERIAL NO.	360931
JETS 1/32"	12 12 11
DEPTH OUT	
DEPTH IN	4259
TOTAL FOOTAGE	463
TOTAL HRS. RUN	28 1/4
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000 #)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	6 00	8 00	10 PM
WEIGHT	10	10 3	10 9
FUNNEL VIS.-SEC.	56	74 @	56
PV/YP			
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
GEL	90 #		
BAOTR	6 200 #		

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
4722						25	70	1700		5 3/4	157			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
5	4 00			Cir Through SWACO Choch & Build Mud Wt & Mix PREMIX GEL FOR VIS - HOLDING 500 P.S.I BACK PRESSURE AFTER
		12 00	8	FIRST CIRC.

DRILLER: Joe Kohut

DAILY DRILLING REPORT

330

WELL NAME: Shell STE FRANCOISE ROMAINE #1
LOCATION: LOT 23-200 RGE II CTE LOBINIERE
PROVINCE: QUÉBEC

OPERATOR: Shell Canada Limited
SIGNATURE OF OPERATOR'S REPRESENTATIVE: R S Cumbers
CONTRACTOR: REGENT DRILLING LTD
SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. H. Wilson
RIG NO: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
4259				25	12	3	71

DP / DC SIZE	WT. / FT.	GR.	CONN.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
4½						1	OILWELL	600A	8
						2	GUSCO	700	16

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	9⅝	36/40	49	1829		1826	975	

TIME DISTRIBUTION — HOURS

CODE	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	2	7	6½	15½
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATION	1½			1½
6	TRIPS	3¾			3¾
7	RIG SERVICE	¼		¼	½
8	RIG REPAIR	1			1
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY		1	1¼	2¼
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS	½			½
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 2a	TESTING				
COMPLETION 2s					
60	ABANDON				
70	STANDBY				
	TOTALS	4	8	8	24
	HOURS FOR SHELL ACCOUNT				24
CONTRACTOR'S ACCOUNT	BOILER	4	8	8	24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN	2		
INTAKE WEIGHT - PPG	9.9		
OVERFLOW WEIGHT - PPG	9.5		
UNDERFLOW WEIGHT - PPG	17.1		
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	DC	3 7/8 x 6 3/4	3.35 FT.
1	DC	8 1/4 x 6 3/4	29.02 FT.
1	SB	3 7/8 x 6 3/4	6.15 FT.
1	RB	3 7/8 x 7°	5.80 FT.
1	TM	3 7/8 x 7°	6.05 FT.
1	DM	3 7/8 x 7°	30.86 FT.
17	DC	3 7/8 x 6 3/4	510.61 FT.
1	KO	3 7/8 x 6 1/2	2.45 FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
9	D.P.	STANDS	366.7 FT.
	D.P.	SINGLES	FT.
		KELLY DOWN	20 FT.
		TOTAL	4259 FT.
		WT. OF DC	44 LBS.
		WT. OF STRING	115 LBS.

BIT RECORD

BIT NO.	7
SIZE	8 3/4
MFG.	SEC
TYPE	S44
SERIAL NO.	360931
JETS 1/32"	11 12 12
DEPTH OUT	
DEPTH IN	4259
TOTAL FOOTAGE	26
TOTAL HRS. RUN	2
BIT CONDITION 1/8'S T/B 1/8" GAGE	OR 4

HOLE CONDITION

1	HOLE DRAG (1000#)	
2	TORQUE AT BOTTOM (DP TURNS)	1½
3	FILL ON BOTTOM (FEET)	10

MUD RECORD

TIME			7
WEIGHT			9.6
FUNNEL VIS. SEC.			37
PV / YP			
GELS			
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Gel	1000#		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
4259	4285	2	0			15	80	1400		5¾	162			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	
7	12 00	12 15	¼	SERVICE RIG.
6	12 15	2 30	2¼	PULL OUT HOLE OK 41 BBLS TO FILL HOLE
20	2 30	3 00	½	LAY DOWN TELEDRIFT PICK UP SQ BIT SUB
8	3 00	4 00	1	WORK ON DEGASSER CHECK BLIND RAMS OK. & MOTOR KILLS
6	4 00	5 30	1½	RUN IN
5	5 30	6 00	½	CIRC + CLEAN 10' TO BOTTOM
2	6 00	8 00	2	DRLG
				FLOAT + TOTCO RING ON BIT 7

DRILLER: Paul Jones

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	DC	3 7/8 x 6 3/4	3.35 FT.
1	DC	8 1/4 x 6 3/4	29.02 FT.
1	SB	3 7/8 x 6 3/4	6.15 FT.
1	RB	3 7/8 x 7°	5.98 FT.
1	TM	3 7/8 x 7°	6.05 FT.
1	DM	3 7/8 x 7°	30.86 FT.
17	DC	3 7/8 x 6 3/4	510.61 FT.
1	KO	3 7/8 x 6 1/2	2.45 FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
40	D.P.	STANDS	FT.
1	D.P.	SINGLES	37.92 FT.
		KELLY DOWN	43.00 FT.
		TOTAL	4428 FT.
		WT. OF DC	40 LBS.
		WT. OF STRING	120 LBS.

BIT RECORD

BIT NO.	7
SIZE	8¾
MFG.	SEC
TYPE	S44
SERIAL NO.	360931
JETS 1/32"	11 12 12
DEPTH OUT	
DEPTH IN	4259
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000#)	
2	TORQUE AT BOTTOM (DP TURNS)	
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME			7
WEIGHT	9.5	9.5	9.4
FUNNEL VIS. SEC.	35	35	37
PV / YP			
GELS			
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
2 Upco mix			
25 lb Gel			

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
4285	4428	7			SHALE	15	80	1400		5¾	162			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
4304	6¼°		4365	6¾°				

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	
2	8 00	9 45	1¾	DRILL 8¾" Hole
10	9 45	9 15	½	Survey totco
2	9 15	1 00	3¾	Drill 8¾" Hole
10	1 00	1 30	½	Survey totco
2	1 30	4 00	2½	Drill 8¾" Hole

DRILLER: Joe Robert

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	DC	3 7/8 x 6 3/4	3.35 FT.
1	DC	8 1/4 x 6 3/4	28.02 FT.
1	SB	3 7/8 x 6 3/4	6.15 FT.
1	RB	3 7/8 x 7°	5.80 FT.
1	TM	3 7/8 x 7°	6.05 FT.
1	DM	3 7/8 x 7°	30.86 FT.
17	DC	3 7/8 x 6 3/4	510.61 FT.
1	KO	3 7/8 x 6 1/2	2.45 FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
41	D.P.	STANDS	FT.
2	D.P.	SINGLES	39.17.83 FT.
		KELLY DOWN	20.88 FT.
		TOTAL	4532.00 FT.
		WT. OF DC	40 LBS.
		WT. OF STRING	120 LBS.

BIT RECORD

BIT NO.	7
SIZE	8¾
MFG.	Sec.
TYPE	S44
SERIAL NO.	360931
JETS 1/32"	11 12 12
DEPTH OUT	
DEPTH IN	4259
TOTAL FOOTAGE	273
TOTAL HRS. RUN	15½
BIT CONDITION 1/8'S T/B 1/8" GAGE	DH 4

HOLE CONDITION

1	HOLE DRAG (1000#)	
2	TORQUE AT BOTTOM (DP TURNS)	
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	4 00	8 00	10 00
WEIGHT	9.5	9.5	9.7
FUNNEL VIS. SEC.	35	37	45
PV / YP			
GELS			
W.L.-C.C.		7.0	
F.C. 1/32"			
PH		9.5	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Barite	1450#		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
4428	4532	6½	D		Shale	20	80	1600		5¾	160			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
4428	6 3¼° W		4492	6°				

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	
7	4 00	4 15	¼	Rig Ser.
10	4 15	4 30	¼	ToTco
2	4 30	8 00	3½	Drlg.
10	8 00	8 30	½	ToTcb.
2	8 30	10 30	2	Drlg.
10	10 30	11 00	½	Deviation Survey Miss Run.
2	11 00	12 00	1	Drlg.

DRILLER: C Sprague

DAILY DRILLING REPORT

CP-38 (5/70)

WELL NAME: SHELL STE. FRANCISCO ROMAINE #1

LOCATION: LOT 723-200 ROG II CTE LABRIERE — PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited — SIGNATURE OF OPERATOR'S REPRESENTATIVE: R.S. Cunn

CONTRACTOR: REGENT DRILLING LTD — SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Hallbom — RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
3975	4259	284	330	24	12	2	71

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OILWELL	SCOTT	8
2	EMSCO	700	16

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	9 5/8	36#40	49	1929		1926	975	

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7 1/4	7	6 3/4	21
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS		1/2	1/2	1
7	RIG SERVICE	1/4		1/4	1/2
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY	1/2	1/2	1/2	1 1/2
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
COST DISTRIBUTION	BOILER	8	8	8	24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN	8	8	0
INTAKE WEIGHT - PPG	9.9		
OVERFLOW WEIGHT - PPG	8.7		
UNDERFLOW WEIGHT - PPG	9.1	9.6	
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

Run no 1 Pump Nozzle #5 Stroke 400-CSF

MORNING TOUR

DRILLING ASSEMBLY — AT END OF TOUR

NO.	CODE	BIT / DESCRIPTION	FT.
1		BIT	
1	DC	8" x 2 13/16"	12.10
1	DC	8" x 2 13/16"	28.02
1	SQ	8" x 2 13/16"	6.15
1	RR	8" x 2 13/16"	5.80
1	TM	8" x 2 13/16"	6.05
1	DM	8" x 2 13/16"	30.86
17	DC	8" x 2 13/16"	510.61
1	XO	8" x 6 5/8"	2.45
		I.D. x O.D.	
	D.P.	STANDS	3446
	D.P.	SINGLES	
		KELLY DOWN	19
		TOTAL	4075
		WT. OF DC	40M LBS.
		WT. OF STRING	118 LBS.

BIT RECORD

BIT NO.	6
SIZE	8 3/4
MFG.	SEC
TYPE	SDT
SERIAL NO.	234957
JETS 1/32"	12 12 11
DEPTH OUT	
DEPTH IN	3967
TOTAL FOOTAGE	108
TOTAL HRS. RUN	8 1/4
BIT CONDITION 1/8'S T/B 1/8" GAGE	DRLG

HOLE CONDITION

1 HOLE DRAG (1000 #)	7
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	12	4	6
WEIGHT	8.9	8.9	8.9
FUNNEL VIS.-SEC	28	28	28
PV/YP			
GELS.			
W.L.-C.C.			10
F.C. 1/32"			2/32
PH			10.5
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
3975	4075	7 1/4	0		SHALE	15	80	1000		6 1/2	120			

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION
4025	6 1/2							

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

TIME LOG CODE	FROM	TO	ELAPSED TIME	
	12:00	12:15	1/4	SERVICE RIG + BOPS
	12:15	4:15	4	DRLG 8 3/4" HOLE
	4:15	4:45	1/2	SURVEY
	4:45	8:00	3 1/4	DRLG

MUD OVERFLOW COPS. WITH MORE BSL.

DRILLER: Paul Sprague

DAY TOUR

DRILLING ASSEMBLY — AT END OF TOUR

NO.	CODE	BIT / DESCRIPTION	FT.
1		BIT	
1	DC	8" x 2 13/16"	12.10
1	DC	8" x 2 13/16"	28.02
1	SQ	8" x 2 13/16"	6.15
1	RR	8" x 2 13/16"	5.80
1	TM	8" x 2 13/16"	6.05
1	DM	8" x 2 13/16"	30.86
17	DC	8" x 2 13/16"	510.61
1	XO	8" x 6 5/8"	2.45
		I.D. x O.D.	
31	D.P.	STANDS	3542.94
2	D.P.	SINGLES	
		KELLY DOWN	29.
		TOTAL	4175
		WT. OF DC	40M LBS.
		WT. OF STRING	119M LBS.

BIT RECORD

BIT NO.	6
SIZE	8 3/4
MFG.	SEC
TYPE	SDT
SERIAL NO.	234957
JETS 1/32"	12 12 11
DEPTH OUT	
DEPTH IN	3967
TOTAL FOOTAGE	208
TOTAL HRS. RUN	15 1/4
BIT CONDITION 1/8'S T/B 1/8" GAGE	Drlg

HOLE CONDITION

1 HOLE DRAG (1000 #)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	12	12	2:00
WEIGHT	9.1	8.9	9.1
FUNNEL VIS.-SEC	28	28	30
PV/YP			
GELS.			
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Sel	28		
WTMAT	35		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
4075	4175	7			SHALE	15	80	1600		5 3/4	164			

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION
4090	6 1/4		4150	6 1/2				

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

TIME LOG CODE	FROM	TO	ELAPSED TIME	
	8:00	9:30	1 1/2	DRILL 8 3/4" HOLE
	9:30	10:00	1/2	SURVEY TOTCO
	10:00	2:00	4	DRILL 8 3/4" HOLE
	2:00	2:30	1/2	SURVEY TOTCO
	2:30	4:00	1 1/2	DRILL 8 3/4" HOLE

DRILLER: Paul Sprague

EVENING TOUR

DRILLING ASSEMBLY — AT END OF TOUR

NO.	CODE	BIT / DESCRIPTION	FT.
1		BIT	
1	DC	8" x 2 13/16"	12.10
1	DC	8" x 2 13/16"	38.02
1	SQ	8" x 2 13/16"	6.15
1	RR	8" x 2 13/16"	5.80
1	TM	8" x 2 13/16"	6.05
1	DM	8" x 2 13/16"	30.86
17	DC	8" x 2 13/16"	510.61
1	XO	8" x 6 5/8"	2.45
		I.D. x O.D.	
38	D.P.	STANDS	3636.23
2	D.P.	SINGLES	
		KELLY DOWN	20.73
		TOTAL	4259
		WT. OF DC	40 000 LBS.
		WT. OF STRING	120 000 LBS.

BIT RECORD

BIT NO.	6
SIZE	8 3/4
MFG.	Sec
TYPE	SDT
SERIAL NO.	234957
JETS 1/32"	11 12 12
DEPTH OUT	4259
DEPTH IN	3967
TOTAL FOOTAGE	292
TOTAL HRS. RUN	22
BIT CONDITION 1/8'S T/B 1/8" GAGE	T/B 340 1/4

HOLE CONDITION

1 HOLE DRAG (1000 #)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	4:00	8:00	10:00
WEIGHT	9.1	9.3	9.8
FUNNEL VIS.-SEC	30	35	38
PV/YP			
GELS			
W.L.-C.C.			6 4
F.C. 1/32"			
PH			10.5
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Barite	55 000		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
4175	4259	6 3/4	0		Shale	20	80	1400		5 3/4	145			

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION
4217	6 3/4 W-6 W							

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

TIME LOG CODE	FROM	TO	ELAPSED TIME	
7	4:00	4:15	1/4	Rig Ser.
2	4:15	7:00	2 3/4	Drlg.
10	7:00	7:30	1/2	Deviation Survey
2	7:30	11:30	4	Drlg.
6	11:30	12:00	1/2	Blow Kelly & POH.

DRILLER: C. Sprague

DAILY DRILLING REPORT

292

WELL NAME: SHELL STE FRANCOISE ROMAINE #1
LOCATION: LOT 723-200 RANGE II CTP LOBINIERE PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited
SIGNATURE OF OPERATOR'S REPRESENTATIVE: R B Cunningham

CONTRACTOR: REGENT DRILLING LTD
SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Gilbert

RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DAY	YEAR
3724	3975	251	308¼	23	12	1	71

	OD / DC SIZE	WT./FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD
	4½/6¾					

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OILWELL	SLOPT	8"
2	EMSCO	700	16"

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	9⅝	36/40	49	1926		1896	975	

TIME DISTRIBUTION – HOURS

CODE No.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7	7½	2	16½
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING			½	½
6	TRIPS			5¼	5¼
7	RIG SERVICE	¼		¼	½
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY	¾	¾		1½
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				
	BOILER	8	8	8	24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN	8	8	
INTAKE WEIGHT – PPG		89	
OVERFLOW WEIGHT – PPG		88	
UNDERFLOW WEIGHT – PPG		91	
UNDERFLOW VOLUME – BPD			
HOURS RUN			
INTAKE WEIGHT – PPG			
OVERFLOW WEIGHT – PPG			
UNDERFLOW WEIGHT – PPG			
UNDERFLOW VOLUME – BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1		8¾ x 6¾	12.10
1		DQ 8¾ x 6¾	28.02
1		SQ 8¾ x 6¾	6.15
1		R3 8¾ x 7°	4.80
1		TM 8¾ x 7°	6.05
1		DM 8¾ x 7°	30.84
17		DC 8¾ x 6¾	510.41
1		XO 8¾ x 6¾	2.45
		I.D. x O.D.	
34		D.P. STANDS	3529
1		D.P. SINGLES	
		KELLY DOWN	2
		TOTAL	3844 FT
		WT. OF DC	40 LBS.
		WT. OF STRING	116 LBS.

BIT RECORD

BIT NO.	5
SIZE	8¾
MFG.	SEC
TYPE	S44
SERIAL NO.	277644
JETS 1/32"	12 12 11
DEPTH OUT	
DEPTH IN	3294
TOTAL FOOTAGE	35.29
TOTAL HRS. RUN	33
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000 #)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	2	4	6
WEIGHT	8.9	8.7	8.7
FUNNEL VIS.-SEC.	30	28	29
PV/YP			
GELS			
W.L.-C.C.		8.4	
F.C. 1/32"		2	
PH		11+	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
POT ASH	3600 #	WATER	1000 BBL
POLYMER	150 #		
CAUSIC	100 #		
METASILICATE	100 #		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
3724	3844	7	D		SHALE	20/25	60	1400		6¼	160	6	60	COMP

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
3745	6¾°		3745	6¼	N 63 W			

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
	12 00	12 15	¼	SERVICE RIG & BOPS
	12 15	1 15	1	DRLG
	1 15	1 30	¼	SURVEY
	1 30	5 30	4	DRLG
	5 30	6 00	½	SURVEY DIRC.
	6 00	8 00	2	DRLG

DRILLER: Paul Brunet

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1		8¾ x 6¾	12.10
1		DQ 8¾ x 6¾	28.02
1		SQ 8¾ x 6¾	6.15
1		R3 8¾ x 7°	5.80
1		TM 8¾ x 7°	6.05
1		DM 8¾ x 7°	30.88
17		DC 8¾ x 6¾	510.61
1		XO 8¾ x 6¾	2.45
		I.D. x O.D.	
35		D.P. STANDS	3292.73
		D.P. SINGLES	
		KELLY DOWN	47.00
		TOTAL	3937 FT
		WT. OF DC	40 LBS.
		WT. OF STRING	117 LBS.

BIT RECORD

BIT NO.	5
SIZE	8¾
MFG.	SEC
TYPE	S44
SERIAL NO.	277644
JETS 1/32"	12 12 11
DEPTH OUT	3294
DEPTH IN	
TOTAL FOOTAGE	637
TOTAL HRS. RUN	40¼
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000 #)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	10 AM	12 NOON	2 PM
WEIGHT	8.9	8.9	8.9
FUNNEL VIS.-SEC.	29	27	28
PV/YP			
GELS			
W.L.-C.C.			
F.C. 1/32"			
PH	11		
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BTA-H	300 #		
POLYMER	150 #		
CAUSTIC	100 #		
METASIL	100 #		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
3844	3937	7¼			SHALE	15	60	1475		6¼	160	6	60	

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
3874	6½		3937					

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
	8 00	10 15	2¼	DRILL 8¾" HOLE
	10 15	10 30	¼	SURVEY TOTCO + RIG SER
	10 30	3 00		DRILL 8¾ HOLE
	3 00	4 00	½	DRIG. SURVEY

DRILLER: Joe Robert

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1		8¾ x 6¾	12.10
1		DQ 8¾ x 6¾	28.02
1		SQ 8¾ x 6¾	6.15
1		R3 8¾ x 7°	5.80
1		TM 8¾ x 7°	6.05
1		DM 8¾ x 7°	30.86
17		DC 8¾ x 6¾	510.41
1		XO 8¾ x 6¾	2.45
		I.D. x O.D.	
35		D.P. STANDS	3353.71
2		D.P. SINGLES	
		KELLY DOWN	19.25
		TOTAL	3975 FT
		WT. OF DC	40 000 LBS.
		WT. OF STRING	118 000 LBS.

BIT RECORD

BIT NO.	5	6
SIZE	8¾	8¾
MFG.	SEC.	SEC
TYPE	S44	SDJ
SERIAL NO.	277644	234957
JETS 1/32"	12 12 11	12 12 11
DEPTH OUT	3967.	
DEPTH IN	3294	3967
TOTAL FOOTAGE	673	8
TOTAL HRS. RUN	41¼	1
BIT CONDITION 1/8'S T/B 1/8" GAGE	5 1 0	Dtlg.

