GM 35463

DIAGRAPHIES ET RAPPORTS DE FIN DE FORAGE, SOQUIP ET AL. BLANCHET NO 1

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Énergie et Ressources naturelles
Québec

RAPPORT DE FIN DE FORAGE
SOQUIP ET AL. BLANCHET NO 1

Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Documentation Technique
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Rapport # 10515
Projet # 2079

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Août 1979

Richard Théroux,
géologue.

Yvan Tessier,
ingénieur de forage

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I- RESUME

I- RESUME

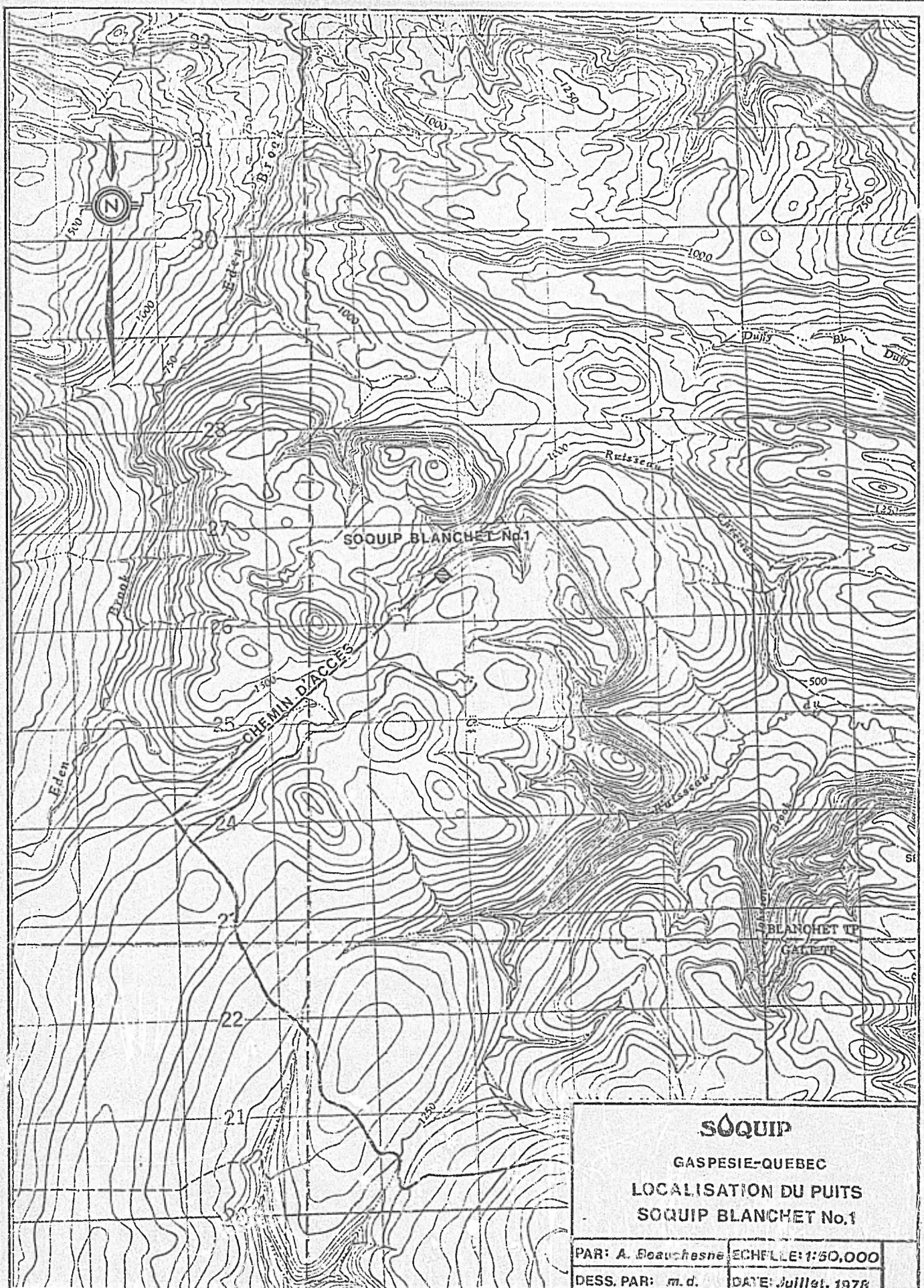
SOQUIP et al. Blanchet No. 1 a été foré sur le permis du Québec No 607 de la péninsule de Gaspé par la foreuse No 6 de Regent Drilling Ltd d'une capacité de 4 300 mètres.

Les objectifs de ce puits étaient d'évaluer les calcaires récifaux du Saint-Alban (West Point) ainsi que les calcaires fracturés du Grande Grève et du Cap Bon Ami au-dessus du Saint-Alban.

Le forage a traversé du sommet vers la base 155 mètres d'Indian Cove, 110 mètres de Shiphead, 275 mètres de Forillon, 640 mètres de Cap Bon Ami. Le forage s'est arrêté après 147 mètres de Cambro-Ordovicien pour une profondeur totale de 1332 mètres K.B.

Quatre diagraphies furent prises: le "Borehole Compensated Sonic Log" (intervalle 295 à 1332 m), le "Compensated Neutron - Formation Density" (intervalle 295 à 1332 m), Le "Dual Laterolog" (intervalle 300 à 1327 m), ainsi que le "Continuous Dipmeter" (intervalle 300 à 1332 m).

Aucune carotte n'a été prise. Un seul essai aux tiges a été effectué sans donner de résultats intéressants. Le puits est sec et abandonné.


SOQUIP BLANCHET No.1
CHEMIN D'ACCÈS
Eden Brook
Ruisseau
Duffy Blk
BLANCHET TP
GASPÉ TP
N
SOQUIP
GASPESIE-QUEBEC
LOCALISATION DU PUITS
SOQUIP BLANCHET No.1
PAR: A. Beauchesne
ECHELLE: 1:50,000
DESS. PAR: m.d.
DATE: Juillet, 1978

C-2752

II- INFORMATIONS GENERALES

II- INFORMATIONS GENERALES

Nom du puits:	SOQUIP et al. Blanchet No. 1
Foreuse:	Regent Drilling Rig No 6
Opérateur:	SOQUIP 3340, de la Pérade, Ste-Foy, Québec. GIX 2L7
Contracteur:	Regent Drilling Ltd., 12912 - 125, Ave, Edmonton, Alberta.
Permis:	Permis du Québec No 607
Localisation:	Latitude: 5 426 600 m N Zone: 20 Longitude: 366 900 m E
Elévation:	Sol ±410 m K.B.: ±415,28 m
Profondeur totale:	1332 m P.T. K.B.: (foreur)
Début du forage:	4 juillet 1979
Fin du forage:	6 août 1979
Fin des travaux:	10 août à 18:00 heures
Statut:	Sec et abandonné

III- GEOLOGIE

1) Sommets des unités lithostratigraphiques

III- GEOLOGIE

1) Sommets des unités lithostratigraphiques

	K.B.	Sous le niveau de la mer	Epaisseur
Pas de Mort-Terrain	---	---	---
Indian Cove	5,28 m	+ 410 m	154,72 m
Shiphead	160 m	+ 255,28 m	110,00 m
Forillon	270 m	+ 145,28 m	275,00 m
Cap Bon Ami	545 m	- 129,72 m	640,00 m
Cambro-Ordovicien	1185 m	- 769,72 m	147,00 m
PROFONDEUR TOTALE:	1332 m	- 916,72 m	

III- GEOLOGIE

2) Description générale des retailles

III- GEOLOGIE

2) Description générale des retailles

A) 4,18 m - 160 m : Principalement un calcaire gris brunâtre à brun, wackestone à packstone, parfois à spicules d'éponge et légèrement siliceux et silteux. Trace à présence d'un autre calcaire gris clair brunâtre (beige), friable et légèrement silteux.

B) 160 m - 270 m : Siltstone gris moyen à foncé à grains fins, parfois arénacé surtout calcareux à calcaro-dolomitique. De 260 m à 270 m, zone montrant beaucoup de calcite de fractures.

C) 270 m - 545 m : Bande homogène de calcaire gris moyen à foncé brunâtre (IDEM zone A), par niveaux calcaro-dolomitique. Entre 405 et 475, trace à présence de calcite de fractures.

D) 545 m - 940 m : Séquence composée surtout d'un siltstone calcareux et/ou dolomitique en alternance, passant à certains niveaux (695, 735, 830) à un calcaire très silteux.
Entre 770 et 805 on remarque surtout une bande de grès gris moyen brunâtre, ciment calcaro-dolomitique et glauconitique.

E) 940 m - 1060 m : Calcaire gris moyen à foncé, brunâtre, silteux et argileux, légèrement dolomitique à très dolomitique dans les vingt derniers mètres.

E) 940 m - 1060 m (suite) : Présence constante d'un calcaire gris clair, dolomitique et friable.
De 940 m à 960 m, zone avec présence de calcite de fractures.

F) 1060 m - 1185 m : Siltstone gris foncé à noir légèrement brunâtre, dolomitique à très dolomitique pouvant passer à la limite à une dolomie silteuse. Trace d'un siltstone gris clair calcareux à calcaro-dolomitique et friable.

G) 1185 m - 1195 m : Abondance d'un siltstone brun rougeâtre, calcareux à peu calcareux vers la base et d'un schiste vert clair à moyen à chlorite et épidote très minéralisé et légèrement friable et altéré avec des grains de quartz disséminés.

H) 1195 m - 1332 TD : Schistes à chlorite vert foncé, traces d'épidote et des grains de quartz disséminés.

IV- INGENIERIE

IV- INGENIERIE

1- Carottage

NIL

IV- INGENIERIE

2- Analyse de carotte

NIL

IV- INGENIERIE

3- Diagraphies

Enregistrement No. 1

Dual Laterolog - 1331 à 300 m (10 m pour 17 et 42 mm).

Enregistrement No. 2

BHC Sonic - 1332 à 295 m (10 m pour 17 et 42 mm).

Enregistrement No. 3

CNL - FDC - 1332 à 295 m (1 x 10 m pour 42 mm).

Enregistrement No. 4

Dipmeter - 1332 à 295 m (10 m pour 42 mm).

IV- INGENIERIE

4- Essais aux tiges (Voir appendice)

DST No. 1 (955 à 935 m).

PF : 15 min. Débit d'air très faible à faible
ISI : 60 min.
FF : 120 min. Débit d'air faible décroissant constamment
Pas de gaz à la surface

FSI : 240 min.
IHP : 9973 kPa
IFP : 537 kPa
ISIP : 2686 kPa
FP : 626,8 kPa
FFP : 716,3 kPa
FSIP : 1970 kPa
FHP : 9797 kPa

Récupéré 34 mètres de boue de forage à la surface.

IV- INGENIERIE

5- Analyse de gaz

NIL

IV- INGENIERIE

6- Analyse d'eau

NIL

IV- INGENIERIE

7- Problèmes de forage

1. Au début du forage, nous avons colmaté une légère perte de circulation dans la cave avant-puits ("cellar").

2. Les "rat hole" et "mouse hole" sont forés avec les pinces mécaniques "power tong"

3. Il a été nécessaire d'entrer partiellement la stabilisation à 25m; i.e. les stabilisateurs dans un premier temps jusqu'au fonds et enfin l'assemblage au complet avec la masse-tige carré 311mm.

4. Avant d'aléser le trou à 445mm, la viscosité est augmentée à 120cps pour éliminer les nombreuses retombées à 105m.

5. Après 43m d'alésage à 445mm, bris du "swivel" (roulement à billes et joint étanche). Foreuse en attente pendant 66 heures.

6. Le sommet du bouchon d'abandon au bas du coffrage est à 285m au lieu de 260m comme prévu. La raison est une invasion possible de la formation par le ciment.

IV- INGENIERIE

8- Relevé de déviation

Des relevés de déviation non directionnels furent pris à intervalles réguliers sur tout le trou.