HOLE CONDITION

1 HOLE DRAG (1000 #)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	4 00
WEIGHT	8.9
FUNNEL VIS.-SEC.	29.
PV/YP	
GELS	
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
3937	3975	2			Shale	15	60	650		534	60			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
3967	6½	N74°W						

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
7	4 00	4 15	¼	Rig Ser.
2	4 15	5 15	1	Drlg.
6	5 15			Drop Totco + Trip For Bit Chg.
				Tight Hole at 3930 + 3840
		10 30	5¼	Gas kicking ON Trip IN.
5	10 30	11 00	½	Cir + Degas Mud
2	11 00	12 00	1	Drlg.

DRILLER: C Sprague

CP-38 (9/70)

DAILY DRILLING REPORT

WELL NAME: CHELL STE FRANCOISE ROMAINE #1
LOCATION: LOT 723-200 RANGE #1 CTE LOBINIERE
PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited
SIGNATURE OF OPERATOR'S REPRESENTATIVE: R B Kinsler

CONTRACTOR: REGENT DRILLING LTD
SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Hubbard
RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
3360	3724	364	292	22	11	30	71

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD
4½/6¼					

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OILWELL	560PT	8
2	EMSCO	700	16

LAST CASING TUBING OR LINER

SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
9⅝	36/40	49	1928		1926	975	

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7	12	7¼	21¼
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATION				
6	TRIPS				
7	RIG SERVICE	¼		¼	½
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY	¾	1	½	2¼
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT				24
ENGINE HOURS	BOILER	8	8	8	24

DESILTER PERFORMANCE

	HOURS	DAY	EVE.
HOURS RUN	8	8	8
INTAKE WEIGHT - PPG	9.8	9.8	9.8
OVERFLOW WEIGHT - PPG	9.2	9.2	9.2
UNDERFLOW WEIGHT - PPG	9.1	9.1	9.2
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

Pump #1 80 strokes 450 NOI

Pump #2 80 Str. 440 "

DRILLING ASSEMBLY NO. 1 — AT END OF TOUR

NO.	CODE	BIT	FT.
1	TRI	8¾	12.10
1	DQ	8¾	28.02
1	SQ	8¾	6.15
1	R3	8¾	5.80
1	JM	8¾	6.05
1	DM	8¾	30.86
17	DC	8¾	510.61
1	XO	8¾	2.45
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
	D.P.	STANDS	FT.
	D.P.	SINGLES	FT.
	KELLY DOWN		43 FT.
	TOTAL		3499 FT.
	WT. OF DC		LBS.
	WT. OF STRING		LBS.

BIT RECORD — NO. 1

BIT NO.	5
SIZE	8¾
MFG.	SEC
TYPE	S44
SERIAL NO.	277644
JETS 1/32"	12/12/11
DEPTH OUT	
DEPTH IN	3294
TOTAL FOOTAGE	7499
TOTAL HRS. RUN	11¾
BIT CONDITION 1/8'S T/B | 1/8" GAGE	0/16

HOLE CONDITION — NO. 1

1 HOLE DRAG (1000#)
2 TORQUE AT BOTTOM (OFF / TURNS)
3 FILL ON BOTTOM (FEET)

MUD RECORD — NO. 1

TIME	12	3	7
WEIGHT	8.9	9.7	9.9
FUNNEL VIS. SEC.	24	28	29
PV / YP			
GELS			
W.L.-C.C.		92	
F.C. 1/32"		3	
PH		11.4	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE — MORNING TOUR

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
3360	3499	7	D		SHALE	15	60	1400		6¾	160	6"	60	Comp

DEVIATION RECORD — MORNING TOUR

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
3400	5½°		3430	5½°				

DETAILS OF OPERATION IN SEQUENCE AND REMARKS — MORNING TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	12:00	12:15	¼	SERVICE RIG CHECK BOPS.
2	12:15	2:15	2	DRLG.
10	2:15	2:30	¼	TOTCO
2	2:30	4:30	2	DRLG
10	4:30	4:45	¼	DIRC. SURVEY
2	4:45	6:15	1½	DRLG
10	6:15	6:30	¼	SURVEY
2	6:30	8:00	1½	DRLG

DRILLER: Paul Gaw

DRILLING ASSEMBLY NO. 1 — AT END OF TOUR

NO.	CODE	BIT	FT.
1	TRI	8¾	12.10
1	DQ	8¾	28.02
1	SQ	8¾	6.15
1	R3	8¾	5.80
1	JM	8¾	6.05
1	DM	8¾	30.86
17	DC	8¾	510.61
1	XO	8¾	2.45
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
31	D.P.	STANDS	FT.
1	D.P.	SINGLES	29.97
	KELLY DOWN		43.00
	TOTAL		3624.17
	WT. OF DC		40 000 LBS.
	WT. OF STRING		115 000 LBS.

BIT RECORD — NO. 1

BIT NO.	5
SIZE	8¾
MFG.	SEC
TYPE	S44
SERIAL NO.	277644
JETS 1/32"	11/12/12
DEPTH OUT	
DEPTH IN	3294
TOTAL FOOTAGE	330
TOTAL HRS. RUN	18¾
BIT CONDITION 1/8'S T/B | 1/8" GAGE	0/14

HOLE CONDITION — NO. 1

1 HOLE DRAG (1000#)
2 TORQUE AT BOTTOM (OFF / TURNS)
3 FILL ON BOTTOM (FEET)

MUD RECORD — NO. 1

TIME	10AM	10AM	2PM
WEIGHT	8.9	8.9	8.9
FUNNEL VIS. SEC.	24	24	24
PV / YP			
GELS			
W.L.-C.C.	80		
F.C. 1/32"	3/32		
PH	11		
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE — DAY TOUR

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
3499	3624	7	D		SHALE	15	60	1600		5½	164			

DEVIATION RECORD — DAY TOUR

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
3512	5½°	N72W	3574	5¾°				

DETAILS OF OPERATION IN SEQUENCE AND REMARKS — DAY TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	4:00	8:30	½	DRILL 8¾" HOLE
	8:30	8:45	¼	DIRC. SURVEY
	8:45	10:15	1½	DRILL 8¾" HOLE
	10:15	10:30	¼	SURVEY TOTCO
	10:30	12:15	1¾	DRILL 8¾" HOLE
	12:15	12:45	½	DIRC. SURVEY
	12:45	4:00	3¼	DRILL 8¾" HOLE

DRILLER: Joe Robert

DRILLING ASSEMBLY NO. 1 — AT END OF TOUR

NO.	CODE	BIT	FT.
1	TRI	8¾	12.10
1	DQ	8¾	28.02
1	SQ	8¾	6.15
1	R3	8¾	5.80
1	JM	8¾	6.05
1	DM	8¾	30.86
17	DC	8¾	510.61
1	XO	8¾	2.45
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
23	D.P.	STANDS	310.96
	D.P.	SINGLES	FT.
	KELLY DOWN		18.00
	TOTAL		3724 FT.
	WT. OF DC		40 000 LBS.
	WT. OF STRING		115 000 LBS.

BIT RECORD — NO. 1

BIT NO.	5
SIZE	8¾
MFG.	Sec
TYPE	S44
SERIAL NO.	277644
JETS 1/32"	11/12/12
DEPTH OUT	
DEPTH IN	3294
TOTAL FOOTAGE	430
TOTAL HRS. RUN	26
BIT CONDITION 1/8'S T/B | 1/8" GAGE	Drlg

HOLE CONDITION — NO. 1

1 HOLE DRAG (1000#)
2 TORQUE AT BOTTOM (OFF / TURNS)
3 FILL ON BOTTOM (FEET)

MUD RECORD — NO. 1

TIME	4	7	11
WEIGHT	8.9	8.9	8.9
FUNNEL VIS. SEC.	30	30	30
PV / YP			
GELS			
W.L.-C.C.	82		
F.C. 1/32"	2/32		
PH	10.5		
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE — EVENING TOUR

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
3624	3724	7¼	D		Shale	15	60	1600		5¾	160			

DEVIATION RECORD — EVENING TOUR

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
3624	5¾°	Totco	3686	5¾°	Totco			

DETAILS OF OPERATION IN SEQUENCE AND REMARKS — EVENING TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	4:00	4:15	¼	Rig Ser.
10	4:15	4:30	¼	Totco @ 3624
2	4:30	9:00	4½	Drlg.
10	9:00	9:15	¼	Totco @ 3686
2	9:15	12:00	2¾	Drlg.
				Held BOP Drill

DRILLER: C Sprague

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAINE #1
LOCATION: LOT 723 - RANGE 200 CTE LOBENGIRG
PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited
SIGNATURE OF OPERATOR'S REPRESENTATIVE: B.S. Cunningham
CONTRACTOR: REGENT DRILLING LTD
SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Hibbons
RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
3120	3360	240	270 3/4	21	11	29	71

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	9 5/8	36#0	49	1926		1921	975	

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT. O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
4 1/2 / 6 1/4						1	OILWELL	SCOPT	8
						2	EMSCO	700	16

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7 1/2	6	4 1/4	18 1/4
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING		1/4	1/4	1/2
6	TRIPS		1 1/4	2 3/4	4
7	RIG SERVICE	1/4		1/4	1/2
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY	1/4	3/4	1/2	1 1/4
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	4	8	24
	HOURS FOR SHELL ACCOUNT				
	BOILER	8	8	8	24

DESILTER PERFORMANCE

	MORN	DAY	EVE
HOURS RUN	8	8	8
INTAKE WEIGHT - PPG	8.9	9.0	8.8
OVERFLOW WEIGHT - PPG	8.8	8.9	8.6
UNDERFLOW WEIGHT - PPG	9.1	9.1	9.3
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

Hand #5 Mix spang
800 P.S.I

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1		Reed 8 3/4 x 6 3/4	12.10 FT.
1	DO	8 3/4 x 6 3/4	28.07
1	SO	8 3/4 x 6 3/4	6.15 FT.
1	R3	8 3/4 x 7 0°	5.80 FT.
1	JM	8 3/4 x 7 0°	6.05 FT.
1	DM	8 3/4 x 7 0°	30.86 FT.
17	DC	8 3/4 x 6 1/4 O.D.	510.61 FT.
1	XO	8 3/4 x 6 1/4	2.45 FT.
		x O.D.	FT.
87	D.P.	STANDS	2601.44 FT.
4	D.P.	SINGLES	
		KELLY DOWN	37 FT.
		TOTAL	3940 FT.
		WT. OF DC	40 000 LBS.
		WT. OF STRING	110 000 LBS.

BIT RECORD

BIT NO.	4
SIZE	8 3/4
MFG.	SEC
TYPE	DSJ
SERIAL NO.	911428
JETS 1/32"	11 11 12
DEPTH OUT	
DEPTH IN	2997
TOTAL FOOTAGE	243
TOTAL HRS. RUN	16
BIT CONDITION 1/8'S T/B 1/8" GAGE	1/8 1/8 GAGE

HOLE CONDITION

1	HOLE DRAG (1000 #)
2	TORQUE AT BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME	8 AM	10 PM	12 MN
WEIGHT	8.9	8.9	8.9
FUNNEL VIS.-SEC.	29	26	27
PV/YP			
GELS			
W.L.-C.C.		22	
F.C. 1/32"		2	
PH		11	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
3120	3240	7 1/2	0		SHALE	20	60	1700		5 1/2	170			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
3120	6-°		3180	6-°				

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	12 00	12 15	1/4	SERVICE RIG. CHECK BOPS. SURVEY
2	12 15	5 00	4 3/4	DRLG.
10	5 00	5 15	1/4	SURVEY
2	5 15	8 00	2 3/4	DRLG

DRILLER: Paul Gay

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1		Reed 8 3/4 x 6 3/4	12.10 FT.
1	DO	8 3/4 x 6 3/4	28.03
1	SO	8 3/4 x 6 3/4	6.15 FT.
1	R3	8 3/4 x 7 0°	5.80 FT.
1	JM	8 3/4 x 7 0°	6.05 FT.
1	DM	8 3/4 x 7 0°	30.86 FT.
17	DC	8 3/4 x 6 1/4 O.D.	510.61 FT.
1	XO	8 3/4 x 6 1/4	2.45 FT.
		x O.D.	FT.
28	D.P.	STANDS	FT.
1	D.P.	SINGLES	2664.76
		KELLY DOWN	28.00 FT.
		TOTAL	3294.80 FT.
		WT. OF DC	40 000 LBS.
		WT. OF STRING	110 000 LBS.

BIT RECORD

BIT NO.	4
SIZE	8 3/4
MFG.	SEC
TYPE	DSJ
SERIAL NO.	911428
JETS 1/32"	11 11 12
DEPTH OUT	3240
DEPTH IN	2997
TOTAL FOOTAGE	297
TOTAL HRS. RUN	24
BIT CONDITION 1/8'S T/B 1/8" GAGE	1/8 1/8

HOLE CONDITION

1	HOLE DRAG (1000 #)
2	TORQUE AT BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME	8 AM	10 PM	12 MN
WEIGHT	8.9	8.9	8.9
FUNNEL VIS.-SEC.	28	28	28
PV/YP			
GELS			
W.L.-C.C.		40	
F.C. 1/32"		2/32	
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
CAUSTIC	50#		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
3240	3294	6			SHALE	25	60	1600		5 1/2	165			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
2196	5 3/4° N 64 W		3294	5 3/4°				

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	8 00	9 00	1	DRILL 8 3/4" HOLE
	9 00	9 15	1/4	SURVEY + RIG SER
	9 15	12 30	3 1/4	DRILL 8 3/4" HOLE
	12 30	12 45	1/4	SURVEY TOTCO
	12 45	2 30	1 3/4	DRILL 8 3/4" HOLE
	2 30	2 45	1/4	DROP SURVEY TOTCO + PUMP DOWN PIL
	2 45	4 00	1 1/4	PULL OUT HOLE TIGHT 94' OFF BOTTOM FOR 10'

DRILLER: Joe Robert

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1		Reed 8 3/4 x 6 3/4	12.10 FT.
1	DO	8 3/4 x 6 3/4	28.02 FT.
1	SO	8 3/4 x 6 3/4	6.15 FT.
1	R3	8 3/4 x 7 0°	5.80 FT.
1	JM	8 3/4 x 7 0°	6.05 FT.
1	DM	8 3/4 x 7 0°	30.86 FT.
17	DC	8 3/4 x 6 1/4 O.D.	510.61 FT.
1	XO	8 3/4 x 6 1/4	2.45 FT.
		x O.D.	FT.
99	D.P.	STANDS	2727.80 FT.
	D.P.	SINGLES	
		KELLY DOWN	30.16 FT.
		TOTAL	3360 FT.
		WT. OF DC	40 000 LBS.
		WT. OF STRING	110 000 LBS.

BIT RECORD

BIT NO.	5
SIZE	8 3/4
MFG.	SEC
TYPE	S44
SERIAL NO.	271644
JETS 1/32"	12 12 11
DEPTH OUT	
DEPTH IN	3294
TOTAL FOOTAGE	66
TOTAL HRS. RUN	4 3/4
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)
2	TORQUE AT BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME	8 00	10	
WEIGHT	8.8	8.8	
FUNNEL VIS.-SEC.	30	30	
PV/YP			
GELS			
W.L.-C.C.	80		
F.C. 1/32"	3/32		
PH	11		
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
CAUSTIC	50#		
METSO	15 BAGS		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
3294	3360	4 3/4	0		Shale	15	80	1400		5 3/4	165			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
3294	5 3/4°		3340	5 1/2.				

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	4 00	4 15	1/4	Rig Ser.
6	4 15	6 30	2 1/4	Finish Trip For Bit Chg.
5	6 30	7 00	1/2	Clean 30' To Bottom.
2	7 00	10 15	3 1/4	Drlg.
10	10 15	10 30	1/4	Totco @ 3340
2	10 30	12 00	1 1/2	Drlg.

DRILLER: C. Sprague

DAILY DRILLING REPORT

FORM 30 (8/70)

WELL NAME: SHELL STE FRANCOISE ROMAINE #1

LOCATION: LOT 723 - RANGE ~~1~~ 100 CTE LABELLE — PROVINCE: QUÉBEC

OPERATOR: Shell Canada Limited — CONTRACTOR: REGENT DRILLING LTD. — RIG NO. 6

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R.S. Cumine — SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: R. Hebert

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DAY	YEAR
2920	3120	200	252½	20	11	28	71

OP. / DC. SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT. O.D.	TYPE THREAD
4½					
6 3/4	40m		2 3/4		

PUMP MANUFACTURER: 1 OILWELL; 2 EMSCO

PUMP NO.	TYPE	STROKE LENGTH
1	SLOAT	8
2	700	16

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT (SXS) + (SKRS)	REMARKS
	9 5/8	36/40	49	826		1926	975	

TIME DISTRIBUTION — HOURS

CODE	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	5½	3	7½	16
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN HOLE & CIRCULATING		¾		¾
6	TRIPS	1½		1½	3
7	RIG SERVICE	½		1¼	1¾
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE		1		1
10	DEVIATION SURVEY	½		1¼	1¾
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS		1½		1½
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TYPES				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	6	8	8	24
	HOURS FOR SHELL ACCOUNT	6	8	8	24
	BOILER	8	8	8	

DES LTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			9½
UNDERFLOW WEIGHT - PPG			9½
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

Ream 90' / ½ stands 300 PSI

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			FT.
		BIT		
1		6	3.90	
1			30.32	
1			29.02	
17			610.61	
1			2.45	
25		D.P. STANDS	1911.00	
2		D.P. SINGLES		
		KELLY DOWN	6	
		TOTAL	3117	
		WT. OF DC	40	LBS.
		WT. OF STRING	120	LBS.

BIT RECORD

BIT NO.	3
SIZE	8¾
MFG.	SEC
TYPE	OSJ
SERIAL NO.	911440
JETS 1/32"	11 11 12
DEPTH OUT	2917
DEPTH IN	2700
TOTAL FOOTAGE	197
TOTAL HRS. RUN	19¼
BIT CONDITION 1/8'S T/B 1/16" GAGE	1 1 WT

HOLE CONDITION

1 HOLE DRAG (1000#)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	1	3	6
WEIGHT	88	8.4	08.5
FUNNEL VIS-SEC	28	29	28
PV/YP			
GELS			
W.L.-C.C.		69	
F.C. 1/32"		2/32	
PH		11	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	SW-D RW-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
2920	2927	5¼	D		SHALE	20	60	1400		6¾	172			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
2980	NE 10	S	2950	5	NE 4	2997	6	

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TO	ELAPSED TIME	
7	M⁰⁰	12¹⁵	¼	SERVICE RIG + BOPS.
2	12¹⁵	3¹⁵	3	DRLG
10	3¹⁵	3³⁰	¼	SURVEY
2	3³⁰	6¹⁵	2¾	DRLG
10	6¹⁵	6³⁰	¼	TOTCO DROP KELLY
6	6³⁰	8⁰⁰	1½	PULL OUT

DRILLER: P. Lee

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			FT.
		BIT		12.10
1			62.10	
1			29.02	
1			6.15	
1			5.80	
1			6.05	
1			30.86	
17			510.61	
1			2.45	
25		D.P. STANDS		
2		D.P. SINGLES	244.72	
		KELLY DOWN	17.46	
		TOTAL	3030.92	
		WT. OF DC	40m	
		WT. OF STRING	110m	

BIT RECORD

BIT NO.	4
SIZE	8¾
MFG.	SEC
TYPE	OSJ
SERIAL NO.	911438
JETS 1/32"	11 11 12
DEPTH OUT	
DEPTH IN	2700 2997
TOTAL FOOTAGE	30
TOTAL HRS. RUN	3
BIT CONDITION 1/8'S T/B 1/16" GAGE	Drlg

HOLE CONDITION

1 HOLE DRAG (1000#)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	56' FILL

MUD RECORD

TIME			2⁰⁰
WEIGHT			8.9
FUNNEL VIS-SEC			28
PV/YP			
GELS			
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
50 #	Polymer		

FOOTAGE

FROM	TO	ROT. HOURS	SW-D RW-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
2997	3030	3	D		Shale	15	79	2000		5¾	180			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TO	ELAPSED TIME	
20	6⁰⁰	9⁴⁵	3¾	CHANGE BITS PICK UP REAMERS - TELEDRIFT SUB & MOVE SQUARE COLLERT TO BTM. OF MONEL
1	9⁴⁵	10⁴⁵	1	RUN IN TO 1900'
	10⁴⁵	11⁴⁵	1	CUT & SLIP LINE SET UP BRAKES.
½	11⁴⁵	12¹⁵	½	FINISH RUNING IN
¾	12¹⁵	1⁰⁰	¾	REAM 56' FT TO BOTTOM
2	1⁰⁰	4⁰⁰	3	DRILL 8¾" HOLE

TELEDRIFT SET AT 4½ - T. Jackson

DRILLER:

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			FT.
		BIT		
1			12.10	
1			28.02	
1			6.15	
1			5.80	
1			6.05	
1			30.86	
17			510.61	
1			2.45	
26		D.P. STANDS		
1		D.P. SINGLES	24.74 99	
		KELLY DOWN	43.00	
		TOTAL	3120.03	
		WT. OF DC	40 000	LBS.
		WT. OF STRING	110	LBS.