Déviation (°)	Profondeur (m)
1/2	25
1/2	36
1/2	46
1/2	65
1/2	83
1/2	103
1/4	120
3/4	138
1/2	156
3/4	174
3/4	192
1/2	211
7/8	231
7/8	249
7/8	268
3/4	295
1	310
1 1/2	331
1 3/4	350
2 1/4	379
2 1/8	407
1 3/4	436
2 1/4	464
2 1/2	502
2 1/2	541
3	588
3	645
3 1/2	712
4	750
3 3/4	835
4	891
4 3/4	949
5 1/2	996
5 3/4	1043
6 1/4	1091
8	1148
9	1196

IV- INGENIERIE

9- Liste des trépans et Analyse des coûts de forage

SOQUIP — BLANCHET # 1 — liste des trépans

NUMERO	DIAMETRE mm	MARQUE	MODELE	NUMERO DE SERIE	SORTIE m	AVANCEMENT m	HEURES	m/h	POIDS 10³ N	RPM	DEVIATION	JETS 1/32 in	Q l/min	PRESSION kPa	DENSITE kg/m³	VISCOSITE s/l	pH	PERTE D'EAU cm³/30	ETAT DU TREPAN 1	2	3	REMARQUES
1A	311	SEC.	S33	555955	41	41	45	45	0,91	5000	55	1/2	-	2800	1500	1020	60	9,5	n/c	4	1	2	
2A	311	SEC.	S88	612714	105	64	34	79	1,8	9/10	55	1/2	-	2800	1500	1090	100/160	10,5	n/c	2	1	1	
H.O # 1	445	SEC.	bouton	B17 5123	43	43	20	99	2,2	Var.	Var.									bonne			
RR 2A	311	SEC.	S88	612714	295	190	61 3/4	160 3/4	3,1	10000	60	3/4	10,1 10,1 10,1	2000	6500	1050	60	11,5	n/c	4	2	2	
1C	216	H.W.	JD7	26297	320	25	9	169 3/4	2,8	10000	65	1	-		air					4	1	1	
2C	216	REED	FP62J	813884	933	613	138	307 3/4	4,4	10/15	50	4	8,72 8,72 8,72	1125	4500	1060	37	12,0	n/c	6	6	3	air et boue
3C	216	SEC.	M84F	901763	1240	307	104	411 3/4	3,0	15000	45/50	9	7,9 7,9 7,9	1100	6500	1020	36	11,5	n/c	5	3	2	
4C	216	H.W.	X55R	ED705	1287	47	28 1/4	440	1,7	13000	35	9	7,9 7,9 7,9	1100	6500	1020	41	11,0	n/c	8	3	1	
5C	216	H.W.	J77	40998	1332	45	26 1/2	466½	1,7	13000	35	9	7,1 7,1 8,7	1100	6500	1020	40	11,0	n/c	4	2	1	

Coûts des trépans et du forage

SOQUIP BLANCHET No. 1

Dim.	No.	Modèle	Coût $	Forage heures	Trip heures	Total heures	Foreuse coût/h	Foreuse total/$	Forage total/$	m	Coût $/m	Σ $	Σ $/m
311	1A	S33	1455	45	2	47	580	27 260	28 715	41	700	28 715	700
311	2A	S88	5776	34	9	43	501	21 543	27 319	64	427	56 034	535
445	H O	bouton	≃1000	20	6	26	522	13 572	14 572	43	339	70 606	477
311	RR2A	S88	5776 ÷2	61 3/4	11 1/4	73	371	27 083	29 971	190	158	100 577	298
216	1C	JD7	1048	9	5	14	450	6 300	7 348	25	294	107 925	297
216	2C	FP62J	3425	138	8 1/4	146 1/4	450	65 813	69 238	613	113	177 163	182
216	3C	M84F	3474	104	3 1/4	107 1/4	437	46 868	50 342	307	164	227 505	177
216	4C	X55R	≃2843	28 1/4	3 1/2	31 3/4	416	13 208	16 051	47	342	243 556	183
216	5C	J77	≃3425	26 1/2	3 1/4	29 3/4	416	12 376	15 801	45	351	259 357	189

IV- INGENIERIE

10- Coffrage et cimentation

SOQUIP

COFFRAGE: conducteur 340mm "OD

MISE EN PLACE ET CIMENTATION

DATE: 1979-07-11

1. Puits: SOQUIP Blanchet no. 1 Location: 5 426 600m N

Zone: 20 366 900m E

Elévation du Niveaux: KB: 415,28 m Elévation du sol: ± 410 m

Profondeur totale: 43 m K.B. Diamètre: 445 mm

Type de boue: eau-gel Poids: 1280 kg/m^3 Viscosité: 120 s/l Perte d'eau: n/c

2. Coffrage

Longueur totale: 43 m Sabot @ 43 m

Collet de flottaison @ nil

Mise en place: début 21:45 fin 00:30 circulation 30 min.

Remarques:

3. Cimentation

Compagnie: Halliburton Opérateur: Daniel Lasanté

Quantité de ciment: 7,3 tonnes, classe "G", contenant 1% de chlorure de calcium ($CaCl_2$)

Liquide de pointe: 1,6 m^3 d'eau fraîche

Mélange du ciment: début 01:27 fin 01:42 densité moyenne 1893 kg/m^3

Déplacement: volume 2,4 m^3 début 01:43 fin 01:55

Pression de pompage maximum 3447 kPa retour du ciment: oui/~~non~~

Remarques:

SOQUIP

"PIPE TALLY SHEET"

PUITS SOQUIP BLANCHET #1 DATE 1979-07-11

1	12.33						
2	12.23						
3	11.81						
4	12.21						

SOQUIP

COFFRAGE: surface 245mm "OD

MISE EN PLACE ET CIMENTATION

DATE: 1979-07-19

1. Puits: SOQUIP BLANCHET #1 Location: 5 426 600m N

Zone: 20 366 900m E

Elévation du

Niveaux: KB: 415,28 m Elévation du Sol: ± 410 m

Profondeur totale: 295,7 m Diamètre: 311mm

Type de boue: SS-100 KCl Poids: 1040 kg/m^3 Viscosité: 45 s/l Perte d'eau: n/c

2. Coffrage

Longueur totale: 295,7 m Sabot @ 295,7 m

Collet de flottaison @ 285,18 m

Mise en place: début 16:00 fin 20:00 circulation 30 min.

Remarques:

3. Cimentation

Compagnie: Halliburton Opérateur: Daniel Lasanté

Quantité de ciment: 18 tonnes, classe "G"

Liquide de pointe: 318m^3 d'eau - SAPP

Mélange du ciment: début 21:45 fin 22:12 densité moyenne 1893 kg/m^3

Déplacement: volume 11,6 m^3 début 22:24 fin 22:34

Pression de pompage maximum 6895 kPa retour du ciment: oui/xxx

Remarques:

SOQUIP

"PIPE TALLY SHEET"

PUITS SOQUIP BLANCHET #1 DATE 1979-07-19

1	10.52	21	11.93				
2	10.51	22	10.19				
3	11.15	23	11.04				
4	12.31	24	11.87				
5	12.36	25	12.32				
6	12.29	26	10.89				
7	10.90	27	11.07				
8	10.92						
9	10.50						
10	11.13						
11	11.77						
12	11.49						
13	10.90						
14	12.03						
15	9.41						
16	8.92						
17	7.61						
18	10.76						
19	11.10						
20	9.88						
	216.46		79.24				

Dia. ext. 244mm

Poids 48kg/m

Type H-40

Grandeur 1-2-3

Filets 8 RD

Manchons long

Marque Algoma

	SOMMAIRE
1	
2	295.70
3	
4	
5	

	TOTAL
pge 1	
pge 2	
pge 3	
pge 4	

Nombre de sections:

Livrées au site 28

Laissées en surface (incluant la section supérieure) 2

En permanence dans le puits 26

Remarques

Mesuré par Regent Drilling Représentant de l'opérateur Jean Boudreault

IV- INGENIERIE

11- Boue utilisée

Gel:	49 500 kg
KCl:	19 100 kg
NaOH:	1 700 kg
Polymer:	320 kg
SAPP:	90 kg
Soda Ash:	90 kg

IV- INGENIERIE

12- Procédure d'abandon

Le puits est abandonné et trois bouchons de ciment ont été mis en place.

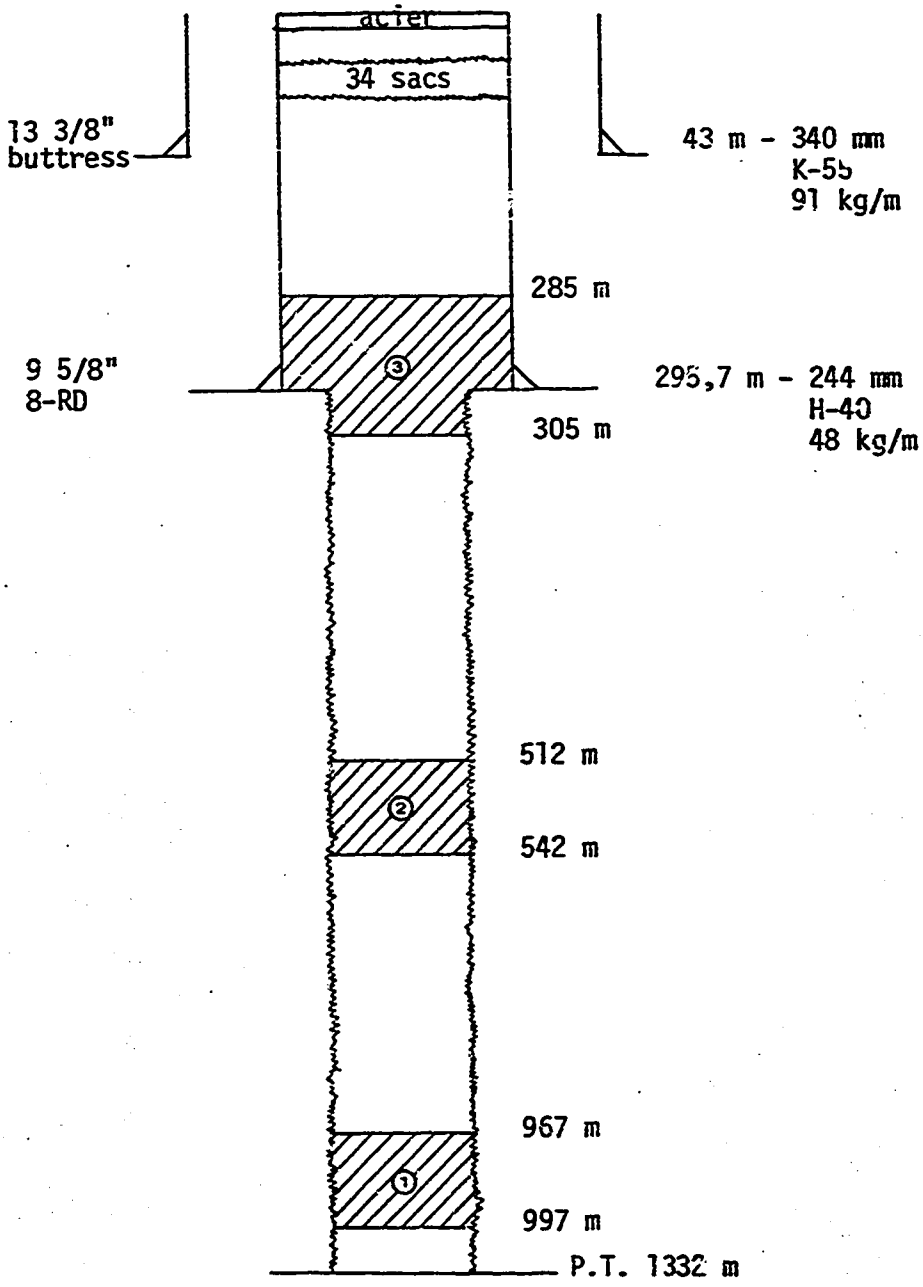
Boucnon no. 1 : 997 à 967 m
Bouchon no. 2 : 542 à 512 m
Bouchon no. 3 : 305 à 285 m

La densité du ciment est de 1895. kg/m^3.
Le troisième bouchon est touché à 285 m
Une plaque d'acier est soudée sur le coffrage de surface.