BIT RECORD

BIT NO.	4
SIZE	8¾
MFG.	SEC
TYPE	OSJ
SERIAL NO.	911438
JETS 1/32"	11 11 12
DEPTH OUT	
DEPTH IN	2700
TOTAL FOOTAGE	123
TOTAL HRS. RUN	10¼
BIT CONDITION 1/8'S T/B 1/16" GAGE	DRLG

HOLE CONDITION

1 HOLE DRAG (1000#)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	4⁰⁰	8⁰⁰	11
WEIGHT	87		8.7
FUNNEL VIS-SEC	29		29
PV/YP			
GELS			
W.L.-C.C.			71
F.C. 1/32"			2
PH			11
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	SW-D RW-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
3031	3120	7½	D		Shale	15	80	2000		5¾	180			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
3066	6°	TOTCO						

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TO	ELAPSED TIME	
7	12⁰⁰	12¹⁵	¼	Rig Ser.
2	12¹⁵	6⁰⁰	1¾	Drlg.
10	6⁰⁰	6¹⁵	¼	Totco @ 3066
2	6¹⁵	10⁰⁰	5¾	Drlg.

DRILLER: C. Sprague

CP 38 (8/72)

DAILY DRILLING REPORT

WELL NAME: SHELL STÉ FRANCOISE ROMAINE #1
LOCATION: LOT 723-200 RANGE C76 LODINIERE
PROVINCE: QUÉBEC

OPERATOR: Shell Canada Limited
SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mc Hardy
CONTRACTOR: REGENT DRILLING LTD
SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Wallace O
RIG NO: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
2656	2920	264	240	19	11	27	71

DP / DC SIZE	WT. / FT	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO	PUMP MANUFACTURER	TYPE	STROKE LENGTH
						1	OILWELL	SLOPT	8
						2	EMSCO	700	16

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	9 5/8	36/40	47	1926		1926	975	

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN	1/2			1/2
2	DRILLING ACTUAL	3 1/4	7 1/2	6 1/4	16 3/4
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING			1/4	3/4
6	TRIPS	3 1/2			3 1/2
7	RIG SERVICE	1/4	1/2	1/4	1/4
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY	1/2	1/2	3/4	1 1/4
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS	1 1/2			
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	5	8	8	24
	HOURS FOR SHELL ACCOUNT	16 1/4			
SERVICE EQUIPMENT	BOILER	6	4	8	

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

P700 35 SPM 550 PSI

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		FT.
		BIT	
1	EG	8 3/4 x 6 1/2	3.90
1	DM	8 3/4 x 7	30.82
1	DC	6 1/2 x 6 1/4	28.02
17	DC	6 1/2 x 6 1/4	510.61
1	XO	6 1/4 x 6 5/8	2.45
22	D.P.	STANDS	2086.00
1	D.P.	SINGLES	
		KELLY DOWN	29
		TOTAL	2700 FT
		WT. OF DC	40 LBS
		WT. OF STRING	100

BIT RECORD

BIT NO.	2	3
SIZE	8 3/4	8 3/4
MFG.	SEC	SEC
TYPE	544	DSJ
SERIAL NO.	346944	911440
JETS 1/32"	11 11 11	11 11 12
DEPTH OUT	2700	
DEPTH IN	2044	2700
TOTAL FOOTAGE	656	0
TOTAL HRS. RUN	32	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	2 1	0

HOLE CONDITION

1 HOLE DRAG (1000#)
2 TORQUE AT BOTTOM (DP TURNS)
3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	12	2
WEIGHT	8.7	8.8
FUNNEL VIS.-SEC.	28	28
PV/YP	/	/
GELS.	/	/
W.L.-C.C.	/	/
F.C. 1/32"		
PH		
% OIL		
% SAND		

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
2656	2700	3 1/4	0		SHALE	5	130	1800		5 3/4	140	6		

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
2690	4 1/4							

TIME LOG

CODE	FROM	TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	12:00	12:15	1/4	SERVICE RIG CHECK BOPS
2	12:15	3:00	2 3/4	DRLG 8 3/4" HOLE
10	3:00	3:15	1/4	TOTCO SURVEY
2	3:15	3:45	1/2	DRLG
10	3:45	4:00	1/4	DROP DIRC. SURVEY
	4:00	5:45	1 3/4	PULL OUT CLOSE BLIND RAMS
20	5:45	6:15	1/2	LAY DOWN SQ STAB & TELEDRIFT SUB
	6:15	8:00	1 3/4	RUN IN WITH BIT # 3

DRILLER: Paul Guy

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		FT.
		BIT	
1	EG	8 3/4 x 6 1/2	3.90
1	DM	8 3/4 x 7	30.82
1	DC	6 1/2 x 6 1/4	28.02
17	DC	6 1/2 x 6 1/4	510.61
1	XO	6 1/4 x 6 5/8	2.45
23	D.P.	STANDS	
2	D.P.	SINGLES	2222.14
		KELLY DOWN	24.00
		TOTAL	2821.99
		WT. OF DC	40 M LBS
		WT. OF STRING	114 M

BIT RECORD

BIT NO.	3	
SIZE	8 3/4	
MFG.	SEC	
TYPE	DSJ	
SERIAL NO.	911440	
JETS 1/32"	11 11 12	
DEPTH OUT		
DEPTH IN	2700	
TOTAL FOOTAGE	121	
TOTAL HRS. RUN	7 1/4	
BIT CONDITION 1/8'S T/B | 1/8" GAGE		

HOLE CONDITION

1 HOLE DRAG (1000#)
2 TORQUE AT BOTTOM (DP TURNS)
3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	8:45	12:00	3:00
WEIGHT	8.8	8.8	8.8
FUNNEL VIS.-SEC.	28	28	28
PV/YP	/	/	/
GELS.	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
36 sx	PTASH		
100 #	Caustic		
100 #	METSO		
150 #	POLYMER		

FOOTAGE

FROM	TO	HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
2700	2821	7 1/2				3/5	60	1600		5 3/4	166			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
2718	4 1/4	N25W	2400	4 3/4				

TIME LOG

CODE	FROM	TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	6:00	6:15	1/4	RIG SER
	6:15	11:00	2 3/4	DRILL 8 3/4" HOLE
	11:00	11:15	1/4	DIRECTIONAL SURVEY
	11:15	2:45	3 1/2	DRILL 8 3/4" HOLE
				P700 35 SPM 550 PSI

DRILLER: Joe Robert

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		FT.
		BIT	
1	EG	8 3/4 x 6 1/2	3.90
1	DM	8 3/4 x 7	30.82
1	DC	6 1/2 x 6 1/4	28.02
17	DC	6 1/2 x 6 1/4	510.61
1	XO	6 1/4 x 6 5/8	2.45
24	D.P.	STANDS	2314.14
2	D.P.	SINGLES	
		KELLY DOWN	27
		TOTAL	2970 FT
		WT. OF DC	40M LBS
		WT. OF STRING	114 LBS

BIT RECORD

BIT NO.	3	
SIZE	8 3/4	
MFG.	SEC	
TYPE	DSJ	
SERIAL NO.	911440	
JETS 1/32"	11 11 12	
DEPTH OUT		
DEPTH IN	2700	
TOTAL FOOTAGE	270	
TOTAL HRS. RUN	13 1/2	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	DRLG	

HOLE CONDITION

1 HOLE DRAG (1000#)
2 TORQUE AT BOTTOM (DP TURNS)
3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME		5:00	8:00
WEIGHT		8.8	8.9
FUNNEL VIS.-SEC.		28	29
PV/YP	/	/	/
GELS.	/	/	/
W.L.-C.C.		6.6	
F.C. 1/32"		2/32	
PH		10.5	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
2821		6 1/4				20	60	1600 M		6 3/4	166	6	60	ROTO

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
2870	5°		2900	5°				

TIME LOG

CODE	FROM	TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
2	6:00	6:30	1/2	DRILL
7	6:00	6:15	1/4	SERVICE RIG & BOPS
2	6:15	7:45	1 1/2	DRILL 8 3/4" HOLE
10	7:45	8:00	1/4	TOTCO
2	8:00	9:00	2	DRLG.
10	9:00	9:30	1/2	SURVEY TOTCO
5	9:30	10:15	3/4	CIRC OUT GAS
2	10:15	12	1 3/4	DRLG.

DRILLER: Paul Guy

CP-38 (5/70)

DAILY DRILLING REPORT

WELL NAME: Shell Ste Francoise Romaine No. 1

LOCATION: Lot 723-200 Range, Cte Dolbeinoise — PROVINCE: Que

OPERATOR: Shell Canada Limited — SIGNATURE OF OPERATOR'S REPRESENTATIVE: [illegible]

CONTRACTOR: Regent Drilling Ltd. — SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: [illegible] — RIG NO. 6.

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
2220	2656	436	220	18	11	26	71

DP. / DC. SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	MANUFACTURER	TYPE	STROKE LENGTH
4½ 6¾		1				1	Oilwell	660P	8"
						2	EMSCO	700D	16"

LAST CASING, TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	9 5/8	36 40	49	1926		1926	975	

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7¼	7	7	21¼
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS				
7	RIG SERVICE	¼	¼		½
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY	½	¾	½	1¾
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING		21		
COMPLETION 44	TESTING		03		
COMPLETION 45		26			
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	2042			24
CODE NUMBERS FOR CONTRACTOR'S ACCOUNT	BOILER	8	8	8	24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN	8	8	8
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY — AT END OF TOUR

NO.	CODE	BIT	FT.
1	500	12¼ 7⅜ x 6⅜	12.10 FT.
1	DQ	12¼ 7⅜ x 6⅜	28.02 FT.
1	50	12¼ 7⅜ x 6⅜	6.18 FT.
1	DH	12¼ x 7°	30.82 FT.
17	DC	12¼ 7⅜ x 6¾	510.55 FT.
1	XO	12¼ 6¾	2.45 FT.
		I.D. x O.D.	FT.
		I.D. x O.D.	FT.
		I.D. x O.D.	FT.
		I.D. x O.D.	FT.
19	D.P.	STANDS	FT.
1	D.P.	SINGLES	18.23 FT.
		KELLY DOWN	FT.
		TOTAL	2420.00 FT.
		WT. OF DC	40 000 LBS.
		WT. OF STRING	11 000 LBS.

BIT RECORD

BIT NO.	2
SIZE	8¾
MFG.	See
TYPE	S44
SERIAL NO.	360944
JETS 1/32"	11 11 11
DEPTH OUT	
DEPTH IN	2044
TOTAL FOOTAGE	376
TOTAL HRS. RUN	14¾
BIT CONDITION 1/8'S T/B | 1/8" GAGE	Drlg

HOLE CONDITION

1 HOLE DRAG (1000#)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	12⁰⁰
WEIGHT	8.4
FUNNEL VIS.-SEC.	29
PV / YP	/ /
GELS	/ /
W.L.-C.C.	
F.C. 1/32"	
PH	10.5
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
2220	2420	7¼	D		Shale.	35/40	80	1900		6"	140	6"	60	

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
2318	1°	SIDE						

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
7	12⁰⁰	12¹⁵	¼	Rig Ser.
2	12¹⁵	4¹⁵	4	Drlg Teledrift 30' INT.
10	4¹⁵	4⁴⁵	½	Deviation Survey.
2	4⁴⁵	8⁰⁰	3¼	Drlg.
				Held BOP. Drill. Meeting.

DRILLER: C Savage

DAY TOUR

DRILLING ASSEMBLY — AT END OF TOUR

NO.	CODE	BIT	FT.
1	500	12¼ 7⅜ x 6⅜	12.10 FT.
1	DQ	12¼ 7⅜ x 6⅜	28.02 FT.
1	50	12¼ 7⅜ x 6⅜	6.18 FT.
1	DH	12¼ x 7°	30.82 FT.
17	DC	12¼ 7⅜ x 6¾	510.55 FT.
1	XO	12¼ 6¾	2.45 FT.
		I.D. x O.D.	FT.
		I.D. x O.D.	FT.
		I.D. x O.D.	FT.
		I.D. x O.D.	FT.
20	D.P.	STANDS	1836.32 FT.
2	D.P.	SINGLES	36.68 FT.
		KELLY DOWN	35 FT.
		TOTAL	2555.35 FT.
		WT. OF DC	40 000 LBS.
		WT. OF STRING	112 LBS.

BIT RECORD

BIT NO.	2
SIZE	8¾
MFG.	SEC
TYPE	S44
SERIAL NO.	360944
JETS 1/32"	11 11 11
DEPTH OUT	
DEPTH IN	2044
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)	NIL
2 TORQUE AT BOTTOM (DP TURNS)	NIL
3 FILL ON BOTTOM (FEET)	NIL

MUD RECORD

TIME	7	12	3
WEIGHT	8.7	8.7	8.7
FUNNEL VIS.-SEC.	26	28	28
PV / YP	/	/	/
GELS	/	/	/
W.L.-C.C.			69
F.C. 1/32"			3/32
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
2420	2555	7	D		Shale	10	45/60	1900		5¾	140	6	60	Conv

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
2430	2½		2500	3°				

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
7	8⁰⁰	8¹⁵	¼	RIG SERVICE CHECK BOPS
10	8¹⁵	8⁴⁵	½	SURVEY WIRELINE
2	8⁴⁵	12⁰⁰	3¼	DRLG
10	12⁰⁰	12¹⁵	¼	SURVEY
2	12¹⁵	4⁰⁰	3¾	DRLG.
				HELD BOP DRILL MEET

DRILLER: Paul

EVENING TOUR

DRILLING ASSEMBLY — AT END OF TOUR

NO.	CODE	BIT	FT.
1	500	12¼ 7⅜ x 6⅜	12.10 FT.
1	DQ	12¼ 7⅜ x 6⅜	28.02 FT.
1	50	12¼ 7⅜ x 6⅜	6.18 FT.
1	DH	12¼ x 7°	30.82 FT.
17	DC	12¼ 7⅜ x 6¾	510.55 FT.
1	XO	12¼ 6¾	2.45 FT.
		I.D. x O.D.	FT.
		I.D. x O.D.	FT.
		I.D. x O.D.	FT.
		I.D. x O.D.	FT.
21	D.P.	STANDS	2032 FT.
1	D.P.	SINGLES	FT.
		KELLY DOWN	34 FT.
		TOTAL	2656.92 FT.
		WT. OF DC	40 000 LBS.
		WT. OF STRING	113 LBS.

BIT RECORD

BIT NO.	2
SIZE	8¾
MFG.	SEC
TYPE	S44
SERIAL NO.	360944
JETS 1/32"	11 11 11
DEPTH OUT	
DEPTH IN	2044
TOTAL FOOTAGE	612
TOTAL HRS. RUN	28¾
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	6	9	11
WEIGHT	8.7	8.7	
FUNNEL VIS.-SEC.	24	29	
PV / YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
36 Gel + Tan-H			
150 # Polymer			
100 # Gel Tex			
100 # Mud Thin			

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
2555	2656	7	D		Shale	35/40	45/60	1900		5¾	140			Conv

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
2420	2°	N87W	2632	4°				

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
2	4⁰⁰	5⁰⁰	1	DRILL 8¾" HOLE
10	5⁰⁰	5³⁰	½	DIRECTIONAL SURVEY + RIG SER
2	5³⁰	9⁴⁵	4¼	DRILL 8¾" HOLE
10	9⁴⁵	10¹⁵	½	WIRE LINE SURVEY
2	10¹⁵	12⁰⁰	1¾	DRILL 8¾" HOLE
				HELD BLOWOUT DRILL MEET

DRILLER: Joe Rahut

DAILY DRILLING REPORT

WELL NAME: Shell Ste Francoise Romaine No. 1

LOCATION: Lot 123 - 2nd Range Cte Delotbiniere — PROVINCE: Que.

OPERATOR: Shell Canada Limited — SIGNATURE OF OPERATOR'S REPRESENTATIVE: Q Gillespie

CONTRACTOR: Regent Drilling Ltd — SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J Hilbert — RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DAY	YEAR
1929.	2220	291		18.	11	25	71

# OF DC	SIZE	WT./FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD
6	7¾	185				5" H90

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	O.L Wells	560P	8"
2	Emsco	700D	16"

LAST CASING, TUBING OR LINER: SIZE 9⅝ — WT. AND GR. 36/40 — NO. OF JOINTS 49 — FEET 1926 — KB TO CSG. HEAD — SET AT 1926 — CEMENT USED (SACKS) 975

REMARKS:

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	5¼	8¾	7½	21¼
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING	2¼			2¼
6	TRIPS		6¾		6¾
7	RIG SERVICE	¼	¼	¼	¾
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY		¼	¼	½
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	7042			24
CONTRACTOR'S EQUIPMENT	BOILER	8	8	8	24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	E6	7⅞ x 6 3/32	3.90 FT
1	DP	7⅞ O.D.	30.82 FT
12	DC	7⅞ x 6 3/4	361.01 FT
1	40	7⅞ x 6 3/4	2.45 FT
		I.D. X O.D.	FT
		I.D. X O.D.	FT
		I.D. X O.D.	FT
		I.D. X O.D.	FT
		I.D. X O.D.	FT
16	D.P.	STANDS	FT
2	D.P.	SINGLES	1548.55 FT
		KELLY DOWN	41.00 FT
		TOTAL	2007.73 FT
		WT. OF DC	35,000 LBS.
		WT. OF STRING	81,000 LBS.

BIT RECORD

BIT NO.	1
SIZE	8¾
MFG.	Sec
TYPE	S33
SERIAL NO.	21825
JETS 1/32"	14 14 12
DEPTH OUT	
DEPTH IN	1929.
TOTAL FOOTAGE	81
TOTAL HRS. RUN	4 3/4
BIT CONDITION 1/8"S T/B 1/16" GAGE	Dlg.

HOLE CONDITION

1 HOLE DRAG (1000#)	
2 TORQUE AT BOTTOM (OF TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	1 00		7 00
WEIGHT	8.4		8.4
FUNNEL VIS.-SEC.	29.		26.
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.	66		
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Bel	3560		
Bitrich	3000		
Bunker	150		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
1929	2007	4¾				2000	75	1900		5¾	155			

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

CODE	TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	12 00	12 15	1/4	Rig Ser.
2	12 15	1 00	3/4	Drlg Out Cement & Shoe.
5	1 00	1 30	1/2	Displace Contaminated Water to treated Water.
2	1 30	6 15	4 3/4	Drlg 8 3/4" Hole
5	6 15	8 00	1 3/4	Circ + Observe Gas Showing on Gas Detector

DRILLER: C Lonsdale

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	Sub	2 13/16 x 6 3/4	12.10 FT
1	DP	2 13/16 x 6 3/4	28.02 FT
1	SQ	2 13/16 x 6 3/4	6.14 FT
1	DM	2 13/16 x 6 3/4	30.82 FT
17	DC	2 13/16 x 6 3/4	516.55 FT
1	X	2 13/16 x 6 3/4	2.45 FT
		I.D. X O.D.	FT
		I.D. X O.D.	FT
		I.D. X O.D.	FT
		I.D. X O.D.	FT
		I.D. X O.D.	FT
15	D.P.	STANDS	1413.10 FT
	D.P.	SINGLES	FT
		KELLY DOWN	41.00 FT
		TOTAL	FT
		WT. OF DC	LBS.
		WT. OF STRING	LBS.

BIT RECORD

BIT NO.	1	2
SIZE	8¾	8¾
MFG.	Sec	Sec
TYPE	S33	S44
SERIAL NO.	21825	360944
JETS 1/32"	14 14 12	11 11 11
DEPTH OUT	2037	?
DEPTH IN	1929	2037
TOTAL FOOTAGE	90	
TOTAL HRS. RUN	6 3/4	
BIT CONDITION 1/8"S T/B 1/16" GAGE		

HOLE CONDITION

1 HOLE DRAG (1000#)	
2 TORQUE AT BOTTOM (OF TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME			
WEIGHT			
FUNNEL VIS.-SEC.			
PV/YP	/	/	/
GELS.			
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
2007	1729	1¾	D		SHALE	20	75	1700		5¾				

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION
2006	1	S 18 W						

CODE	TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	8 00	8 15	1/4	SERVICE RIG
	8 15	10	1 3/4	DRLG
	10 00	10 15	1/4	DIR. SURVEY
	10 15	12	1 3/4	LAY DOWN 18 SINGLES PULL OUT
	12 00			CH. BIT PICKUP TELA DRIFT SUB 1 SQ COLLAR
		3 00	3 00	1 SQ STAB + 5 6¾ COLLARS
	3 00	4 00	1	RUN 1 IN PIPE

DRILLER: Paul Sy

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	SUB	2 13/16 x 6 3/4	12.10
1	DP	2 13/16 x 6 3/4	28.02
1	SQ	2 13/16 x 6 3/4	6.14
1	DM	2 13/16 x 6 3/4	30.82
17	DC	2 13/16 x 6 3/4	516.55
1	X	2 13/16 x 6 3/4	2.45
		I.D. X O.D.	FT
		I.D. X O.D.	FT
		I.D. X O.D.	FT
		I.D. X O.D.	FT
		I.D. X O.D.	FT
17	D.P.	STANDS	1502.20
	D.P.	SINGLES	FT
		KELLY DOWN	28. FT
		TOTAL	2204.27 FT
		WT. OF DC	40m LBS.
		WT. OF STRING	110m LBS.