IV- INGENIERIE

13- Condition mécanique - SOQUIP Blanchet No. 1

Diagramme d'abandon
Les profondeurs sont au niveau K.B.



V- APPENDICES

1) Rapports géologiques journaliers

SOQUIP

3340 de la Pérade
SAINTE-FOY, Qué.
G1X 2L7

RAPPORT GEOLOGIQUE JOURNALIER

FORAGE SOQUIP BLANCHET NO 1 DATE Le 7 août 1979

PROFONDEUR de 1316 mètres JOUR DE FORAGE 33

à 1332 (16) mètres GEOLOGUE Richard Théroux

LITHOLOGIE RESUMEE

1315-1332: 100% schiste vert foncé à chlorite

INDICES ET ESSAIS/SHOWS AND TESTS

GAZ:	Profondeur	H.W. Units	$\%C_1$
	1315-1330	,05 à ,09	tr.

REMARQUES/REMARKS

CALCIMETRIE:	Profondeur	$\%CaCo_3$	$\%CaMg(CO_3)2$
	1315-1330	0	0

Logging: gamma, sonic, densité, neutron, dual laterolog pris, pendagemètre à prendre.
955-962: zone poreuse possible.

SOQUIP
3340 de la Pérade
SAINTE-FOY, Qué.
G1X 2L7

RAPPORT GEOLOGIQUE JOURNALIER

FORAGE SOQUIP BLANCHET NO 1 DATE le 6 août 1979

PROFONDEUR de 1287 mètres JOUR DE FORAGE 32

à 1316 (29) mètres GEOLOGUE RICHARD THEROUX

LITHOLOGIE RESUMEE

1285-1315: 100% schiste vert foncé à chlorite
tr. siltstone vert pâle (microqtzite silteuse)
tr. siltstone brun

INDICES ET ESSAIS/SHOWS AND TESTS

GAZ:

Profondeur	H.W. Units	$\%C_1$	$\%C_2$
1285-1315	,05 à ,08	tr à ,007	0 à ,001

REMARQUES/REMARKS

CALCIMETRIE:

Profondeur	$\%CaCo_3$	$\%CaMg(CO_3)2$
1290-1315	0	0

SOQUIP
3340 de la Pérade
SAINTE-FOY, Qué.
G1X 2L7

RAPPORT GEOLOGIQUE JOURNALIER

FORAGE SOQUIP BLANCHET NO 1 DATE Le 5 août 1979

PROFONDEUR de 1252 mètres JOUR DE FORAGE 31

à 1287 (35) mètres GEOLOGUE Richard Théroux

LITHOLOGIE RESUMEE

1250-1285: 95-100% schiste vert foncé à chlorite
tr- 5% siltstone vert pâle (microqtzite silteuse)
tr. sulfures et quartz

INDICES ET ESSAIS/SHOWS AND TESTS

GAZ:	Profondeur	%H.W. Units	$\%C_1$
	1250-1285	,02 à ,04	tr - ,004

REMARQUES/REMARKS

CALCIMETRIE:	Profondeur	$\%CaCo_3$	$\%CaMg(CO_3)2$
	1250-1285	0	0-6

SOQUIP
3340 de la Pérade
SAINTE-FOY, Qué.
G1X 2L7

RAPPORT GEOLOGIQUE JOURNALIER

FORAGE SOQUIP BLANCHET NO 1 DATE Le 4 août 1979

PROFONDEUR de 1178 mètres JOUR DE FORAGE 30

à 1252 (74) mètres GEOLOGUE Richard Théroux

LITHOLOGIE RESUMEE

1175-1185:	95-100%	siltstone gris moyen foncé brunâtre calcaro-dolomitique à très dolomitique passant à une dolomie argilo-silteuse.
	tr- 5%	siltstone gris clair calcaro-dolomitique, friable.
1185-1190:	50%	siltstone brun moyen à foncé, légèrement calcareux.
	50%	schiste vert foncé à chlorite, très riche en sulfures.
1190-1195:	85%	schiste vert foncé à chlorite
	10%	siltstone vert pâle (microqtzite silteuse)
	tr- 5%	calcite
1195-1250:	100%	schiste vert foncé à chlorite, avec sulfures.
	tr.	siltstone brun moyen à foncé, légèrement calcareux.
	tr.	bitumes associés aux sulfures.

INDICES ET ESSAIS/SHOWS AND TESTS

GAZ:	Profondeur	%H.W. Units	$\%C_1$	$\%C_2$
	1180-1250	,02 à ,14%	tr - ,016	0 à ,003

REMARQUES/REMARKS

CALCIMETRIE:	Profondeur	$\%CaCo_3$	$\%CaMg(CO_3)2$
	1180-1190	20	6-18
	1195-1205	9-14	0-6
	1210-1250	0- 2	0-6

SOQUIP
3340 de la Pérade
SAINTE-FOY, Que.
G1X 2L7

RAPPORT GEOLOGIQUE JOURNALIER

FORAGE SOQUIP BLANCHET NO 1 DATE le 3 août 1979

PROFONDEUR de 1004 mètres JOUR DE FORAGE 29

à 1178 (74) mètres GEOLOGUE Richard Théroux

LITHOLOGIE RESUMEE

1100-1175: 90-95% siltstone gris moyen à légèrement brunâtre, dolomitique à très dolomitique passant parfois à une dolomie argilo-silteuse, microcristalline.
5-10% siltstone gris clair brunâtre calcaro-dolomitique, friable.
tr. sulfure et calcite.

INDICES ET ESSAIS/SHOWS AND TESTS

GAZ:

Profondeur	H.W. Units	$\%C_1$	$\%C_2$	$\%C_3$	$\%C_4$
1005-1175	,07 à ,15	tr à ,036	tr à ,004	tr à ,002	0 à tr.