BIT RECORD

BIT NO.	2
SIZE	8¾
MFG.	SEC
TYPE	S44
SERIAL NO.	360944
JETS 1/32"	11 11 11
DEPTH OUT	
DEPTH IN	2044
TOTAL FOOTAGE	176
TOTAL HRS. RUN	7½
BIT CONDITION 1/8"S T/B 1/16" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)	
2 TORQUE AT BOTTOM (OF TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME			
WEIGHT			
FUNNEL VIS.-SEC.			
PV/YP	/	/	/
GELS.			
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
2044	2220	7½			SHALE	25m	70	1900		5½	156			

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION
2169	¾							

CODE	TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	4 00	4 15	1/4	RIG SER
	4 15	9 30	5 1/4	DRILL 8¾" HOLE + RUN TELEDRIFT SURVEY - EVERY 30'
	9 30	9 45	1/4	SURVEY WIRELINE @ 2169
	9 45	12 00	2 1/4	DRILL 8¾" HOLE

DRILLER: Jack Rust

DAILY DRILLING REPORT

WELL NAME: Shell Ste. Francoise. Romaine No.1

LOCATION: Lot 723-200 Range. Cte Delotbinière | PROVINCE: Que.

OPERATOR: Shell Canada Limited | CONTRACTOR: Regent Drilling ltd | RIG NO.: 6.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: G. Mulcahy | SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Allbard

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DAY	YEAR
TD 1926				16	11	24	71

DP. / DC. SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	Dih Well	560P	8"
2	EMSCO	700D	16"

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	9 5/8	36/40	49.	1926				

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL			1½	1½
3	HOLE OPENING				
4	CORING				
5	REAM / CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS		4	1½	5½
7	RIG SERVICE				
8	RIG REPAIR	8			8
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.		4	5	9
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	
	HOURS FOR SHELL ACCOUNT	16 hrs	24hrs		
BOILER HOURS	BOILER	8	8	8.	24
	Blue Jays				

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			
		BIT		FT.
		I.D. x	O.D.	FT.
		I.D. x	O.D.	FT.
		I.D. x	O.D.	FT.
		I.D. x	O.D.	FT.
		I.D. x	O.D.	FT.
		I.D. x	O.D.	FT.
		I.D. x	O.D.	FT.
	D.P.	STANDS		FT.
	D.P.	SINGLES		FT.
	KELLY DOWN			FT.
	TOTAL			FT.
W.T. OF DC				LBS.
W.T. OF STRING				LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)
2	TORQUE AT BOTTOM (OF TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME				
WEIGHT				
FUNNEL VIS.-SEC.				
PV / YP	/	/	/	/
GELS				
W.L.-C.C.				
F.C. 1/32"				
PH				
% OIL				
% SAND				

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D BR-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8	12[00]	8[00]	8	Change Rams + Work ON Bops. crew working on rams 8 hrs.

DRILLER: C Lavoie

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			
1	Eb	BIT 7 7/8 x 6 3/4		3.90 FT.
1	CMS	I.D. x 6 3/4	O.D.	30.92 FT.
12	DC	I.D. x 6 1/4	O.D.	360.00 FT.
		I.D. x	O.D.	FT.
		I.D. x	O.D.	FT.
		I.D. x	O.D.	FT.
		I.D. x	O.D.	FT.
		I.D. x	O.D.	FT.
		I.D. x	O.D.	FT.
	D.P.	STANDS		FT.
	D.P.	SINGLES		FT.
	KELLY DOWN			FT.
	TOTAL			FT.
W.T. OF DC				LBS.
W.T. OF STRING				LBS.

BIT RECORD

BIT NO.	1
SIZE	9 3/4
MFG.	SEC
TYPE	S 33
SERIAL NO.	2M9925 10 11 12
JETS 1/32"	
DEPTH OUT	
DEPTH IN	1229
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)
2	TORQUE AT BOTTOM (OF TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME				
WEIGHT				
FUNNEL VIS.-SEC.				
PV / YP	/	/	/	/
GELS				
W.L.-C.C.				
F.C. 1/32"				
PH				
% OIL				
% SAND				

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D BR-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
15	8[00]	12[00]	4	PRESSURE TRST BLIND RAMS + MAN IP&LD + MANIFOLD TO 2700 PSI ¼ HR FN LEAKS ETC
4	12[00] / 12[00]	4[00] / 4[00]		RUN IN REFLECTOSCOPING DRILL COLLARS TROUBLE GETTING THROUGH BOWL (WELD)
				PRESSURE TESTED BLIND RAMS 9⅝ CASING TO 2800 PSI 10 MIN HELD OK R ¼ h.
				CHECKED MOTOR SHUTT OFFS.

DRILLER: Paul Sm

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE			
1		BIT 7 7/8 x 6 3/4		3.90 FT.
12	DC	I.D. x 6 1/4	O.D.	360.81 FT.
1	XO	I.D. x 6 3/4	O.D.	2.45 FT.
1	MANIFOLD	I.D. x 6 3/4	O.D.	30.82 FT.
		I.D. x	O.D.	FT.
		I.D. x	O.D.	FT.
		I.D. x	O.D.	FT.
		I.D. x	O.D.	FT.
		I.D. x	O.D.	FT.
		I.D. x	O.D.	FT.
16	D.P.	STANDS	1506.15	FT.
	D.P.	SINGLES		FT.
	KELLY DOWN		16.	FT.
	TOTAL			FT.
W.T. OF DC			35M	LBS.
W.T. OF STRING			96M	LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1	HOLE DRAG (1000 #)
2	TORQUE AT BOTTOM (OF TURNS)
3	FILL ON BOTTOM (FEET)

MUD RECORD

TIME				
WEIGHT				
FUNNEL VIS.-SEC.				
PV / YP	/	/	/	/
GELS				
W.L.-C.C.				
F.C. 1/32"				
PH				
% OIL				
% SAND				

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D BR-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	4[00] / 5[30]	5[30]	1½	FINISH RUNNING IN PRESSURE TEST PIPE RAMS HYDRIL KELLY Cock, + STABBING VALVE + BOP MANIFOLD. BLOW OUT ALL LINES WITH STEAM + DISPL MUD TO DIESEL FUEL
	10[30]		5	DRILL OUT DISSERVING CEMENT CONTAMINATED
	12[00]		1½	WATER + DISPLACE HOLE TO WATER
PRESSURE TESTED				4½ RAMS TO 2800 PSI 10 MIN OK. HYDRILL TO 2320 PSI 10 MIN OK LOWER KELLY COCK TO 2450 UPPER KELLY COCK NO TEST.

DRILLER: Joe Robert

DAILY DRILLING REPORT

(P-38 (9/70))

WELL NAME: Shell Ste Francoise Romaine No.1

LOCATION: Lot 723-200 Range Cte Petite Riviere — PROVINCE: Que

OPERATOR: Shell Canada Limited — SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mayfield

CONTRACTOR: Regent Drilling Ltd — SIGNATURE OF CONTRACTOR REPRESENTATIVE: J. Hilborn — RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
TD 1929.				16	11	23	71

	DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT. O.D.	TYPE THREAD	PUMP	PUMP MANUFACTURER	TYPE	STROKE LENGTH

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	9 5/8	36/40	49			1926.		

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS				
7	RIG SERVICE				
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.	8	8	8	
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	2042			
CONTRACTOR'S ACCOUNT	BOILER	8	8		

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

		FT.
BIT		
D.P.	STANDS	
D.P.	SINGLES	
KELLY DOWN		
TOTAL		
WT. OF DC		LBS.
WT. OF STRING		LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000 #)
2 TORQUE AT BOTTOM (DP TURNS)
3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	
WEIGHT	
FUNNEL VIS./SEC.	
PV/YP	/
GELS	/
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
14	12.00	8.00	8	Nipple up.

DRILLER: C Lavoie

DAY TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

		FT.
BIT		
D.P.	STANDS	
D.P.	SINGLES	
KELLY DOWN		
TOTAL		
WT. OF DC		LBS.
WT. OF STRING		LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000 #)
2 TORQUE AT BOTTOM (DP TURNS)
3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	
WEIGHT	
FUNNEL VIS./SEC.	
PV/YP	/
GELS	/
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Polymer	200 #		
Potash	1020 #		
Meteo Clear	100 #		
Caustic	100 #		

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
14	8.00	4.00	8	NIPPLE UP

DRILLER

EVENING TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

		FT.
BIT		
D.P.	STANDS	
D.P.	SINGLES	
KELLY DOWN		
TOTAL		
WT. OF DC		LBS.
WT. OF STRING		LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
SERIAL NO.	
JETS 1/32"	
DEPTH OUT	
DEPTH IN	
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000 #)
2 TORQUE AT BOTTOM (DP TURNS)
3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	
WEIGHT	
FUNNEL VIS./SEC.	
PV/YP	/
GELS	/
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
14	4.00	12.00	8	NIPPLE UP + CHG. RAMS
				(2 men work on rams 5 hrs)

DRILLER: J Kozuch

DAILY DRILLING REPORT

(P-38 (8/70))

WELL NAME: Shell Ste Francoise Romaine No. 1

LOCATION: Lot 722-200 Range Cte Delaterriere — PROVINCE: Que

OPERATOR: Shell Canada Limited — SIGNATURE OF OPERATOR'S REPRESENTATIVE: D. Mulcahy

CONTRACTOR: Regent Drilling Ltd. — SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Hubbard — RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
TD. 1929.				15	11	22	71

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT. O.D.	TYPE THREAD

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	O.L.Well	560P	8"
2	Emsco	700D	16"

	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
LAST CASING	20"			177.				
TUBING OR LINER	9 5/8	36 40	49.	1926			975	Good returns

TIME DISTRIBUTION — HOURS

CODE No.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING	1½			1½
6	TRIPS	2			2
7	RIG SERVICE				
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT	3			3
13	WAIT ON CEMENT	2½	4		6½
14	NIPPLE UP B.O.P.		4	8	12
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	
	HOURS FOR SHELL ACCOUNT	8	8	8	24
GOVERNMENT REPORTS	BOILER	8	8	8	

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT — FT.

I.D. x O.D. — FT.

I.D. x O.D. — FT.

I.D. x O.D. — FT.

I.D. x O.D. — FT.

I.D. x O.D. — FT.

I.D. x O.D. — FT.

I.D. x O.D. — FT.

I.D. x O.D. — FT.

I.D. x O.D. — FT.

I.D. x O.D. — FT.

D.P. STANDS — FT.

D.P. SINGLES — FT.

KELLY DOWN — FT.

TOTAL — FT.

WT. OF DC — LBS.

WT. OF STRING — LBS.

BIT RECORD

BIT NO. 2 — RUN A TOTAL OF 49 Stds @ 1926 feet OF 9 5/8" 36# AND 40# ST&C CASING

SIZE

MFG. — LANDED 1926'

TYPE K.B. / NEW

SERIAL NO.

JETS 1/32" — CEMENTED WITH 975 SX OF

DEPTH OUT — INSTRUCTION CEMENT. GOOD

DEPTH IN — RETURNS. CIRC'D 100 Bbls to SUMP

TOTAL FOOTAGE

TOTAL HRS. RUN

BIT CONDITION 1/8'S T/B 1/8" GAGE — CEMENT IN PLACE 5:30 AM.

HOLE CONDITION

1 HOLE DRAG (1000 #)

2 TORQUE AT BOTTOM (DP TURNS)

3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME

FUNNEL VIS.-SEC.

PV / YP

GELS

W.L.-C.C.

F.C. 1/32"

PH

% OIL

% SAND

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
TD	1929													

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12	12:00	1:00	1	Finish Running Csg.
6	1:00	3:00	2	R.I.H. with D.P. To Cement.
5	3:00	4:30	1½	Circ + Rig To Cement.
12	4:30	5:30	1	Run Cement.
13	5:30	8:00	2½	W.O.C. Pull Drill Pipe out of Csng.

DRILLER: C. Lorange

DAYTOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT — FT.

I.D. x O.D. — FT.

I.D. x O.D. — FT.

I.D. x O.D. — FT.

I.D. x O.D. — FT.

I.D. x O.D. — FT.

I.D. x O.D. — FT.

I.D. x O.D. — FT.

I.D. x O.D. — FT.

I.D. x O.D. — FT.

I.D. x O.D. — FT.

D.P. STANDS — FT.

D.P. SINGLES — FT.

KELLY DOWN — FT.

TOTAL — FT.

WT. OF DC — LBS.

WT. OF STRING — LBS.

BIT RECORD

BIT NO.

SIZE

MFG.

TYPE

SERIAL NO.

JETS 1/32"

DEPTH OUT

DEPTH IN

TOTAL FOOTAGE

TOTAL HRS. RUN

BIT CONDITION 1/8'S T/B 1/8" GAGE

HOLE CONDITION

1 HOLE DRAG (1000 #)

2 TORQUE AT BOTTOM (DP TURNS)

3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME

WEIGHT

FUNNEL VIS.-SEC.

PV / YP

GELS

W.L.-C.C.

F.C. 1/32"

PH

% OIL

% SAND

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
3	8:00	12:00	4	W.O.C.
14	12:00	4:00		Nipple up cut of casing & Cond Pump + Clean Tanks Remove Hydril

DRILLER: Paul Bard

EVENING TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT — FT.

I.D. x O.D. — FT.

I.D. x O.D. — FT.

I.D. x O.D. — FT.

I.D. x O.D. — FT.

I.D. x O.D. — FT.

I.D. x O.D. — FT.

I.D. x O.D. — FT.

I.D. x O.D. — FT.

I.D. x O.D. — FT.

I.D. x O.D. — FT.

D.P. STANDS — FT.

D.P. SINGLES — FT.

KELLY DOWN — FT.

TOTAL — FT.

WT. OF DC — LBS.

WT. OF STRING — LBS.

BIT RECORD

BIT NO.

SIZE

MFG.

TYPE

SERIAL NO.

JETS 1/32"

DEPTH OUT

DEPTH IN

TOTAL FOOTAGE

TOTAL HRS. RUN

BIT CONDITION 1/8'S T/B 1/8" GAGE

HOLE CONDITION

1 HOLE DRAG (1000 #)

2 TORQUE AT BOTTOM (DP TURNS)

3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME

WEIGHT

FUNNEL VIS.-SEC.

PV / YP

GELS

W.L.-C.C.

F.C. 1/32"

PH

% OIL

% SAND

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	4:00	12:00	8	Nipple up + Pump + Clean Tanks + Fill with Water

DRILLER: Joe Robert

CP-38 (8/70)

DAILY DRILLING REPORT

WELL NAME: Shell Ste Francoise Romaine No. 1

LOCATION: Lot 211-200 Range Cte Delatiniere — PROVINCE: Que

OPERATOR: Shell Canada Limited — SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

CONTRACTOR: Regent Drilling Ltd. — SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: [signature]

RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
1848				14	11	21	71

DP. / DC. SIZE	WT. I.D.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
9"	196		2 3/4	7" H 90		1	Oil Well	560P	8"
1 3/4	105		2 3/4	5" H 90		2	EMSCO	700	16"

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	20"			177'				

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	4½	2¾		7¼
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING	¼	1		1¼
6	TRIPS	3	4½		7½
7	RIG SERVICE	¼			¼
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY		½		½
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT			6½	6½
13	WAIT ON CEMENT			18½	6½
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS			1½	1½
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	8042			
COMPANY EQUIPMENT RENTED TO CONTRACTOR	BOILER	8	8		

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT / DESCRIPTION	FT.
1		BIT	
1	E3	I.D. 2 7/8 x O.D. 9	3.00 FT.
2	DC	I.D. 2 7/8 x O.D. 9	60.66 FT.
1	SR	I.D. 2 7/8 x O.D. 9	6.90 FT.
1	DC	I.D. 2 7/8 x O.D. 9	30.35 FT.
1	XO	I.D. 2 7/8 x O.D. 9	3.38 FT.
1	DC	I.D. 2 7/8 x O.D. 7	30.82 FT.
12	DC	I.D. 2 7/8 x O.D. 6 1/4	361.01 FT.
1	XO	I.D. 2 7/8 x O.D. 6 1/2	2.45 FT.
		I.D. X O.D.	FT.
14	D.P.	STANDS	FT.
1	D.P.	SINGLES	135.05 FT.
		KELLY DOWN	36.27 FT.
		TOTAL	1886.00 FT.
		WT. OF DC	47000 LBS.
		WT. OF STRING	93000 LBS.

BIT RECORD

BIT NO.	6	RR 4
SIZE	12¼	12¼
MFG.	Sec	Sec
TYPE	OSJ	S44J
SERIAL NO.	328338	263439
JETS 1/32"	13 13 13	13 13 13
DEPTH OUT	1870	
DEPTH IN	1572	1870
TOTAL FOOTAGE	298	16.
TOTAL HRS. RUN	32¾	2
BIT CONDITION 1/8'S T/B 1/8" GAGE	1 1	6

HOLE CONDITION

1	HOLE DRAG (1000 #)	NIL.
2	TORQUE AT BOTTOM (DP TURNS)	Nil
3	FILL ON BOTTOM (FEET)	10

MUD RECORD

TIME	12⁰⁰	2⁰⁰
WEIGHT	10.3	10.3
FUNNEL VIS.-SEC.	70	68
PV/YP		
GELS.	/	/
W.L.-C.C.	34	
F.C. 1/32"	3/32	
PH	11	
% OIL		
% SAND		

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
1848	1886.	4½	D		Shale	40	58	1400		5½				

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION
1870	1 1/8							

MORNING TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	12⁰⁰	12¹⁵	¼	Rig Ser.
2	12¹⁵	2⁴⁵	2½	Drlg
6	2⁴⁵			Acap Totco POH. Chg Bit & RiH
		5⁴⁵	3.	Strap Out.
5	5⁴⁵	6⁰⁰	¼	Clean 10' Fill To Bottom
2	6⁰⁰	10⁰⁰	2	Drlg.
				Strap 1891: 84
				Tally. 1890 73
				Diff 1:11

DRILLER: C Sprague

BIT RECORD

BIT NO.	RR4	
SIZE	12¼	
MFG.	SEC	
TYPE	S44J	
SERIAL NO.	263439	
JETS 1/32"	13 13 13	
DEPTH OUT	1929	
DEPTH IN	1870	
TOTAL FOOTAGE		
TOTAL HRS. RUN		
BIT CONDITION 1/8'S T/B 1/8" GAGE		

HOLE CONDITION

1	HOLE DRAG (1000 #)	OK
2	TORQUE AT BOTTOM (DP TURNS)	
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	8⁰⁰	12⁰⁰
WEIGHT	10.4	10.4
FUNNEL VIS.-SEC.	69	63
PV/YP		
GELS.	/	/
W.L.-C.C.		
F.C. 1/32"		
PH		
% OIL		
% SAND		

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
1946	1929	23¼	D		Shale	35	160	1400		5½	160			

DAY TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	8⁰⁰	8¹⁵	¼	SERVICE RIG
2	8¹⁵	11⁰⁰	2¾	DRLG 12¼" HOLE
				~~DS DIRECTION BOTTOM SURVEY~~
5	11⁰⁰	12⁰⁰	1	CIRC HOLE TO RUN CASING
10	12⁰⁰	12³⁰	½	DIRECTION SURVEY
	12³⁰			TRIP OUT FOR SURVEY EVERY 5 STANDS
6		4⁰⁰	3½	LAY DOWN 6¾"

DRILLER: [signature]

EVENING TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
20	4⁰⁰	5³⁰	1½	LAY DOWN 9" COLLARS + PICKUP 12 SINGLES
	5³⁰	18⁰⁰	2½	RIG UP TO RUN CASING + ~~RUN CASING~~
	8⁻	12⁻	4	RUN CASING

DRILLER: Joe Robert

DAILY DRILLING REPORT

WELL NAME: Shell Ste Françoise Romaine No. 1
LOCATION: Lot 723, 200 Range Cte De La Trinité
PROVINCE: Que.

OPERATOR: Shell Canada Limited
SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Millerink
CONTRACTOR: Recent Drilling Ltd
SIGNATURE OF CONTRACTOR'S REPRESENTATIVE:
RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
1646	1848	202	22 1/4	13	11	20	71

DP / DC SIZE	WT / FT	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
9"	196		2 3/4		7"H90	1	OilWell	560P	8"
6 3/4	105		2 3/4		5"H90	2	EMSCO	700D	16"

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	20"			177				

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7 1/2	7 1/4	7 1/2	22 1/4
3	HOLE OPENING				
4	CORING				
5	REAM (LABEL TO BOTTOM & CIRCULATING				
6	TRIPS				
7	RIG SERVICE	1/4	1/4	1/4	3/4
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY	1/4	3/4	1	
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	
	HOURS FOR SHELL ACCOUNT	20 1/2			24
BOILER HOURS	BOILER	8	8	8	

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN		SHUT	
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT		FT.
1		E3	12 1/4 I.D. 3 x 9 O.D.	3.00
2		DC	9 I.D. 3 x 9 O.D.	60.66
1		SR	9 I.D. 3 x 9 O.D.	6.90
1		DC	9 I.D. 2 13/16 x 9 O.D.	30.85
1		XO	9 I.D. 2 13/16 x 9 O.D.	3.38
1		DP	9 I.D. 2 13/16 x 7 O.D.	30.82
42		DC	7 I.D. 2 13/16 x 6 3/4 O.D.	361.01
1		XO	6 3/4 I.D. 2 13/16 x 6 5/8 O.D.	2.45
			I.D. x O.D.	
			I.D. x O.D.	
12		D.P.	STANDS	
2		D.P.	SINGLES	1194.32
		KELLY DOWN		27.00
		TOTAL		1720.00
		WT. OF DC		47000 LBS.
		WT. OF STRING		93000 LBS.