REMARQUES/REMARKS

CALCIMETRIE:

Profondeur	$\%CaCo_3$	$\%CaMg(CO_3)2$
1095-1175	4-14	28-42

RELEVE DE DEVIATION

Profondeur	Déviation
1148	18°

Cl: 49,000 ppm

SOQUIP
3340 de la Pérade
SAINTE-FOY, Qué.
G1X 2L7

RAPPORT GEOLOGIQUE JOURNALIER

FORAGE SOQUIP BLANCHET NO 1 DATE le 2 août 1979

PROFONDEUR de 1035 mètres JOUR DE FORAGE 28

à 1104 (69 m) mètres GEOLOGUE Richard Théroux

LITHOLOGIE RESUMEE

1030-1060:
- 80-90% calcaire gris moyen à foncé, brunâtre, silteux à traces silt., légèrement siliceux passant à un siltstone calcareux et calcaro-dolomitique vers 1045 m.
- 5-15% calcaire gris clair brunâtre, friable devenant dolomitique vers 1045 m.
- tr-10% calcaire gris moyen brunâtre à brun moyen (wakestone à packestone), légèrement dolomitique.
- tr- 5% calcite

1060-1100:
- 95% siltstone gris foncé brunâtre, calcaro-dolomitique alternant siltstone plus dolomitique.
- traces sulfure, traces calcite.

INDICES ET ESSAIS/SHOWS AND TESTS

GAZ: Profondeur	H.W. Units	$\%C_1$	$\%C_2$	$\%C_3$
1030-1100	,02 à 26	tr à ,03	0 à tr	0 - tr

REMARQUES/REMARKS

CALCIMETRIE: Profondeur	$\%CaCo_3$	$\%CaMg(CO_3)2$
1030-1045	32-36	12-24
1050-1055	42-50	30
1060	20	30
1065-1090	12-18	12-22

SOQUIP

3340 de la Pérade
SAINTE-FOY, Qué.
G1X 2L7

RAPPORT GEOLOGIQUE JOURNALIER

FORAGE SOQUIP BLANCHET NO 1 DATE Le 1er août 1979

PROFONDEUR de 983 mètres JOUR DE FORAGE 27

à 1035 (52) mètres GEOLOGUE Richard Théroux

LITHOLOGIE RESUMEE

980-1030:
- 70-85% calcaire gris moyen à foncé, brunâtre, argilo-silteux, légèrement dolomitique, siliceux pouvant passer à un siltstone.
- 5-15% calcaire gris moyen, brunâtre à brun moyen, wackstone à packestone, parfois spicules.
- 5-15% calcaire blanc (beige), friable.
- tr. calcite
- tr. calcaire très siliceux.
- tr. chest

INDICES ET ESSAIS/SHOWS AND TESTS

GAZ:

Profondeur	H.W. Unit	%C_1	%C_2	%C_3
985-1030	,016 à ,12	tr à ,02	tr à ,002	0 à tr.

REMARQUES/REMARKS

CALCIMETRIE:

Profondeur	%$CaCo_3$	%$CaMg(CO_3)2$
980-995	50-58	10-24
1000-1025	28-44	15-17

RELEVE DE DEVIATION

Profondeur	Déviation
996	5.5°

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RAPPORT GEOLOGIQUE JOURNALIER

FORAGE SOQUIP BLANCHET NO. 1 DATE le 31 juillet 1979

PROFONDEUR de 933 mètres JOUR DE FORAGE 26

à 983 (50 m) mètres GEOLOGUE Richard Théroux

LITHOLOGIE RESUMEE

925-940: 75-90% siltstone gris moyen brunâtre à ciment très dolomitique passant à une dolomie silteuse.
10-25% siltstone gris clair brunâtre, calcareux, friable, légèrement silteux.

940-955: 45-70% calcaire gris moyen à foncé brunâtre argilo-silteux, siliceux, passant à un siltstone.
(Indian Cove) 5-25% calcaire gris moyen, brunâtre à brun moyen siliceux (wackestone à packestone spiculé)
5-25% calcite de fractures.
5-10% calcaire siliceux gris brunâtre, légèrement bleuté, passant à un schiste calcareux
tr-5% dolomie blanche.
0-5% calcaire gris clair brunâtre friable et silteux.

950-980: 60-85% calcaire, idem
5-30% calcaire, idem
tr-10% calcaire beige
tr. calcite

INDICES ET ESSAIS/SHOWS AND TESTS

GAZ: Profondeur	H.W. Units	%C_1	%C_2	%C_3	%C_4
935-980	,07 à ,42	,024 à ,06	tr à ,008	tr à ,004	
kick 945	3,08	1	,176	,053	,034

(drilling break) 943-944 (4-7 min/m)

REMARQUES/REMARKS

CALCIMETRIE: Profondeur	%$CaCo_3$	%$CaMg(CO_3)2$
925-940	6-18	32-40
945-955	44-46	10-12
960	60	10
965-975	42-46	10-12

DEVIATION: 949 : 4-3/4°

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RAPPORT GEOLOGIQUE JOURNALIER

FORAGE SOQUIP BLANCHET #1 DATE Le 30 juillet 1979

PROFONDEUR de 849 mètres JOUR DE FORAGE 25

à 933 (84) mètres GEOLOGUE Richard Théroux

LITHOLOGIE RESUMEE

845-850: 100% siltstone gréseux à gris silteux, gris moyen, légèrement brunâtre, ciment dolomitique passant à la limite à une dolomie silteuse. trace calcite.

850-925: 90-95% siltstone gris moyen légèrement brunâtre, ciment dolomitique légèrement calcareux passant à une dolomie et légèrement siliceux.
5-10% siltstone gris clair à moyen, ciment dolomitique et friable.
0- 5% dolomie beige
0-tr calcite

INDICES ET ESSAIS/SHOWS AND TESTS

GAZ:

Profondeur	%C_1	%C_2	%C_3	%C_4
845-930	,04 à ,48	tr - ,056	0 - 0,006	0 - ,004

REMARQUES/REMARKS

CALCIMETRIE:

Profondeur	%$CaCo_3$	%$CaMg(CO_3)2$
850-920	2-16	18-34

RELEVE DE DEVIATION:

Profondeur	Déviation
891	4°

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RAPPORT GEOLOGIQUE JOURNALIER

FORAGE SOQUIP BLANCHET NO 1 DATE Le 29 juillet 1979

PROFONDEUR de 777 mètres JOUR DE FORAGE 24

à 849 (76) mètres GEOLOGUE Richard Théroux

LITHOLOGIE RESUMEE

770-780:	90-95%	grès gris moyen à clair, légèrement brunâtre, grains fins sub-anguleux à sub-arrondis, ciment très calcareux, dolomitique.
	0- 5%	dolomie gris clair beige, silteuse très finement à micro-cristalline.
	tr- 5%	calcite
780-795:	50-55%	grès, idem tr. glauconie grès bitume
	40-45%	calcaire gris moyen brunâtre à brun moyen, wackestone à packestone, gréseux et très dolomitique.
	tr- 5%	dolomie, idem
	tr- 5%	calcite
795-805:	85%	grès idem, siliceux.
	tr- 5%	dolomie, idem
	tr- 5%	calcite
805-815:	95%	siltstone gris moyen à foncé, légèrement brunâtre, calcaro-dolomitique à très dolomitique.
	tr- 5%	grès
	tr- 5%	calcite traces légères de shale noir, légère traces de surface polie
815-820:	75%	calcaire gris bleuté, siliceux à très siliceux, wackestone à packestone
	10%	grès, idem
	10%	siltstone, idem
	5%	calcite
820-825:	50%	grès, idem (légères traces de glauconie)
	40%	siltstone, idem
	5%	dolomie beige, cristalline à finement cristalline
	5%	calcite
825-840:	85-90%	calcaire gris moyen, brunâtre, siliceux et silteux-gréseux.
	10%	grès parfois légèrement glauconitique.
840-845:	100%	siltstone dolomitique. tr. calcite plus sulfure

.../2

RAPPORT GEOLOGIQUE JOURNALIER

DAILY GEOLOCIGAL REPORT

DATE le 29 juillet 1979

FORAGE/WELL SOQUIP BLANCHET #1

INDICES ET ESSAIS/SHOWS AND TESTS

GAZ: Profondeur	HW Unit	%C_1	%C_2	%C_3	%C_4	%C_5
775-780	,2 à ,6	,03 à ,046	,04 à ,02	,002 à ,01	0 à tr	--
785	7	3	,33	,23	,11	,04
790	,65	,19	,01	,01	,006	tr
795	3,28	2,8	,2	,072	,05	---
800-845	,26 à 1,08	,03 à ,304	,003 à ,055	tr à ,001	0 à ,006	---

REMARQUES/REMARKS

CALCIMETRIE: Profondeur	%$CaCo_3$	%$CaMg(CO_3)2$
766-835	16-36	12-38
840-845	4-6	28-42

RELEVE DE DEVIATION

Profondeur	Déviation
750	4^0
797	$3-2/3^0$
835	$3-3/4^0$

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RAPPORT GEOLOGIQUE JOURNALIER

FORAGE SOQUIP BLANCHET NO 1 DATE Le 28 juillet 1979

PROFONDEUR de 683 mètres JOUR DE FORAGE 23

à 773 (90 m) mètres GEOLOGUE Richard Théroux

LITHOLOGIE RESUMEE

675-680:	95%	siltstone gris moyen à foncé, légèrement brunâtre calcaro-dolomitique à très dolomitique
	5%	dolomie
	tr.	calcite.
680-705:	90%	siltstone, idem, très calcareux
	tr- 5%	calcite
	tr- 5%	calcarénite blanc brunâtre
	tr.	surface striée.
705-710:	100%	siltstone
	tr.	calcite blanche
710-715:	95%	siltstone
	5%	dolomie gris brunâtre
	tr.	calcite
715-730:	90-95%	siltstone
	5-10%	dolomie beige
730-735:	90%	calcaire gris brunâtre à brun moyen
	5%	calcaire blanc
	5%	dolomie beige
	tr.	calcite
735-760:	75-90%	siltstone...
	5-10%	calcaire...
	5-10%	dolomie...
	tr- 5%	calcite
760-765:	80%	siltstone passant à un calcaire dolomitique
	10%	dolomie
	10%	calcite

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RAPPORT GEOLOGIQUE JOURNALIER
DAILY GEOLOCIGAL REPORT

DATE Le 28 juillet 1979

FORAGE/WELL SOQUIP BLANCHET NO 1

INDICES ET ESSAIS/SHOWS AND TESTS

Gaz: Profondeur	H.W. Units	$\%C_1$	$\%C_2$	$\%C_3$
685-695	,19 à ,27	,004 à ,01	tr à ,001	
700	1,14	,21	,008	tr.
705-710	,26	,025 à ,05	,003 à ,006	,0016 à ,003
715	2,24	,03	,005	,003 à ,002
720-725	,57 à ,68	,048	,008	,006 à ,003
730	8,10			
735-775	,20 à 1,70	,03 à ,53	,004 à ,02	tr à ,005

REMARQUES/REMARKS

CALCIMETRIE: Profondeur	$\%CaCo_3$	$\%CaMg(CO_3)2$
675-730	12-37	6 - 18
735	40	16
740-760	11-24	20- 26
765	30	30

RELEVE DE DEVIATION

Profondeur	Déviation
750	4^0

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RAPPORT GEOLOGIQUE JOURNALIER

FORAGE SOQUIP BLANCHET #1 DATE Le 27 juillet 1979

PROFONDEUR de 635 m mètres JOUR DE FORAGE 22

à 683 m (48) mètres GEOLOGUE Richard Théroux

(Forillion)

LITHOLOGIE RESUMEE

625-675 m: 100% silt. gris fin, légèrement brunâtre, calcaro-dolomitique à traces dol. passant à une dolomie calcaro-silteuse.

0-tr calcite

INDICES ET ESSAIS/SHOWS AND TESTS

GAZ:

Profondeur	H.W. Units	$\%C_1$	$\%C_2$
635-683	,52 à ,88	,15 à ,39	0 à ,008

REMARQUES/REMARKS

CALCIMETRIE:

Profondeur	$\%CaCo_3$	$\%CaMg(CO_3)2$
620-670	10-20	20-36

RELEVE DE DEVIATION:

Profondeur	Déviation
645	3°

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RAPPORT GEOLOGIQUE JOURNALIER

FORAGE SOQUIP BLANCHET #1 DATE Le 26 juillet 1979

PROFONDEUR de 493 mètres JOUR DE FORAGE 21

à 635 m (142 m) mètres GEOLOGUE Richard Théroux

LITHOLOGIE RESUMEE

475-495: 95-100% calcaire gris brunâtre à brun moyen (wackestone à packestone)
tr- 5% calcaire gris clair à brun très clair.
tr. calcite

495-525: 95-100% calcaire, idem devenant gris foncé et argilo-silteux. Calcaire fossilifère vers 515 (spicules, coquille crinoïde"
tr- 5% calcite

525-540: 95-100% calcaire dolomitique gris brunâtre fossilifère passant à dolomie calcareuse.
tr- 5% calcite sulfure.