BIT RECORD

BIT NO.	6
SIZE	12 1/4
MFG.	SEC
TYPE	DSJ
SERIAL NO.	369338
JETS 1/32"	13 13 13
DEPTH OUT	1572
DEPTH IN	[illegible]
TOTAL FOOTAGE	[illegible] 148
TOTAL HRS. RUN	15 1/2
BIT CONDITION 1/8"S T/B 1/8" GAGE	Drlg

HOLE CONDITION

1	HOLE DRAG (1000 #)	10 000
2	TORQUE AT BOTTOM (DP TURNS)	NIL
3	FILL ON BOTTOM (FEET)	NIL

MUD RECORD

TIME	12:00	4:00	7:00
WEIGHT	10.2	10.2	10.2
FUNNEL VIS.-SEC.	55	58	56
PV / YP	/	/	/
GELS	/	/	/
W.L.-C.C.	23		23
F.C. 1/32"			
PH	10.5		10.5
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
1646	1720	7 1/2	D		Shale	35/40	60	1200		5 3/4	150			

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION
1702	7/8							

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TO	ELAPSED TIME	DETAILS
7	12:00	12:15	1/4	Rig Ser.
2	12:15	5:15	5	Drlg.
10	5:15	5:30	1/4	ToTco.
2	5:30	8:00	2 1/2	Drlg.

DRILLER: C Sprague

BIT RECORD

BIT NO.	6
SIZE	12 1/4
MFG.	SEC
TYPE	DSJ
SERIAL NO.	369338
JETS 1/32"	13 13 13
DEPTH OUT	1572
DEPTH IN	1572
TOTAL FOOTAGE	220
TOTAL HRS. RUN	22 3/4
BIT CONDITION 1/8"S T/B 1/8" GAGE	2 2 I/4

HOLE CONDITION

1	HOLE DRAG (1000 #)	5m
2	TORQUE AT BOTTOM (DP TURNS)	NIL
3	FILL ON BOTTOM (FEET)	1/4

MUD RECORD

TIME	8	10:00	3:00
WEIGHT	10.2	10.2	10.2+
FUNNEL VIS.-SEC.	52	54	54
PV / YP			
GELS	38/40		
W.L.-C.C.		3.5	
F.C. 1/32"		3/32	
PH		11.0+	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
1720	1792	7 1/4	D		SHALE	35/45	58	1400		5 3/4	160			

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION
1764								

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TO	ELAPSED TIME	DETAILS
7	8:00	8:15	1/4	SERVICE RIG
2	8:15	12:30	4 1/4	DRLG 12 1/4" HOLE
10	12:30	1:00	1/2	SURVEY
2	1:00	4:00	3	DRLG

DRILLER: R Sprague

BIT RECORD

BIT NO.	6
SIZE	12 1/4
MFG.	SEC
TYPE	DSJ
SERIAL NO.	369338
JETS 1/32"	13 13 13
DEPTH OUT	
DEPTH IN	1572
TOTAL FOOTAGE	276
TOTAL HRS. RUN	30 1/4
BIT CONDITION 1/8"S T/B 1/8" GAGE	Drlg

HOLE CONDITION

1	HOLE DRAG (1000 #)	
2	TORQUE AT BOTTOM (DP TURNS)	
3	FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	4:00	8:00	11:00
WEIGHT	10.3	10.3	10.3
FUNNEL VIS.-SEC.	70	72	73
PV / YP	/	/	/
GELS	/	/	/
W.L.-C.C.		34	34
F.C. 1/32"		3/32	3/32
PH		11	11
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Baroid	500#		
Caustic	200#		

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
1792	1848	7 1/2	D		Shale	40	58	1400		5 3/4	160			

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION
1806	3/4							

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TO	ELAPSED TIME	DETAILS
7	4:00	4:15	1/4	RIG SERVICE
2	4:15	8:30	4 1/4	DRLG
10	8:30	8:45	1/4	ToTco.
2	8:45	12:00	3 1/4	Drlg.

DRILLER: C Sprague

DAILY DRILLING REPORT

P-3A (9/70)

WELL NAME: SHELL STE FRANCOISE ROMAINE No. 1

LOCATION: LOT 123-200 RANG 1 CTE DE LOTBINIERE

PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. McClarke

CONTRACTOR: RIGGENT DRILLING LTD.

SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: G. Hibbert

RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
1486	1646	160	15 3/4	2	11	19	71

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	20"			177'				

DP / DC SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD
9'	196		2 3/4		7" H90
6 1/2	105		2 3/4		5" H90

PUMP NO. 1: PUMP MANUFACTURER: DILWELL

TYPE	STROKE LENGTH
660P	8"
D700	16"

PUMP NO. 2: PUMP MANUFACTURER: EMSCO

TYPE	STROKE LENGTH
D700	16"

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7 1/2	9 1/2	7 1/2	24
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAR TO BOTTOM & CIRCULATING				
6	TRIPS		4 1/2		4 1/2
7	RIG SERVICE	1/4		1/4	1/2
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY	1/4	1/2	1/4	1
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	20 1/2	-		24
EQUIPMENT RECORD	BOILER	8	8	8	24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

MORNING TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT				FT.
1	E3	3 7/8 x 9"		360'
2	DC	2 2/8 x 9"		606'
1	SR	3 7/8 x 9"		6.90
1	DC	2 2/8 x 9"		30.35
1	XO	3 1/2 x 9"		3.38
9	DC	I.D. 2 1/2 x O.D. 6 3/4		276.92
1	XO	I.D. x O.D.		2.45
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
12	D.P.	STANDS		FT.
1	D.P.	SINGLES		11.67 74
	KELLY DOWN			17 FT.
	TOTAL			1542 50
W.T. OF DC				39 000 LBS.
W.T. OF STRING				93 000 LBS.

BIT RECORD

BIT NO.	5
SIZE	12 1/4
MFG.	SEC
TYPE	S03
SERIAL NO.	911349
JETS 1/32"	13 13 13
DEPTH OUT	
DEPTH IN	1234
TOTAL FOOTAGE	
TOTAL HRS. RUN	32 1/4
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000 #)

2 TORQUE AT BOTTOM (DP TURNS)

3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	12 noon	2 PM	6 PM
WEIGHT	10"	10.2	10.2
FUNNEL VIS.-SEC.	62	53	50
PV / YP	/	/	/
GELS.	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
WT MATERIAL	1/2 sx		
Polymer	150 #		

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
1486	1552	7 1/2				30	50	1500		5 1/2	162			

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION
1518	1°							

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TO	ELAPSED TIME	DETAILS
7	12 00	12 15	1/4	RIG SER
2	12 15	3 45	3 1/2	DRILL 12 1/4" HOLE
10	3 45	4 00	1/4	SURVEY @ 1518
2	4 00	8 00	4	DRILL 12 1/4" HOLE

Driller: T. Bennett

DAY TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT				FT.
1	E3	3 7/8 x 9"	3.00	FT.
2	DC	2 2/8 x 9"	60.16	FT.
1	SR	3 7/8 x 9"	6.90	FT.
1	DC	2 2/8 x 9"	30.35	FT.
1	XO	3 1/2 x 9"	3.38	FT.
1	DM	3 1/2 x 7"	30.82	FT.
12	DC	2 2/8 x 6 3/4	341.01	FT.
1	XO	2 1/2 x 6 1/2	2.45	FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
11	D.P.	STANDS	1067.84	
1	D.P.	SINGLES		FT.
	KELLY DOWN		10	FT.
	TOTAL		1537	FT.
W.T. OF DC				LBS.
W.T. OF STRING				LBS.

BIT RECORD

BIT NO.	5	6
SIZE	12 1/4	12 1/4
MFG.	SEC	SEC
TYPE	S05	M55
SERIAL NO.	911349	369335
JETS 1/32"	13 13 13	13 13 13
DEPTH OUT	1572	
DEPTH IN	1234	1572
TOTAL FOOTAGE	338	2
TOTAL HRS. RUN	24	1/2
BIT CONDITION 1/8'S T/B | 1/8" GAGE	1 5 0	0 0 1

HOLE CONDITION

1 HOLE DRAG (1000 #)

2 TORQUE AT BOTTOM (DP TURNS)

3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	9 00		
WEIGHT	10.2		
FUNNEL VIS.-SEC.	50		
PV / YP	/	/	/
GELS.	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	3 600 #		

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
1552	1572	2 1/2	0		SHALE	30	50	150		5 1/2				

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION
1572	1°							

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TO	ELAPSED TIME	DETAILS
2	8 00	10 15	2 1/4	DRILL 12 1/4" HOLE
10	10 15	10 45	1/2	SURVEY + RIG SERVICE PUMP DOWN PILL
	10 45			PULL OUT DOUBLE MAS. PICK UP MONEL COLLER
6		3 30	4 3/4	+ 3-6 3/4 DRILL COLLERS RUN IN
2				DRILL 12 1/4" HOLE

STRAP 1537.50
LOG 1537.18
DIFF 2.32

Driller: C. Spruyt

EVENING TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT				FT.
1	E3	3 7/8 x 9"	3.08	FT.
2	DC	2 2/8 x 9"	60.16	FT.
1	SR	3 7/8 x 9"	6.90	FT.
1	DC	2 2/8 x 9"	30.35	FT.
1	XO	3 1/2 x 9"	3.38	FT.
1	DM	3 1/2 x 7"	30.82	FT.
12	DC	2 2/8 x 6 3/4	361.01	FT.
1	XO	2 1/2 x 6 1/2	2.45	FT.
		I.D. x O.D.		FT.
		I.D. x O.D.		FT.
12	D.P.	STANDS	1131.07	FT.
	D.P.	SINGLES		FT.
	KELLY DOWN		17	FT.
	TOTAL		1646	FT.
W.T. OF DC				LBS.
W.T. OF STRING				LBS.

BIT RECORD

BIT NO.	6
SIZE	12 1/4
MFG.	SEC
TYPE	M55
SERIAL NO.	369335
JETS 1/32"	13 13 13
DEPTH OUT	
DEPTH IN	1572
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	0 R 1

HOLE CONDITION

1 HOLE DRAG (1000 #)

2 TORQUE AT BOTTOM (DP TURNS)

3 FILL ON BOTTOM (FEET)

MUD RECORD

TIME	4 00	6	10
WEIGHT	10.1	10.2	10.2
FUNNEL VIS.-SEC.	53	44	50
PV / YP	/	/	/
GELS.	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
BARITE	3500 #		
PREMIX	40 BBLS		

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
1574	1646	7 1/2	0		SHALE	30-40	45	1400		5 1/2	160			

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION
1634	3/4							

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TO	ELAPSED TIME	DETAILS
7	4 00	4 15	1/4	RIG SERVICE
2	4 15	11 30	6 3/4	DRLG 12 1/4" HOLE
10	11	11 15	1/4	SURVEY
2	11 15	12	3/4	DRLG 12 1/4" HOLE

Driller: Paul Spruyt

CP-38 (9/70)

DAILY DRILLING REPORT

WELL NAME: CHISEL STE FOY ST-NICOLAS ROMAIN #
LOT 223-300 RANGE II CTE DALHOUSIE
PROVINCE: QUE BEC

OPERATOR: Shell Canada Limited
SIGNATURE OF OPERATOR'S REPRESENTATIVE: R Mutterlink

CONTRACTOR: REGENT DRILLING LTD.
SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J Callahan
RIG NO: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
1392	1486	94	135 3/4	11	11	18	71

BIT / DC SIZE	WT / FT	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD
9"	196		2 3/4		4" IF
6 3/4	105		2 3/4		3" IF

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OILWELL	560D	8"
2	EMSCO	D700	16"

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	RB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	20"			177				

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	1	3 3/4	6 3/4	10 1/2
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS				
7	RIG SERVICE	1/4	1/4	1/4	3/4
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY		1/4	3/4	1
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD	6 3/4	4 1/4	1/4	11 3/4
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	Code 20	8	8	24
	BOILER	8	8	8	24

DESILTER PERFORMANCE

	MORN	DAY	EVE
HOURS RUN	1	0	0
INTAKE WEIGHT - PPG		SHUT	
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG		DOWN	
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

800 PSI 1/2 THROTTLE

MORNING TOUR

DRILLING ASSEMBLY — AT END OF TOUR

NO.	CODE	BIT / EQUIPMENT	I.D.	O.D.	FT.
		BIT			
1		E3	2 7/8	9	3.00
2		DC	2 7/8	9	60.66
1		SR	2 7/8	9	6.90
1		DC	2 7/8	9	30.53
1		XO	2 7/8	9	3.38
9		DC	2 7/8	6 3/4	269.82
1		XO	2 7/8	6 3/4	2.45
10		D.P. STANDS			
2		D.P. SINGLES			1005.80
		KELLY DOWN			18.00
		TOTAL			1400
		WT. OF DC			39000 LBS
		WT. OF STRING			81000 LBS

BIT RECORD

BIT NO.	5
SIZE	12 1/4
MFG.	SEC
TYPE	DSJ
SERIAL NO.	911349
JETS 1/32"	13 13 13
DEPTH OUT	
DEPTH IN	1234
TOTAL FOOTAGE	186
TOTAL HRS. RUN	15 1/2
BIT CONDITION 1/8'S T/B/1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000 #)
2 TORQUE AT BOTTOM (OF TURNS)
3 FILL ON BOTTOM (FEET)

MUD RECORD

	12 MID	2AM	8AM
TIME			
WEIGHT	8.8	8.7	8.4
FUNNEL VIS.-SEC.	49	48	45
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
2 BAGS	100	GEL	0
WHITE MAT			

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
1392	1400	1				30	54	1000		5 7/8	18			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
	1200	12 15	1/4	RIG SER
	12 15	1 15	1	DRILL 12 1/4" HOLE
	1 15			GAS KICK CIRC THROUGH DEGASSER +
		800	6 3/4	COND MUD

DRILLER: Joe Robert

DAY TOUR

DRILLING ASSEMBLY — AT END OF TOUR

NO.	CODE	BIT / EQUIPMENT	I.D.	O.D.	FT.
		BIT			
1		E3	2 7/8	9	3.00
2		DC	2 7/8	9	60.66
1		SR	2 7/8	9	6.90
1		DC	2 7/8	9	30.53
1		XO	2 7/8	9	3.38
9		DC	2 7/8	6 3/4	269.82
1		XO	2 7/8	6 3/4	2.45
10		D.P. STANDS			
2		D.P. SINGLES			1005.80
		KELLY DOWN			40.00
		TOTAL			1422.54
		WT. OF DC			39000 LBS
		WT. OF STRING			91000 LBS

BIT RECORD

BIT NO.	5
SIZE	12 1/4
MFG.	SEC
TYPE	DSJ
SERIAL NO.	911349
JETS 1/32"	13 13 13
DEPTH OUT	
DEPTH IN	1234
TOTAL FOOTAGE	188
TOTAL HRS. RUN	18
BIT CONDITION 1/8'S T/B/1/8" GAGE	DRG.

HOLE CONDITION

1 HOLE DRAG (1000 #)
2 TORQUE AT BOTTOM (OF TURNS)
3 FILL ON BOTTOM (FEET)

MUD RECORD

	10 00	12 00	2 00
TIME			
WEIGHT	9.5	9.2	9.9
FUNNEL VIS.-SEC.	43	44	48
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Baroid	24 000		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
1400	1422	2 3/4	0		Shale	20	52	1000		5 7/8 5 7/8				

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
1400	1 1/8							

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
7	8 00	8 15	1/4	Rig Ser.
21	8 15	9 15	1	Mix Wt Material
10	9 15	9 30	1/4	To TCO
2	9 30	12 15	2 3/4	Drlg.
21	12 15			Circ Bottoms up Gas Cut Mud From.
		4 00	3 3/4	9.2 To 7.5 Cir + Mix Wt Material

DRILLER: C Sprague

EVENING TOUR

DRILLING ASSEMBLY — AT END OF TOUR

NO.	CODE	BIT / EQUIPMENT	I.D.	O.D.	FT.
		BIT			
1		E3	2 7/8	9	3.00
2		DC	2 7/8	9	60.66
1		SR	2 7/8	9	6.90
1		DC	2 7/8	9	30.53
1		XO	2 7/8	9	3.38
9		DC	2 7/8	6 3/4	269.82
1		XO	2 7/8	6 3/4	2.45
10		D.P. STANDS			1068.80
11		D.P. SINGLES			418
		KELLY DOWN			
		TOTAL			1486.87
		WT. OF DC			LBS
		WT. OF STRING			LBS

BIT RECORD

BIT NO.	5
SIZE	12 1/4
MFG.	SEC
TYPE	DSJ
SERIAL NO.	911349
JETS 1/32"	13 13 13
DEPTH OUT	
DEPTH IN	1234
TOTAL FOOTAGE	252
TOTAL HRS. RUN	24 3/4
BIT CONDITION 1/8'S T/B/1/8" GAGE	DRG

HOLE CONDITION

1 HOLE DRAG (1000 #)
2 TORQUE AT BOTTOM (OF TURNS)
3 FILL ON BOTTOM (FEET)

MUD RECORD

	5 00	9	
TIME			
WEIGHT	10.0	9.9	
FUNNEL VIS.-SEC		48	
PV/YP	8 / 48	2	
GELS	29 / 40	/	
W.L.-C.C.			
F.C. 1/32"		2/32	
PH		10.0	
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
GEL	3000 #		
BARITE	5500		
CASTIC	100 #		
POLYMER	250 #		
ROTASH	2000 #		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
1422	1486	6 3/4	0		SHALE	30	50	1400		6 3/4	180			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
1450	1 1/2		1482	1 1/4				

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS
	4 00	4 15	1/4	RIG SERVICE
	4 15	4 30	1/4	MIX WT MATERIAL
	4 30	8 00	3 1/2	DRLG 12 1/4" HOLE
	8 00	8 15	1/4	SURVEY
	8 15	11 30	3 1/4	DRLG
	11 30	12 00	1/2	SURVEY

DRILLER: P Gray

CP-30 (9/70)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAIN #1

LOCATION: LOT 723-200 RANGE 14 CTIE DE LOTBINIERE — PROVINCE: QUE

OPERATOR: Shell Canada Limited — SIGNATURE OF OPERATOR'S REPRESENTATIVE: A. MacLeod

CONTRACTOR: REGENT DRILLING LTD. — SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Wilson — RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DAY	YEAR
1192	1392	200	125 1/4	10	11	17	71

DR. / DC. SIZE	WT. / FT	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
9"	196		2 3/4		7" H90	1	OILWELL	560P	8"
630'	165		2 3/4		5" H90	2	BMSCO	D700	16"

LAST CASING TUBING OR LINER: SIZE 20" — WT. AND GR. — NO. OF JOINTS — FEET 177 — RD. TO CSG. HEAD — SET AT — CEMENT USED (SACKS) — REMARKS

TIME DISTRIBUTION — HOURS

NUMBER	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	4 1/2	7	6 3/4	18 1/2
3	WHILE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING	1/2			1/2
6	TRIPS	2 1/2			2 1/2
7	RIG SERVICE		1/4	1/4	1/2
8	RIG REPAIR		1/2		1/2
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY	1/2	1/4	1	1 3/4
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	2042			24
EQUIPMENT FUNCTIONING	BOILER	8	8	8	24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN	4 1/4	8	8
INTAKE WEIGHT - PPG			8.8
OVERFLOW WEIGHT - PPG			8.8
UNDERFLOW WEIGHT - PPG			9.1
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

1/2 T. PSI 600

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	EB	12 1/4 in 9 in	3.00
2	DC	12 1/4 in x 9 in	60.66
1	SR	12 1/4 in x 9 in	6.90
1	DC	12 1/4 in x 9 in	30.53
1	XO	12 1/4 in x 9 in	3.38
9	DC	12 1/4 in x 6 1/2 in	269.92
1	XO	12 1/4 in x 6 1/2 in	2.45
		I.D. x O.D.	
		I.D. x O.D.	
		I.D. x O.D.	
9	D.P.	STANDS	848.18
	D.P.	SINGLES	
	KELLY DOWN		14.00
	TOTAL		1227.74
	WT. OF DC		34 M LBS
	WT. OF STRING		LBS

BIT RECORD

BIT NO.	4	5
SIZE	12 1/4	12 1/4
MFG.	SEC	SEC
TYPE	S8J	OSJ
SERIAL NO.	267249911789	
JETS 1/32"	n/n/n/5	3-13
DEPTH OUT	1234	
DEPTH IN	858	1234
TOTAL FOOTAGE	342	4
TOTAL HRS. RUN	36 3/4	1/2
BIT CONDITION 1/8'S T/B | 1/8" GAGE		

HOLE CONDITION

1 HOLE DRAG (1000 #):
2 TORQUE AT BOTTOM (DP TURNS):
3 FILL ON BOTTOM (FEET): 10

MUD RECORD

TIME	12 MID	2 AM
WEIGHT	8.9	8.8
FUNNEL VIS.-SEC.	37	44
PV/YP	/	/
GELS.	/	/
W.L.-C.C.		
F.C. 1/32"		
PH		
% OIL		
% SAND		

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
POTASH	500 #		
POLYMER	750 #		

FOOTAGE — MORNING TOUR

FROM	TO	HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
1192	1238	4 1/2				5/10	180	1100		5 3/4	160			
						15	160	100						

DEVIATION RECORD: 1202 — 1 1/2° — 1234 — 1 1/2°

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	1200	1 15	1 1/4	DRILL 12 1/4" HOLE
	1 15	1 30	1/4	CIRC & WORK PIPE
	1 30	1 45	1/4	SURVEY 1202 + RIG SER
	1 45	4 05	3	DRILL 12 1/4" HOLE,
	4 05	5 00	1/4	SURVEY @ 1234
	5 00	7 15	2 1/4	PULL OUT + C BITS + RUN IN
	7 15	7 30	1/4	CLEAN 10' FILL TO BOTTOM
	7 30	600	1/2	

DRILLER: Joe Robert

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	EB	12 1/4 in 9 in	3.00
2	DC	12 1/4 in x 9 in	60.66
1	SR	12 1/4 in x 9 in	6.90
1	DC	12 1/4 in x 9 in	30.53
1	XO	12 1/4 in x 9 in	3.38
9	DC	12 1/4 in x 6 1/2 in	269.82
1	XO	12 1/4 in x 6 1/2 in	2.45
		I.D. x O.D.	
		I.D. x O.D.	
		I.D. x O.D.	
9	D.P.	STANDS	
1	D.P.	SINGLES	879.85
	KELLY DOWN		33.41
	TOTAL		1290.00
	WT. OF DC		39 000 LBS
	WT. OF STRING		90 000 LBS

BIT RECORD

BIT NO.	5	
SIZE	12 1/4	
MFG.	Sec	
TYPE	OSJ	
SERIAL NO.	911349	
JETS 1/32"	13/13/13	
DEPTH OUT		
DEPTH IN	1234	
TOTAL FOOTAGE	56	
TOTAL HRS. RUN	7 1/2	
BIT CONDITION 1/8'S T/B | 1/8" GAGE	Drlg	

HOLE CONDITION

1 HOLE DRAG (1000 #):
2 TORQUE AT BOTTOM (DP TURNS):
3 FILL ON BOTTOM (FEET):

MUD RECORD

TIME	10 00	12 00	2 00
WEIGHT	8 6	8.6	8.7
FUNNEL VIS.-SEC.	45	43	40
PV/YP	/	/	/
GELS.	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE — DAY TOUR

FROM	TO	HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
1238	1290	7	D		Shale.	20/25	60	600		5 3/4	130			

DEVIATION RECORD: 1265 — 1 1/2°

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	8 00	8 15	1/4	Rig Ser.
2	8 15	11 45	3 1/2	Drlg
10	11 45	12 00	1/4	Totco.
2	12 00	12 30	1/2	Drlg
8	12 30	1 00	1/2	Repair Air line
2	1 00	4 00	3	Drlg.

DRILLER: C Sprague

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	EB	12 1/4 in 9 in	3.00
2	DC	12 1/4 in x 9 in	60.66
1	SR	12 1/4 in x 9 in	6.90
1	DC	12 1/4 in x 9 in	30.53
1	XO	12 1/4 in x 9 in	3.38
9	DC	12 1/4 in x 6 1/2 in	269.82
1	XO	12 1/4 in x 6 1/2 in	2.45
		I.D. x O.D.	
		I.D. x O.D.	
		I.D. x O.D.	
10	D.P.	STANDS	974.32
1	D.P.	SINGLES	
	KELLY DOWN		41
	TOTAL		1392.00
	WT. OF DC		39 M LBS
	WT. OF STRING		80 M LBS

BIT RECORD

BIT NO.	5	
SIZE	12 1/4	
MFG.	SEC	
TYPE	OSJ	
SERIAL NO.	911349	
JETS 1/32"	13/13/13	
DEPTH OUT		
DEPTH IN	1234	
TOTAL FOOTAGE	158	158
TOTAL HRS. RUN	14 1/4	
BIT CONDITION 1/8'S T/B | 1/8" GAGE		

HOLE CONDITION

1 HOLE DRAG (1000 #):
2 TORQUE AT BOTTOM (DP TURNS):
3 FILL ON BOTTOM (FEET):

MUD RECORD

TIME	~~4 00~~	8 00	10
WEIGHT	8.8	8.9	
FUNNEL VIS.-SEC.	38	36	
PV/YP	/	/	/
GELS.	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			10.5
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
POLYMER	100 #	H2O	
TRANSFER 20 BBLS OF PREMIX TO SYSTEM			

FOOTAGE — EVENING TOUR

FROM	TO	HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
1290	1392	6 1/4	OR		SHALE	25/30	50	1200		5 3/4	180			Comp

DEVIATION RECORD: 1295 — ~~1 1/2°~~ — 1326 — 1 1/2°

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	4 00	4 15	1/4	SERVICE RIG
10	4 15	4 30	1/4	SURVEY
2	4 30	6 30	2	DRLG 12 1/4" HOLE
10	6 30	7 15	3/4	SURVEY + BLOW FLARE LINES
	7 15	12 M	4 3/4	DRLG

DRILLER: Paul Gray

MORNING TOUR — DAY TOUR — EVENING TOUR

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAIN #1

LOCATION: LOT 72B-200 RANGE II CTE DELOTBINIERE — PROVINCE: QUE

OPERATOR: Shell Canada Limited — SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mefrink

CONTRACTOR: REGENT DRILLING LTD. — SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Delorme — RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
927	1192	265	80¾	9	11	16	71

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	20"			177'				

TIME DISTRIBUTION — HOURS

CODE	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7¼	7½	7½	22¼
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS				
7	RIG SERVICE	¼	¼	¼	¾
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY	½	¼	¼	1
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	HEADDING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	8	8	8	24
	BOILER	8	8	8	24

PH 10.5 in Dreg

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN	8	8	8
INTAKE WEIGHT - PPG	8.8		
OVERFLOW WEIGHT - PPG	8.4		
UNDERFLOW WEIGHT - PPG	9.1		
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

½ THROTTLE 600 PSI

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT
1		E3 3⅞ x 9	3.00
2		DC 3⅞ x 9	60.66
1		SR 3⅞ x 9	6.90
1		DC 3⅞ x 9	30.57
1		XO 3⅞ x 9	3.38
9		DC 3⅞ x 6¾	269.82
1		XO 3⅞ x 6½	2.45
		I.D. x O.D.	FT
		I.D. x O.D.	FT
		I.D. x O.D.	FT
6		D.P. STANDS	FT
2		D.P. SINGLES	627.96
		KELLY DOWN	FT
		TOTAL	FT
		WT. OF DC	39M LBS.
		WT. OF STRING	90M LBS.

BIT RECORD

BIT NO.	4
SIZE	12¼
MFG.	SEC
TYPE	S44J
SERIAL NO.	263439
JETS 1/32"	13 13 15
DEPTH OUT	1234
DEPTH IN	958
TOTAL FOOTAGE	276
TOTAL HRS. RUN	17½
BIT CONDITION 1/8"S T/B | 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

	12 MID	2AM	6AM
TIME			
WEIGHT	9.4	9.8	8.7
FUNNEL VIS.-SEC	40	40	40
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
POLYPAC 300#			
POLY MIS			

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
927	1027	7¼			SHALE	5/10	160/150	1000		5¾	154			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
952	1°		1014	1½°				

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TO	ELAPSED TIME	
	12 00	12 15	¼	RIG SER.
	12 15	2 15	2	DRILL 12¼" HOLE
	2 15	2 30	¼	SURVEY
	2 30	6 30	4	DRILL 12¼" HOLE
	6 30	6 45	¼	SURVEY
	6 45	8 00	1¼	DRILL 12¼" HOLE

DRILLER: Ted Robert

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT
1		E3 3⅞ x 9	3.00
2		DC 3⅞ x 9	60.66
1		SR 3⅞ x 9	6.90
1		DC 3⅞ x 9	30.53
1		XO 3⅞ x 9	3.38
9		DC 3⅞ x 6¾	269.82
1		XO 3⅞ x 6½	2.45
		I.D. x O.D.	FT
		I.D. x O.D.	FT
		I.D. x O.D.	FT
7		D.P. STANDS	FT
1		D.P. SINGLES	690 47
		KELLY DOWN	39 79
		TOTAL	1107.00
		WT. OF DC	39M LBS.
		WT. OF STRING	80M LBS.

BIT RECORD

BIT NO.	4
SIZE	12¼
MFG.	Sec
TYPE	S44S
SERIAL NO.	263439
JETS 1/32"	13 13 15
DEPTH OUT	
DEPTH IN	858
TOTAL FOOTAGE	249
TOTAL HRS. RUN	25
BIT CONDITION 1/8"S T/B | 1/8" GAGE	Drlg

HOLE CONDITION

1 HOLE DRAG (1000#)	N.L.
2 TORQUE AT BOTTOM (DP TURNS)	N.L.
3 FILL ON BOTTOM (FEET)	N.L.

MUD RECORD

	10 00	12 00	H 00
TIME			
WEIGHT	8.6	8.6	8.8
FUNNEL VIS.-SEC	38	38	37
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Potash	1100#		

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
1027	1107	7½	D		Shale	10	180	900		5¾	150			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
1076	1°							

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TO	ELAPSED TIME	
7	8 00	8 15	¼	Rig SER.
2	8 15	12 30	4¼	Drlg.
10	12 30	12 45	¼	Toto @ 1076 1°
2	12 45	4 00	3¼	Drlg

DRILLER: C Sprague

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT
1		E3 3⅞ x 9	3.00
2		DC 3⅞ x 9	60.66
1		SR 3⅞ x 9	6.90
1		DC 3⅞ x 9	30.53
1		XO 3⅞ x 9	3.38
9		DC 3⅞ x 6¾	269.82
1		XO 3⅞ x 6½	2.45
		I.D. x O.D.	FT
		I.D. x O.D.	FT
		I.D. x O.D.	FT
8		D.P. STANDS	753.84
1		D.P. SINGLES	31.47
		KELLY DOWN	39.25
		TOTAL	1192.72
		WT. OF DC	39M LBS.
		WT. OF STRING	90M LBS.

BIT RECORD

BIT NO.	4
SIZE	12¼
MFG.	SEC
TYPE	S45
SERIAL NO.	263429
JETS 1/32"	13 13 15
DEPTH OUT	
DEPTH IN	858
TOTAL FOOTAGE	
TOTAL HRS. RUN	
BIT CONDITION 1/8"S T/B | 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000#)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

	6 00	8 00	10
TIME			
WEIGHT	8.8	8.9	8.7
FUNNEL VIS.-SEC	37	46	45
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
DRYWALL	100#		
METASEALS	150#		
CAUSTIC	100#		

FOOTAGE

FROM	TO	ROT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000#)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
1107	1192	7½	DC		SHALE	10M	160	900		5¾	140			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
1138	1⅛							

DETAILS OF OPERATION IN SEQUENCE AND REMARKS

CODE	TIME LOG FROM	TO	ELAPSED TIME	
7	4 00	4 15	¼	RIG SER.
2	4 15	8 00	3¾	DRILL
10	8 00	8 15	¼	SURVEY
2	8 15	12 00	3¾	DRLG

DRILLER: Paul Sanford

CP-38 (9/70)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRAHCOISE ROMAIN #1

LOCATION: LOT 723-200 RANGE II CTE DE LOTBINIERE QUE. — PROVINCE

OPERATOR: Shell Canada Limited — SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

CONTRACTOR: REGENT DRILLING LTD. — SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: [signature]

RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
762	927	165	67 3/4	8	11	15	71

DIA. OF DC. SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
9"	196		2 3/4	9"	7"H90	1	OILWELL	560P	8"
6 3/4"	165		2 3/4	6 3/4"	5"H90	2	EMSCO	D700	16"

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	20"			177				

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	7 1/2	5 1/4	7 1/4	19 1/4
3	HOLE OPENING				
4	CORING				
5	TRIP, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS		1 3/4		1 3/4
7	RIG SERVICE	1/4	1/4	1/4	3/4
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY	1/4	1/4	1/2	1 1/4
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23	Jet Cellar	1/2			1/2
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	2042			24hrs
CODE NO.	BOILER	8	8	8	24

DESILTER PERFORMANCE

	MORN.	DAY	EVE.
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

P.S.I. 1/2 T. 600.

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1		E3 3 7/8 x 9	300 FT.
2		DC 3 7/8 x 9 O.D.	60.66 FT.
1		ST 3 7/8 x 9	6.90 FT.
1		DC 3 7/8 x 9	30.53 FT.
1		XO 3 7/8 x 9 O.D.	3.38 FT.
9		DC 7 1/8 x 6 3/4	269.82 FT.
1		XO 2 7/8 x 6 5/8	2.48 FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
4	D.P.	STANDS	FT.
2	D.P.	SINGLES	44.79 FT.
		KELLY DOWN	17.00 FT.
		TOTAL	834.03 FT.
		WT. OF DC	39.000 LBS.
		WT. OF STRING	76.000 LBS.

BIT RECORD

BIT NO.	2
SIZE	12 1/4
MFG.	SEC
TYPE	S4J
SERIAL NO.	220463
JETS 1/32"	13 13 15
DEPTH OUT	
DEPTH IN	574
TOTAL FOOTAGE	
TOTAL HRS. RUN	19 1/2
BIT CONDITION 1/8'S T/B 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000 #)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	12 MID
WEIGHT	8.8
FUNNEL VIS.-SEC	50
PV/YP	
GELS	
W.L.-C.C.	
F.C. 1/32"	
PH	
% OIL	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
GEL	35 00#		

MORNING TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #'s)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
762	927	19 3/4	D		SHALE	5M	180	1000		5 3/4	160			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
795	1 1/2°		826	1 1/2°				

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	12 00	12 15	1/4	RIG SER
	12 15	3 30	3 1/4	DRILL 12 1/4" HOLE
	3 30	3 45	1/4	SURVEY @ 795'
	3 45	7 00	3 1/4	DRILL 12 1/4" HOLE
	7 00	7 15	1/4	SURVEY @ 826'
	7 15	8 00	3/4	DRILL 12 1/4" HOLE

DRILLER: [signature]

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1		E3 3 7/8 x 9	3.00 FT.
2		DC 3 7/8 x 9	60.66 FT.
1		ST 3 7/8 x 9	6.90 FT.
1		DC 3 7/8 x 9	30.53 FT.
1		XO 3 7/8 x 9	3.38 FT.
9		DC 7 1/8 x 6 3/4	269.82 FT.
1		XO 2 7/8 x 6 5/8	2.48 FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
5	D.P.	STANDS	471.90 FT.
1	D.P.	SINGLES	28.36 FT.
		KELLY DOWN	FT.
		TOTAL	877.00 FT.
		WT. OF DC	39.000 LBS.
		WT. OF STRING	78.000 LBS.

BIT RECORD

BIT NO.	2 RR	4
SIZE	12 1/4	12 1/4
MFG.	SEC	SEC
TYPE	S4J	S4HJ
SERIAL NO.	264463	263439
JETS 1/32"	13 13 15	13 13 15
DEPTH OUT	858	
DEPTH IN	574	858
TOTAL FOOTAGE	284	19
TOTAL HRS. RUN	21 3/4	3
BIT CONDITION 1/8'S T/B 1/8" GAGE	3 3 0	Drlg

HOLE CONDITION

1 HOLE DRAG (1000 #)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	12	4 00
WEIGHT	8.7	8.8
FUNNEL VIS.-SEC	60	60
PV/YP		
GELS		
W.L.-C.C.		
F.C. 1/32"		
PH		
% OIL		
% SAND		

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Potash	200#		

DAY TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #'s)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
834	877		D		Shale	5/10	130/180	1000		5 3/4	160			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
858	1°							

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	8 00	8 15	1/4	Rig Ser
2	8 15	10 30	2 1/4	Drlg.
10	10 30	10 45	1/4	ToTcd @ 858 1°
6	10 45	11 30	3/4	P.O.H. Lost ToTco BBL.
6	11 30	12 30	1	R.I.H.
2	12 30	1 30	1	Drlg.
13	1 30	2 00	1/2	Jet Cellar + Perm Pump.
2	2 00	4 00	2	Drlg.

DRILLER: C. Savage

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1		E3 3 7/8 x 9	3.00 FT.
2		DC 3 7/8 x 9	60.66 FT.
1		ST 3 7/8 x 9	6.90 FT.
1		DC 3 7/8 x 9	30.53 FT.
1		XO 3 7/8 x 9	3.38 FT.
9		DC 7 1/8 x 6 3/4	269.82 FT.
1		XO 2 7/8 x 6 5/8	2.48 FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
		I.D. X O.D.	FT.
5	D.P.	STANDS	471.90 FT.
2	D.P.	SINGLES	62.00 FT.
		KELLY DOWN	16 FT.
		TOTAL	927.45 FT.
		WT. OF DC	39.000 LBS.
		WT. OF STRING	78.000 LBS.

BIT RECORD

BIT NO.	2 RR	4
SIZE	12 1/4	
MFG.	SEC	
TYPE	S4J	
SERIAL NO.	264439	
JETS 1/32"	B 13 15	
DEPTH OUT	858	
DEPTH IN	858	
TOTAL FOOTAGE	19	
TOTAL HRS. RUN	10 1/4	
BIT CONDITION 1/8'S T/B 1/8" GAGE		

HOLE CONDITION

1 HOLE DRAG (1000 #)	
2 TORQUE AT BOTTOM (DP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	4 00	6 00 10
WEIGHT	8.9	8.7 8.8
FUNNEL VIS.-SEC	50	45 44
PV/YP		
GELS		
W.L.-C.C.		
F.C. 1/32"		
PH		
% OIL		
% SAND		

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Aqua-Pac	1 CAN		
Prehaw	2 00#		
Gel	350#		

EVENING TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #'s)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
877	927	7 1/4	D		SHALE	5	150-170	1000		5 3/4	140			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
885	1 1/4		915	2°				

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
2	4 00	5 15	1 1/4	DRLG 12 1/4" HOLE
7	5 15	5 30	1/4	RIG SERVICE
10	5 30	5 45	1/4	SURVEY
2	5 45	9 45	4	DRLG 12 1/4" HOLE
10	9 45	10 00	1/4	SURVEY
2	10	12 00	2	DRLG

DRILLER: [signature]

DAILY DRILLING REPORT

WELL NAME: SHELL GRE FRANCOISE ROMAIN #1
LOCATION: LOT 723-200 RANG II CTE DE LOTBINIERE
PROVINCE: Que

OPERATOR: Shell Canada Limited
SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mulrick
CONTRACTOR: REGENT DRILLING LTD
SIGNATURE OF CONTRACTOR'S REPRESENTATIVE: J. Hubbard
RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DATE DAY	DATE YEAR
486	762	270	38	7	11	14	71

DB / DC. SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD
9"	196		2 3/4	9"	3" H90
6 3/4	105		2 3/4	6 3/4	5" H90

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OIL WELL	6 DUPLEX	8
2	(EMSCO)	7D	16

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	20"			177				

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	8½	5½	6¾	20¾
3	HOLE OPENING				
4	CORING				
5	REAM, CLEAN TO BOTTOM & CIRCULATING				
6	TRIPS	¾	2		2¾
7	RIG SERVICE	½	¼	¼	1¼
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY	¾	¼	1	1¾
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	
	HOURS FOR SHELL ACCOUNT	Code 2042			24
SERVICE RECORD	BOILER	8	8	8	24

DESILTER PERFORMANCE

	MORN	DAY	EVE
HOURS RUN		8	8
INTAKE WEIGHT - PPG		8.6	8.8
OVERFLOW WEIGHT - PPG		8.5	8.6
UNDERFLOW WEIGHT - PPG		11.2	11
UNDERFLOW VOLUME - BPD			
HOURS RUN			
INTAKE WEIGHT - PPG			
OVERFLOW WEIGHT - PPG			
UNDERFLOW WEIGHT - PPG			
UNDERFLOW VOLUME - BPD			

MISCELLANEOUS

1
½ T 800 PSI

DRILLING ASSEMBLY NO. — CODE — AT END OF TOUR

BIT — FT.

1	RT	7⅞ x 9⅞	640 FT.	
1	E3	7⅞ x 9	306 FT.	
2	DC	7⅞ x 9 O.D.	60.66 FT.	
1	DC	7⅞ x 9 O.D.	30.57 FT.	
1	XO	7⅞ x 6⅝ O.D.	3.38 FT.	
9	DC	7⅞ x 6⅝ O.D.	211.58 FT.	
1	XO	7⅞ x 6⅝ O.D.	3.00 FT.	
		I.D. x O.D.	FT.	
		I.D. x O.D.	FT.	
		I.D. x O.D.	FT.	
1	D.P.	STANDS	FT.	
2	D.P.	SINGLES	157.22	
	KELLY DOWN		41.00 FT.	
	TOTAL		FT.	
W.T. OF DC			39,000 LBS.	
W.T. OF STRING			73000 LBS.	

BIT RECORD

BIT NO.	1
SIZE	12¼
MFG.	Sec
TYPE	S4J
SERIAL NO.	346604
JETS 1/32"	13 13 15
DEPTH OUT	474.
DEPTH IN	177
TOTAL FOOTAGE	297
TOTAL HRS. RUN	28½
BIT CONDITION 1/8'S T/B | 1/8" GAGE	1 1 I

HOLE CONDITION

1 HOLE DRAG (1000 #)	
2 TORQUE AT BOTTOM (OP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	12 NOON	7 AM	4 AM
WEIGHT	8.8	8.8	8.9
FUNNEL VIS.-SEC.	37	37	38
PV/YP			
GELS			
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
GEL	3500 #		

FOOTAGE

FROM	TO	BIT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
486	574	6¼				5/10	115	100		5¾	160			

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION
512	1°		543	1°				

MORNING TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
	12 00	12 15	¼	RIG SER
	12 15	2 15	2	DRILL 12¼" HOLE
	2 15	2 30	¼	SURVEY @ 512 1°
	2 30	4 30	2	DRILL 12¼" HOLE
	4 30	4 45	¼	SURVEY
	4 45	7 30	2¾	DRILL 12¼" HOLE
	7 30	7 45	¼	SURVEY
	7 45	8 00	¼	PULL OUT

DRILLER: J Kohut

DRILLING ASSEMBLY NO. — CODE — AT END OF TOUR

BIT — FT.

1	E3	7⅞ x 9	3.00 FT.	
2	DC	7⅞ x 9 O.D.	60.66 FT.	
1	SJ	7⅞ x 9⅞ O.D.	6.90 FT.	
1	DC	7⅞ x 9 O.D.	30.53 FT.	
1	XO	7⅞ x 9 O.D.	3.38 FT.	
9	DC	7⅞ x 6¾ O.D.	218.82 FT.	
1	XO	7⅞ x 6½ O.D.	245 FT.	
		I.D. x O.D.	FT.	
		I.D. x O.D.	FT.	
		I.D. x O.D.	FT.	
2	D.P.	STANDS	188.81 FT.	
2	D.P.	SINGLES	62.29 FT.	
	KELLY DOWN		25.16 FT.	
	TOTAL		653 FT.	
W.T. OF DC			39 000 LBS.	
W.T. OF STRING			71 000 LBS.	

BIT RECORD

BIT NO.	2
SIZE	12¼
MFG.	Sec.
TYPE	SHJ
SERIAL NO.	234463
JETS 1/32"	13 13 15
DEPTH OUT	
DEPTH IN	474
TOTAL FOOTAGE	179
TOTAL HRS. RUN	12½
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000 #)	
2 TORQUE AT BOTTOM (OP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	1100	1400	
WEIGHT	8.6	8.7	
FUNNEL VIS.-SEC.	HO	43	
PV/YP			
GELS			
W.L.-C.C.			
F.C. 1/32"			
PH			
% OIL			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	BIT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
574	853	5½	0		SHale	6	115	1100		5¾	160			

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION
636	1½							

DAY TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	8 00	8 15	¼	Rig Ser.
6	8 15	10 15	2	Trip for Bit Chg.
2	10 15	1 45	3½	Drlg.
10	1 45	2 00	¼	ToTco at 636 1½°
2	2 00	4 00	2	Drlg

DRILLER: C Sprague

DRILLING ASSEMBLY NO. — CODE — AT END OF TOUR

BIT — FT.

1	E3	7⅞ x 9	3.00 FT.	
2	DC	7⅞ x 9 O.D.	60.66 FT.	
1	SJ	7⅞ x 9⅞ O.D.	6.90 FT.	
1	DC	7⅞ x 9 O.D.	30.53 FT.	
1	XO	7⅞ x 9 O.D.	3.34 FT.	
9	DC	7⅞ x 6¾ O.D.	218.82 FT.	
1	XO	7⅞ x 6½ O.D.	2.45 FT.	
		I.D. x O.D.	FT.	
		I.D. x O.D.	FT.	
		I.D. x O.D.	FT.	
23	D.P.	STANDS	242.75 FT.	
2	D.P.	SINGLES	63.00 FT.	
	KELLY DOWN		41 FT.	
	TOTAL		762.46 FT.	
W.T. OF DC			39m LBS.	
W.T. OF STRING			74 LBS.	

BIT RECORD

BIT NO.	2
SIZE	12¼
MFG.	SEC
TYPE	S4J
SERIAL NO.	234463
JETS 1/32"	13 13 15
DEPTH OUT	
DEPTH IN	474
TOTAL FOOTAGE	183
TOTAL HRS. RUN	11 3/4
BIT CONDITION 1/8'S T/B | 1/8" GAGE	

HOLE CONDITION

1 HOLE DRAG (1000 #)	
2 TORQUE AT BOTTOM (OP TURNS)	
3 FILL ON BOTTOM (FEET)	

MUD RECORD

TIME	5	8	
WEIGHT	8.7	8.7	
FUNNEL VIS.-SEC.	42	42	
PV/YP			
GELS	9	9	
W.L.-C.C.	7.2		
F.C. 1/32"	4/32		
PH	11.2		
% OIL			
% SAND	1/4		

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Poly-R	200 #		

FOOTAGE

FROM	TO	BIT HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	WT. ON BIT (1000 #)	ROTARY R.P.M.	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
653	762	6¾	DR		SHALE	10	180	1000		5¾	152	6"	90	

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION
666	1¾		697	1¾		762	1½	

EVENING TOUR

CODE	TIME LOG FROM	TIME LOG TO	ELAPSED TIME	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
7	4 00	4 15	¼	RIG SERVICE
2	4 15	5 15	1	DRILL 12¼" HOLE
10	5 15	5 30	¼	SURVEY
2	5 30	9 15	3¾	DRILL 12¼" HOLE
10	9 15	9 30	¼	SURVEY
2	9 30	10 15	¾	DRILL
10	10 15	10 30	¼	SURVEY
2	10 30	11 45	1¼	DRILL
10	11 45	12	¼	SURVEY

DRILLER: R Dion

CP-38 (10/69)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAIN #1

LOCATION: LOT 723-200 RANGE II COUNTY LOTBINIERE PROVINCE: QUEBEC

OPERATOR: Shell Canada Limited — SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Muffink

CONTRACTOR: REGENT DRILLING LTD. — SIGNATURE OF CONTRACTOR'S TOOL PUSHER: J. Hebbard — RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DAY	YEAR
~~305~~ 186	486	~~181~~ 300	20	6	11	13	71

DP/DC SIZE	WT./FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
9"	196		2 3/4	9"	7" H90	1	OILWELL	560 P	8
6 3/4	102		2 3/4	6 3/4	5 H90	2	EMSCO D700		16

LAST CASING TUBING OR LINER: SIZE 20" | WT. AND GR. | NO. OF JOINTS | FEET 177 | RL. TO CSG. HEAD | SET AT 177 | CEMENT USED (SACKS) 500 | REMARKS

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	~~8 3/4~~ 8	~~4~~ 6 1/4	~~6~~ 6 1/2	~~20~~ 20
3	REAMING				
4	CORING				
5	CLEAN TO BOTTOM AND CIRCULATING				
6	TRIPS		3/4	1	1 3/4
7	RIG SERVICE	1/4	1/4		1/2
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY	1/2	3/4	1/2	1 3/4
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8 8	8		24
	HOURS FOR SHELL ACCOUNT	20 42			24
COST INFORMATION	BOILER	8 8	8		24

HOLE CONDITION

1	HOLE DRAG (1000#)
2	TORQUE ON BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		I.D.	O.D.		FT.
		BIT				
3	9"	X				91.19
6	6 3/4	X				182.09
1	REAMER					6.99
2	XO	X				5.83
1		SUB				3.00
1	REAMER	X				6.90
	DP	STANDS				
	DP	SINGLES				
	KELLY DOWN					10.00
	TOTAL					305
	WT. OF DC IN AIR				LBS.	6
	WT. OF STRING				LBS.	61 000

BIT RECORD

BIT NO.	1
SIZE	12 1/4
MFG.	STJ
TYPE	S4J
JETS 1/32"	2-15-15
SERIAL NO.	346504
DEPTH OUT	
DEPTH IN	177
TOTAL FTG.	119
TOTAL HRS. RUN	7 1/4
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	12 mid		6 PM
WEIGHT	8.7		8.7
VIS.-SEC.	45		45
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
GEL	900#		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
186	305	7 1/4				68 80	10 ~~15~~	1800		5 3/4	130	6"		

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
~~12~~ 00	12 15	1/4	7	RIG SER
12 15	4 45	4 1/2	2	DRILL
4 45	5 00	1/4	10	SURVEY @ 240' 1/4°
5 00	7 15	2 1/4	2	DRILL
7 15	7 30	1/4	10	SURVEY @ 300'
7 30	8 00	1/2	2	DRILL

DRILLER: J Hebbard

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		I.D.	O.D.		FT.
		BIT				
1	R3		6 3/4	9 3/4		6.90
1	E3		2 7/8	9		3.00
2	DC		2 7/8	9		60.66
1	SI		2 7/8	9		6.99
1	DC		2 7/8	9		30.53
1	XO		2 7/8	8 5/8		3.38
7	DC		2 7/8	8 1/2		211.58
1	XO		2 7/8	8 1/2		3.09
	DP	SINGLES				94.31
	KELLY DOWN					41.00
	TOTAL					366.13
	WT. OF DC IN AIR				LBS.	37 000
	WT. OF STRING				LBS.	66 000

BIT RECORD

BIT NO.	1
SIZE	12 1/4
MFG.	Sec.
TYPE	S4J
JETS 1/32"	13-13-15
SERIAL NO.	346504
DEPTH OUT	
DEPTH IN	176.
TOTAL FTG.	190.
TOTAL HRS. RUN	13 1/2
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	8	12	4
WEIGHT	8.7	8.7	8.6
VIS.-SEC.	45	44	36
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
305	366	6 1/4	D		SHALE	80 80	6/10	1600		5 3/4	130			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
336.	3/4		366	1°				

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
~~8 00~~	8 15	1/4	7	Rig Ser.
8 15	10 00	1 3/4	2	Drlg 12 1/4 Hole.
10 00	10 30	1/2	10	ToTco @ 336
10 30	3 00	4 1/2	2	Drlg.
3 00	~~3 15~~	1/4	10	ToTco @ 366
3 15	4 00	3/4	6	P.O.H. + Remove Reamer.

DRILLER: C Sprague

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		I.D.	O.D.		FT.
		BIT				
1	R3		6 1/2	9 3/4		6.90
1	E3		2 7/8	9		3.00
2	DC		2 7/8	9		60.66
1	DC		2 7/8	8 1/2		30.53
1	XO		2 7/8			3.38
9	DC		2 7/8	8 1/2		211.58
1	XO		2 7/8	6 3/4		3.09
11	DP	STANDS				94.31
	DP	SINGLES				
	KELLY DOWN					
	TOTAL					486.04
	WT. OF DC IN AIR				LBS.	61 000
	WT. OF STRING				LBS.	71 000

BIT RECORD

BIT NO.	1
SIZE	12 1/4
MFG.	Sec
TYPE	S4J
JETS 1/32"	13-13-15
SERIAL NO.	346504
DEPTH OUT	
DEPTH IN	177
TOTAL FTG.	309
TOTAL HRS. RUN	20
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	6 PM	10 PM.	
WEIGHT	8.6	8.6	
VIS.-SEC.	35	35	
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
~~GEL~~			
POTASH	1500#		
POLYMER	100#		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
366	486	6 1/2				~~4 86~~ 110	8	1600		5 3/4	130			

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
416'	1/4°		480	1°		486		

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4 00	5 00	1	6	Make up Bit + RIH
5 00	8 15	3 1/4	~~10~~ 2	Drlg 12 1/4 Hole
8 15	8 30	1/4	10	SURVEY @ 416 1/4°
8 30	11 00	2 1/2	2	DRILL 12 1/4 HOLE
11 00	11 15	1/4	10	SURVEY @ 480 1°
11 15	12 00	3/4	2	DRILL 12 1/4" HOLE

DRILLER: J Hebbard

CP-38 (10/69)

DAILY DRILLING REPORT

WELL NAME: SHELL STE. FRANCOISE ROMAIN # 1

LOCATION: PROVINCE: P. QUÉBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mafrick

CONTRACTOR: REGENT DRILLING LTD. RIG NO.: 6

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: J. Hibbard

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DAY	YEAR
177	186	9		5	11	12	71

DP / DC. SIZE	WT / FT	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD

PUMP	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OILWELL	360PT	8
2	EMSCO	700	16

	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
LAST CASING								
TUBING OR LINER								

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL			3	
3	REAMING				
4	CORING				
5	CLEAN TO BOTTOM AND CIRCULATING				
6	TRIPS			2	
7	RIG SERVICE				
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	20½		24	
	HOURS FOR SHELL ACCOUNT				
CONTRACTOR	BOILER			24	

HOLE CONDITION

1	HOLE DRAG (1000#)
2	TORQUE ON BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		I.D.	O.D.	FT.
		BIT			FT.
3		9" DCs			91.19 FT.
1		Reamer			6.99 FT.
2		XO			5.83 FT.
1		B.S.	6		3.00 FT.
1		6" DCs			31.32 FT.
					FT.
					FT.
	DP	STANDS			FT.
	DP	SINGLES			FT.
		KELLY DOWN			41.00 FT.
		TOTAL			186.23 FT.
		WT. OF DC IN AIR			LBS.
		WT. OF STRING			LBS.

BIT RECORD

BIT NO.	
SIZE	12¼
MFG.	Sec.
TYPE	S4J
JETS 1/32"	2-16
SERIAL NO.	346504
DEPTH OUT	
DEPTH IN	130
TOTAL FTG.	
TOTAL HRS. RUN	
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	
WEIGHT	
VIS.-SEC.	Water
PV/YP	
GELS	
W.L.-C.C.	
PH	
% SOLIDS	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Caustic	200#		
POTASH	80 SAX		
METSO	200#		

MORNING TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
										5¾		6		

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12	9 am	8	14	NIPPLE UP + MIX MUD
				CHANGE BEAK + LINERS IN 0700 TO 6"

DRILLER: Pat Burg

DAY TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8 00				NIPPLE UP + UNLOAD CASING + MUD
	4 00	8		HOOK UP DESILTER
				POTASH 80 SK
				METSO 2 sx #

DRILLER: Joe Robert

EVENING TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
130	186	3			Cement	80	5000	700		5¾		6"	64	Comp

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4 00				Pick up 9" DCs From Derrick Make up
				Bit + Reamer. RIH To Top of Cement
	6 00		6	at 130' Placed Stablizer 70' From Bit.
6 00	9 00	3	2	Drill out Cement.
9 00				Drill Mouse Hole Clean Suc + Shaker Tanks
	12 00	3		Displace Hole.

DRILLER: C. Grogan

CP-38 (10/69)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAIN #1

LOCATION:

PROVINCE: P. QUEBEC

OPERATOR: Shell Canada Limited

SIGNATURE OF OPERATOR'S REPRESENTATIVE: P. MacGrath

CONTRACTOR: REGENT DRILLING LTD

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: J. Hubbard

RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DAY	YEAR
177			26 1/4	4	11	11	71

DP./DC. SIZE	WT./FT	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
						1	OILWELL	560PT	8
						2	EMSCO	700	16

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO SG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	20"			177		177		

TIME DISTRIBUTION — HOURS

LINE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	REAMING				
4	CORING				
5	CLEAN TO BOTTOM AND CIRCULATING				
6	TRIPS				
7	RIG SERVICE				
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.	8			
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	8			
	HOURS FOR SHELL ACCOUNT				
CONTRACTOR REMARKS	BOILER				

HOLE CONDITION

1	HOLE DRAG (1000#)
2	TORQUE ON BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MORNING TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT ____ FT.

I.D. X O.D. ____ FT.

DP ____ STANDS ____ FT.

DP ____ SINGLES ____ FT.

KELLY DOWN ____ FT.

TOTAL ____ FT.

WT. OF DC IN AIR ____ LBS.

WT. OF STRING ____ LBS.

BIT RECORD	
BIT NO.	
SIZE	FT.
MFG.	FT.
TYPE	FT.
JETS 1/32"	FT.
SERIAL NO.	FT.
DEPTH OUT	FT.
DEPTH IN	FT.
TOTAL FTG.	FT.
TOTAL HRS. RUN	FT.
BIT CONDITION I/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD	
TIME	
WEIGHT	
VIS.-SEC.	
PV/YP	/
GELS.	/
W.L.-C.C.	
PH	
% SOLIDS	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
										5 3/4		7 7/8		

DEVIATION RECORD	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
				WELD ON BOWL + NIPPLE UP

DRILLER: Paul Gray

DAY TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT ____ FT.

I.D. X O.D. ____ FT.

DP ____ STANDS ____ FT.

DP ____ SINGLES ____ FT.

KELLY DOWN ____ FT.

TOTAL ____ FT.

WT. OF DC IN AIR ____ LBS.

WT. OF STRING ____ LBS.

BIT RECORD	
BIT NO.	
SIZE	FT.
MFG.	FT.
TYPE	FT.
JETS 1/32"	FT.
SERIAL NO.	FT.
DEPTH OUT	FT.
DEPTH IN	FT.
TOTAL FTG.	FT.
TOTAL HRS. RUN	FT.
BIT CONDITION I/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD	
TIME	
WEIGHT	
VIS.-SEC.	
PV/YP	/
GELS.	/
W.L.-C.C.	
PH	
% SOLIDS	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8 00	4 00	8		MIX MUD (RIG) + AND PUBLIC TOURS OF DRILLING R.G.

OPEN HOUSE TO SCHOOL CHILDREN AND GOVERNMENT OFFICIALS OF STE FRANCOISE OF QUEBEC

DRILLER: Joe Robert

EVENING TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT ____ FT.

I.D. X O.D. ____ FT.

DP ____ STANDS ____ FT.

DP ____ SINGLES ____ FT.

KELLY DOWN ____ FT.

TOTAL ____ FT.

WT. OF DC IN AIR ____ LBS.

WT. OF STRING ____ LBS.

BIT RECORD	
BIT NO.	
SIZE	FT.
MFG.	FT.
TYPE	FT.
JETS 1/32"	FT.
SERIAL NO.	FT.
DEPTH OUT	FT.
DEPTH IN	FT.
TOTAL FTG.	FT.
TOTAL HRS. RUN	FT.
BIT CONDITION I/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD	
TIME	
WEIGHT	
VIS.-SEC.	
PV/YP	/
GELS.	/
W.L.-C.C.	
PH	
% SOLIDS	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4 00	12 00	8		NIPPLE UP BOPS

DRILLER: E Sprague

CP-38 (10/68)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAIN #1
LOCATION:
PROVINCE: PROVINCE QUÉBEC

OPERATOR: Shell Canada Limited
SIGNATURE OF OPERATION'S REPRESENTATIVE: R. Mrofsik
CONTRACTOR: REGENT DRILLING LTD
RIG NO.: 6
SIGNATURE OF CONTRACTOR'S TOOL PUSHER: J. Abbott

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DAY	YEAR
177			26 1/4	3	11	10	71

DP / DC SIZE	WT / FT	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	OIL WELL	560PT	8
	EMSCO	700	16

LAST CASING TUBING OR LINER	SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB. TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS
	20"					177	~~450~~ 500	

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL				
3	REAMING				
4	CORING				
5	CLEAN TO BOTTOM AND CIRCULATING				
6	TRIPS				
7	RIG SERVICE				
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT	13			
13	WAIT ON CEMENT	6 1/2	8		
14	NIPPLE UP B.O.P.			8	
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS	20	12	24	
	HOURS FOR SHELL ACCOUNT	8	8	8	
NON-CHARGEABLE HOURS	BOILER	24			

HOLE CONDITION

1	HOLE DRAG (1000#)	
2	TORQUE ON BOTTOM (DP TURNS)	
3	FILL ON BOTTOM (FEET)	

MORNING TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT — I.D. X O.D. — FT.
STABILIZER — I.D. X O.D. — FT.
STABILIZER — I.D. X O.D. — FT.
STABILIZER — I.D. X O.D. — FT.
I.D. X O.D. — FT.
I.D. X O.D. — FT.
DP STANDS — FT.
DP SINGLES — FT.
KELLY DOWN — FT.
TOTAL — FT.
WT. OF DC IN AIR — LBS.
WT. OF STRING — LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JETS 1/32"	
SERIAL NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
BIT CONDITION I/ B" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	
WEIGHT	
VIS./SEC.	
PV/YP	
GELS	
W.L.-C.C.	
PH	
% SOLIDS	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000 #)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
										5 3/4		7 3/4		COMP

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12 00	12 45	3/4	12	CIRC TO CEMENT
12 45	1 30	3/4	12	CEMENT 450 SX
1 30	8 00	6 1/2	13	W.O.C.

DRILLER: Paul Gray

DAY TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT — I.D. X O.D. — FT.
STABILIZER — I.D. X O.D. — FT.
STABILIZER — I.D. X O.D. — FT.
STABILIZER — I.D. X O.D. — FT.
I.D. X O.D. — FT.
I.D. X O.D. — FT.
DP STANDS — FT.
DP SINGLES — FT.
KELLY DOWN — FT.
TOTAL — FT.
WT. OF DC IN AIR — LBS.
WT. OF STRING — LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JETS 1/32"	
SERIAL NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
BIT CONDITION I/ B" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	
WEIGHT	
VIS./SEC.	
PV/YP	
GELS	
W.L.-C.C.	
PH	
% SOLIDS	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

BREAK HOUSE & RIG TO SHOWING RIG TO PUBLIC OF STE. FRANCOISE AND VICINITY

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000 #)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8 00	4 00	8		W. O. C. PUBLIC TOURS OF DRILLING RIG.

DRILLER: Joe Robert

EVENING TOUR

DRILLING ASSEMBLY NO. / CODE AT END OF TOUR

BIT — I.D. X O.D. — FT.
STABILIZER — I.D. X O.D. — FT.
STABILIZER — I.D. X O.D. — FT.
STABILIZER — I.D. X O.D. — FT.
I.D. X O.D. — FT.
I.D. X O.D. — FT.
DP STANDS — FT.
DP SINGLES — FT.
KELLY DOWN — FT.
TOTAL — FT.
WT. OF DC IN AIR — LBS.
WT. OF STRING — LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JETS 1/32"	
SERIAL NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
BIT CONDITION I/ B" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	
WEIGHT	
VIS./SEC.	
PV/YP	
GELS	
W.L.-C.C.	
PH	
% SOLIDS	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000 #)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION	DEPTH	DEVIATION °	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4 00				Cut 20" Csg. + Weld ON 13 3/8 Nipple + 12" 900 Sei. Csg. Bowl
	12 00	8	14	Dump + Clean Mud Tanks

DRILLER: C. Sprague

CP-38 (10/69)

DAILY DRILLING REPORT

WELL NAME: SHELL STÉ FRANCOISE ROMAIN #1
LOCATION:
PROVINCE: P QUEBEC

OPERATOR: Shell Canada Limited
SIGNATURE OF OPERATOR'S REPRESENTATIVE: P. Muffitt
CONTRACTOR: REGENT DRILLING LTD
SIGNATURE OF CONTRACTOR'S TOOL PUSHER: J. Hubbard
RIG NO.: 2

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DAY	YEAR
172	179		26 1/4	2	11	9	71

DP./DC. SIZE	WT./FT.	GRADE	MIN. I.D.	TOOL JT. O.D.	TYPE THREAD

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	P/L WELL	PT560	5 1/4 x 9
2	EMSCO FB	700	7 1/4 x 12

LAST CASING TUBING OR LINER

SIZE	WT. AND GR.	NO. OF JOINTS	FEET	KB TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN	2			2
2	DRILLING ACTUAL				
3	REAMING	6	5	1	12
4	CORING				
5	CLEAN TO BOTTOM AND CIRCULATING				
6	TRIPS		2 3/4	1 1/4	4
7	RIG SERVICE			1/4	1/4
8	RIG REPAIR		1/4		1/4
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT			5 1/2	5 1/2
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS				
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45					
60	ABANDON				
70	STANDBY				
	TOTALS			8	24
	HOURS FOR SHELL ACCOUNT	2042			24
CONTRACTOR'S ACCOUNT	BOILER	8	8	8	24

HOLE CONDITION

1	HOLE DRAG (1000#)	
2	TORQUE ON BOTTOM (DP TURNS)	
3	FILL ON BOTTOM (FEET)	

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
1	DC	I.D. x O.D. 9"	3.00 FT.
1	DC	I.D. x O.D. 9"	3.38 FT.
1	REAMER	I.D. x O.D. 9 7/8"	3.72 FT.
7	DC	I.D. x O.D. 9"	60.66 FT.
2	DC	I.D. x O.D. 6 3/4"	62.67 FT.
		I.D. x O.D. X	FT.
		I.D. x O.D. X	FT.
	DP	STANDS	FT.
	DP	SINGLES	FT.
	KELLY DOWN		25 FT.
	TOTAL		154 FT.
	WT. OF DC IN AIR		LBS.
	WT. OF STRING		45 LBS.

BIT RECORD

BIT NO.	1 RAMER
SIZE	17 1/2
MFG.	
TYPE	
JETS 1/32"	
SERIAL NO.	
DEPTH OUT	
DEPTH IN	80
TOTAL FTG.	
TOTAL HRS. RUN	
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	9 AM	4 PM	6
WEIGHT	9.1	9.2	9.1
VIS.-SEC.	83	90	75
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
GEL	1000		
CAUSTIC	100		
	7		

MORNING TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
80						105	15	100		5 3/4	110	7 3/4	40	Conv

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG FROM	TIME LOG TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12 00	1 00	1	2	WELD 12 1/4 BIT TO REAMER
1 00	2 00	1	2	LAY DOWN 9" COLAR HARD TO BREAK
2 00	8 00	6	3	REAM 17 1/2" HOLE

DRILLER: Rod Sp

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
3	DC	I.D. x O.D. 9"	91.19 FT.
1	DC	I.D. x O.D. 6 3/4"	31.32 FT.
3	STAB	I.D. x O.D.	8.79 FT.
1	REAMER	I.D. x O.D.	4.55 FT.
1	BIT	I.D. x O.D.	1.00 FT.
		I.D. x O.D. X	FT.
		I.D. x O.D. X	FT.
	DP	STANDS	FT.
	DP	SINGLES	FT.
	KELLY DOWN		20.00 FT.
	TOTAL		156.84 FT.
	WT. OF DC IN AIR		LBS.
	WT. OF STRING		48,000 LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JETS 1/32"	
SERIAL NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	26"

MUD RECORD

TIME	8 AM	12 NOON	2 PM
WEIGHT	9.2	9.1	9.2
VIS.-SEC.	70	65	100
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
GEL	1400		

DAY TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG FROM	TIME LOG TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8 00	8 15	1/4	7	Rig Service
8 15	11 15	3	3	Ream 12 1/4 Hole To 17 1/2"
11 15	2 00	2 3/4	6	Pull Out Pick Up Hole Opener Under Table 26"
2 00	4 00	2		Ream Hole From 17 1/2 To 26"
				Clean Up Rig

DRILLER: J. Kohut.

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE	BIT	FT.
4	DCs	O.D.	122.51 FT.
		I.D. x O.D. X	FT.
3	XO	I.D. x O.D. X	8.78 FT.
		I.D. x O.D. X	FT.
1	Reamer	I.D. x O.D.	4.55 FT.
		I.D. x O.D. X	FT.
		I.D. x O.D. X	FT.
	DP	STANDS	FT.
	DP	SINGLES	FT.
	KELLY DOWN		41.00 FT.
	TOTAL		176.84 FT.
	WT. OF DC IN AIR		LBS.
	WT. OF STRING		48.00 LBS.

BIT RECORD

BIT NO.	3 Reamer
SIZE	26 1/2
MFG.	Sec
TYPE	
JETS 1/32"	
SERIAL NO.	2594
DEPTH OUT	176
DEPTH IN	0
TOTAL FTG.	176
TOTAL HRS. RUN	
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	C

MUD RECORD

TIME			
WEIGHT			
VIS.-SEC.			
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Gel	800		

EVENING TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
156	176	1	R			105	15			5 3/4	110	7 3/4	40	Comp

RUN 179 OF 20" 52 lb CONDUCTOR PIPE CEMENTED WITH 580 SX OF PORTLAND CEMENT

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG FROM	TIME LOG TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4 00	4 15	1/4	7	Rig Ser.
4 15	5 15	1	3	Ream. 17 1/4 Hole to 26 1/2
5 15	6 30	1 1/4	5	Trip Out. Lay Down 6 7/16 DC. Break Down Subs Lay Down Reamer. Rig + Run 20" Liner Csg. Welding
6 30	12 00	12		Every Joint.

DRILLER: C Sprague

CP-38 (10/69)

DAILY DRILLING REPORT

WELL NAME: SHELL STE FRANCOISE ROMAIN #1

LOCATION: PROVINCE: P. QUEBEC

OPERATOR: Shell Canada Limited — SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. MacFarlane

CONTRACTOR: REGENT DRILLING LTD — SIGNATURE OF CONTRACTOR'S TOOL PUSHER: J. Webber — RIG NO. 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF MORNING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DAY	YEAR
59.				1	11	8	71

OD SIZE	WT./FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD
1 6 5/8					
3 9					

PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
1	EMSCO	D700	7 3/4 X 16
2	OIL WELL	560 PT	5 3/4 X 9

LAST CASING TUBING OR LINER: SIZE | WT. AND GR. | NO. OF JOINTS | FEET | KB. TO CSG. HEAD | SET AT | CEMENT USED (SACKS) | REMARKS

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN				
2	DRILLING ACTUAL	6 1/4	4		
3	REAMING			5 1/4	
4	CORING				
5	CLEAN TO BOTTOM AND CIRCULATING				
6	TRIPS			2 1/2	
7	RIG SERVICE	1/4		1/4	
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY	1 1/2			
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS		4		
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
41	TUBING TRIPS				
42	TREATING				
43	SWABBING				
44	TESTING				
45					
60	ABANDON				
70	STANDBY				
	TOTALS	8	8	8	24
	HOURS FOR SHELL ACCOUNT	2042			24
CONTRACTOR'S EQUIPMENT	BOILER	8	8	8	24

HOLE CONDITION

1	HOLE DRAG (1000#)
2	TORQUE ON BOTTOM (DP TURNS)
3	FILL ON BOTTOM (FEET)

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		I.D.	O.D.		
1A		BIT				182 FT.
1			6 5/8	X		31.35 FT.
3			9"	X		92.01 FT.
1			I.D.	X	O.D.	3.00 FT.
1			I.D.	X	O.D.	2.40 FT.
1			I.D.	X	O.D.	3.38 FT.
			I.D.	X	O.D.	FT.
			I.D.	X	O.D.	FT.
		DP	STANDS			FT.
		DP	SINGLES			FT.
		KELLY DOWN				30 FT.
		TOTAL				182 FT.
		WT. OF DC IN AIR				45 LBS.
		WT. OF STRING				LBS.

BIT RECORD

BIT NO.	1A
SIZE	12 1/4
MFG.	SEC
TYPE	S4J
JETS 1/32"	
SERIAL NO.	234320
DEPTH OUT	
DEPTH IN	0
TOTAL FTG.	182
TOTAL HRS. RUN	7 1/2
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	2AM	4	6AM
WEIGHT	9.2	9.2	9.2
VIS.-SEC.	90	90	87
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
CAUSTIC	50#		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
59	182	6 1/4	DR		SHALE	60	50	200		5 3/4	120	7 1/4	90	COMP

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION
60	1/4		130	1/4				

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
12 00	12 15	1/4	7	RIG SERVICE
12 15	2 00	1 3/4	2	DRILL 12 1/4" HOLE
2	3 00	1	10	SURVEY PICK 9" COLLAR
3	7	4	2	DRILL 12 1/4" HOLE
7 00	7 30	1/2	1/2	SURVEY
7 30	9 00	1 1/2	2	DRILL

DRILLER: Paul Day

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		I.D.	O.D.		
		BIT				FT.
			I.D.	X	O.D.	FT.
			I.D.	X	O.D.	FT.
			I.D.	X	O.D.	FT.
			I.D.	X	O.D.	FT.
			I.D.	X	O.D.	FT.
		DP	STANDS			FT.
		DP	SINGLES			FT.
		KELLY DOWN				FT.
		TOTAL				FT.
		WT. OF DC IN AIR				LBS.
		WT. OF STRING				LBS.

BIT RECORD

BIT NO.	1A	2A
SIZE	12 1/4	17 1/4
MFG.		
TYPE	S4J	
JETS 1/32"		
SERIAL NO.	234320	259420
DEPTH OUT	172	FROM 0
DEPTH IN	0	
TOTAL FTG.	172	70'
TOTAL HRS. RUN	9 1/2	2
BIT CONDITION 1/8" T/B/GAGE		
REAMER CUTTER NO.		
REAMER TYPE		

MUD RECORD

TIME	10 00	12 NOON	
WEIGHT			
VIS.-SEC.	66	90	
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
GEL	1700#		
CAUSTIC-SO	#		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
8 00	10 00	2		DRILL 12 1/4" HOLE — J. KOHUT
10 00				TRIP OUT ~~HOLE~~ 9" COLLARS - B. BLOWIN
				+ PICK UP 17" BIT & 26" REAMER. FRANKLIN
				BIELOW FABIR WELDING BIT TO M. FRANKLIN
	2 00			REAMER M. POCKNELL
2 00	4 00			DRILL + REAM TO 26" HOLE
4 00	6 00			CLEAN UP RIG

DRILLER: Jack Kohut

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		I.D.	O.D.		
		BIT				FT.
2		6 5/8 DC				62.68
1		Bell Sub				3.00
1		Hole Opener				4.58
			I.D.	X	O.D.	FT.
			I.D.	X	O.D.	FT.
			I.D.	X	O.D.	FT.
			I.D.	X	O.D.	FT.
			I.D.	X	O.D.	FT.
		DP	STANDS			FT.
		DP	SINGLES			FT.
		KELLY DOWN				1000 FT.
		TOTAL				8023.'
		WT. OF DC IN AIR				LBS.
		WT. OF STRING				33 000 LBS

BIT RECORD

BIT NO.	2A
SIZE	17 1/4
MFG.	
TYPE	
JETS 1/32"	
SERIAL NO.	259420
DEPTH OUT	80'
DEPTH IN	0
TOTAL FTG.	80'
TOTAL HRS. RUN	
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME			
WEIGHT			
VIS.-SEC.			
PV/YP	/	/	/
GELS	/	/	/
W.L.-C.C.			
PH			
% SOLIDS			
% SAND			

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT
Gel	1300		
Caustic	60		

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-B CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
70	80		R.											

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS
4 00	4 15	1/4	7	Rig Ser. C
4 15	9 30	5 1/4	3.	Ream. + Drill 12 1/4 Hole
				to 26" Hole.
9 30				Trip out. Lay Down 6 5/16 DCs.
				Break Down 26" Reamer Pick up.
				12 1/2 Reamer + 9" DCs. From Drk.
	12 00	12 00	6	Make up Subs weld 12 1/4 Bit +
				To Reamer.

DRILLER: C. Sprague

CP-38 (10/69)

DAILY DRILLING REPORT

WELL NAME: SHELL STE CROIX DE ROMAIN # 1
LOCATION: PROVINCE: QUÉBEC

OPERATOR: Shell Canada Limited
SIGNATURE OF OPERATOR'S REPRESENTATIVE: R. Mayfield

CONTRACTOR: REGENT DRILLING LTD
SIGNATURE OF CONTRACTOR'S TOOL PUSHER: J. Hubbard

RIG NO.: 6

DEPTH AT START OF MORNING TOUR	DEPTH AT END OF EVENING TOUR	DAILY PROGRESS	CUMULATIVE ROTATING HOURS	DAYS FROM SPUD	DATE MONTH	DAY	YEAR
				0	11	7	71

DP. / DC. SIZE	WT. / FT.	GRADE	MIN. I.D.	TOOL JT O.D.	TYPE THREAD	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH

LAST CASING TUBING OR LINER

SIZE	WT. AND GR.	NO. OF JOINTS	FEET	RE TO CSG. HEAD	SET AT	CEMENT USED (SACKS)	REMARKS

TIME DISTRIBUTION — HOURS

CODE NO.	OPERATION	MORN.	DAY	EVE.	TOTAL
1	RIG UP TEAR DOWN	8	8	4	
2	DRILLING ACTUAL			2¾	
3	REAMING				
4	CORING				
5	CLEAN TO BOTTOM AND CIRCULATING				
6	TRIPS				
7	RIG SERVICE				
8	RIG REPAIR				
9	CUT AND/OR SLIP LINE				
10	DEVIATION SURVEY				
11	WIRE LINE LOG				
12	RUN CASING AND CEMENT				
13	WAIT ON CEMENT				
14	NIPPLE UP B.O.P.				
15	TEST B.O.P.				
16	DRILL STEM TEST				
17	PLUG BACK				
18	SQUEEZE CEMENT				
19	STUCK OR FISHING				
20	HANDLE TOOLS			1¼	
21	CONDITION MUD				
22	LOST CIRCULATION				
23					
24					
COMPLETION 40	PERFORATE				
COMPLETION 41	TUBING TRIPS				
COMPLETION 42	TREATING				
COMPLETION 43	SWABBING				
COMPLETION 44	TESTING				
COMPLETION 45		Code 20		20½	
60	ABANDON				
70	STANDBY	Code 20	2	4½	
	TOTALS	8	8	8	
	HOURS FOR SHELL ACCOUNT				24
CONTRACTOR	BOILER	-			24

HOLE CONDITION

1	HOLE DRAG (1000#)	
2	TORQUE ON BOTTOM (DP TURNS)	
3	FILL ON BOTTOM (FEET)	

DRILLING ASSEMBLY AT END OF TOUR

NO.	CODE		I.D.	O.D.	FT.
		BIT			FT.
			I.D. X	O.D.	FT.
			I.D. X	O.D.	FT.
			I.D. X	O.D.	FT.
			I.D. X	O.D.	FT.
			I.D. X	O.D.	FT.
			I.D. X	O.D.	FT.
		DP STANDS			FT.
		DP SINGLES			FT.
		KELLY DOWN			FT.
		TOTAL			FT.
		WT. OF DC IN AIR			LBS.
		WT. OF STRING			LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
JETS 1/32"	
SERIAL NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HRS. RUN	
BIT CONDITION 1/8" T/B/GAGE	
REAMER CUTTER NO.	
REAMER TYPE	

MUD RECORD

TIME	
WEIGHT	
VIS.-SEC.	
PV/YP	
GELS.	
W.L.-C.C.	
PH	
% SOLIDS	
% SAND	

MUD MATERIALS ADDED

TYPE	AMOUNT	TYPE	AMOUNT

MORNING TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS	
12				HOOK UP DEGASSER	P. GRAY DRILL
				PRIME D700	E. HOLLAND DRK
				PUT SCREENS ON SHAKER	G. CAMADON MTR
				PICK UP KELLY START DRILL RATHOLE	R. LERICHE FLR
	8	8	1	FINISH TRUCKS FOR GAILON MUD TANK	A. CHAMPA FLR

DRILLER: P Gray

DAY TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS	
8⁰⁰	4⁰⁰	8		DRILL RAT HOLE +	J. KOHUT 8
				RIG UP TO SPUD	B. BLOUIN 8
				MIX MUD	G. FRANKLIN 8
					M. FRANKLIN 8
					M. POCKNELL 8

DRILLER: J Kohut

MUD RECORD: GEL 11,400#; CAUSTIC 200#

EVENING TOUR

FOOTAGE

FROM	TO	ROT. HOURS	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY R.P.M.	WT. ON BIT (1000#)	PUMP (AIR) PRESS.	AIR VOL. (CFM.)	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD PUMPS RUN
0	59:52	2¾	D			40	6			7¾x16	26	5½x8	105	S.

DEVIATION RECORD

DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION	DEPTH	DEVIATION°	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	CODE	DETAILS OF OPERATION IN SEQUENCE AND REMARKS	
4⁰⁰	8⁰⁰	4	21	Mix Mud To Spud In.	C Sprague Drl. 8
8⁰⁰	9⁰⁰	1	2	Spud + Drill 12¼ Hole.	D Brown Drk. 8
9⁰⁰				Pick up 9" Collar +	N Zitthan Mrt 8
	10¹⁵	1¼		9" Subs Tighten Quill	I Holland Flr. 8
10¹⁵	12⁰⁰	1¾	2	Drlg - 12¼" Hole.	F Hughes Flr 8

DRILLER: C Sprague

BIT RECORD: BIT NO. 1R; SIZE 12¼; MFG. Sec.; TYPE S4J; JETS 1/32" 3 2 3; SERIAL NO. 234330; DEPTH OUT; DEPTH IN 0; TOTAL FTG. 59:52; TOTAL HRS. RUN 2¾; BIT CONDITION 1/8" T/B/GAGE; REAMER CUTTER NO.; REAMER TYPE

DRILLING ASSEMBLY AT END OF TOUR: 1 9" I.D. 9" O.D. 30.74 FT.; 1 10" I.D. X O.D. 2.40 FT.; 1 10" I.D. X O.D. 3.00 FT.; 1 8½" I.D. X O.D. 3.38 FT.; KELLY DOWN 20.00 FT.; TOTAL 59:52 FT.; WT. OF STRING 33000 LBS.