540-635: 100% siltstone gris foncé à noir, parfois légèrement brunâtre calcaro-dolomitique à très dolomitique passant à une dolomie argilo-siiteuse sulfure, tr. calcite.
tr. calcaire brunâtre dolomitique

INDICES ET ESSAIS/SHOWS AND TESTS

GAZ: Profondeur	H.W. Units	$\%C_1$	$\%C_2$	$\%C_3$
490	1,52	,52	,032	,002
495-500		DEFECTUEUX		
505-635	,44 à 3,70	,15 à ,81	,003 à ,046	0 à ,027

connection			
511	8,8	578	2,4
516	7,3	587	3,5
526	4,9	606	4,9
591	7,1	616	4,2
556	10,8	626	8,0
569	3,8		

REMARQUES/REMARKS

CALCIMETRIE: Profondeur	$\%CaCo_3$	$\%CaMg(CO_3)2$
460-495	69-83	6-15
500-540	30-58	12-36
545-615	6-18	16-39

DEVIATION: 588 - 3°

SOQUIP

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RAPPORT GEOLOGIQUE JOURNALIER

FORAGE SOQUIP BLANCHET NO. 1 DATE Le 25 juillet 1979

PROFONDEUR de 386 mètres JOUR DE FORAGE 20

à 493 (107 m) mètres GEOLOGUE Richard Théroux

LITHOLOGIE RESUMEE

380-390 m:	90-95%	calcaire dolomitique gris brunâtre parfois brun moyen (wackestone à packstone), sucrosique passant à une dolomie.
	0- 5%	calcaire beige friable.
	0- 5%	dolomie blanche à beige, très finement à finement cristalline.
	tr- 5%	calcaire.
390-395 m:	80%	calcaire dolomitique, idem
	10%	calcite
	5%	dolomie
	5%	calcaire friable.
395-405 m:	95-100%	calcaire dolomitique, idem
	5%	calcaire beige
		Trace calcite
405-415 m:	80-90%	calcaire dolomitique
	5%	calcaire beige, friable
	5-15%	calcaire
415-420 m:	100%	calcaire dolomitique gris. trace calcaire
425-435 m:	75-85%	calcaire dolomitique
	0-10%	shale calcareux noir
	0- 5%	dolomie beige
	0- 5%	calcaire beige
	5-15%	calcite
435-452 m:	70-80%	calcaire gris brunâtre peu dolomitique
	0- 5%	calcaire beige
		Trace shale
	5-25%	calcite blanche
		trace de bitume
450-465 m:	90-95%	calcaire gris brunâtre passant à une dolomie
	tr-10%	calcaire
	0- 5%	calcaire beige
	0- 5%	dolomie brune moyenne cristalline
465-475 m:	70-80%	calcaire dolomitique gris brunâtre
	5-25%	calcite
	tr- 5%	calcaire beige
	tr- 5%	dolomie beige

.../2

RAPPORT GEOLOGIQUE JOURNALIER
DAILY GEOLOCIGAL REPORT

DATE Le 25 juillet 1979

FORAGE/WELL SOQUIP BLANCHET NO 1

INDICES ET ESSAIS/SHOWS AND TESTS

GAZ:	Profondeur	%H.W. Units	$\%C_1$	$\%C_2$	$\%C_3$
	390-395	3,08 à 4,08	1,38 à 2,31	0 à ,11	0 à ,014
	400-410	2,32 à 2,56	0.90 à 1,27		
	415-465	1,20 à 2,16	,84 à 1,74	0 à ,09	0 à ,02
	470-480	1,04 à 1,60	,40 à ,61	,031 à ,038	tr à ,003
	485-490	1,52 à 3,40	,45 à ,52	,031	,002
CONNECTION:	411	15,20	2,58	?	?
	419	23,20	?		
	429	1,92	?		
	436	2,56	?		
	446	8,20	?		
	464	10,6	4	,09	,029
	474	4,8			

REMARQUES/REMARKS

CALCIMETRIE: Profondeur	$\%CaCo_3$	$\%CaMg(CO_3)2$
375-385	67-70	11-16
390-415	50-64	16-38
420	26	38
425	42	32
430	58	16
435-450	64-74	12-26
455	56	20

RELEVE DE DEVIATION

Profondeur	Déviation
464	$2\text{-}1/4^0$

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RAPPORT GEOLOGIQUE JOURNALIER

FORAGE SOQUIP BLANCHET NO. 1 DATE Le 24 juillet 1979

PROFONDEUR de 321 mètres JOUR DE FORAGE 19

à 386 m (65) mètres GEOLOGUE Richard Théroux

LITHOLOGIE RESUMEE

320-335 m:	80-90%	calcaire gris brunâtre moyen à foncé lorsque plus argileux, wackestone à packstone, aspect sucrosique, dolomitique et siliceux parfois silteux.
	5-10%	calcaire brun clair (beige) dolomitique et friable.
	tr- 5%	dolomie blanche à beige, finement cristalline.
	0-tr	shale noir
	tr-5%	calcite de fractures
335-340 m:	90-75%	calcaire gris brunâtre, idem
	15-20%	calcite
	5%	calcaire beige, friable
	5%	dolomie blanche
340-350 m:	85-95%	calcaire gris brunâtre, idem...
	tr- 5%	calcite
	tr.	calcaire beige
		légères traces de bitume (lamination)
350-355 m:	80%	calcaire gris brun
	15%	calcite
	tr- 5%	calcaire beige friable
	tr- 5%	shale noir
	tr.	dolomie
355-360 m:	95%	calcaire gris brunâtre (idem)
	tr- 5%	calcite , légère traces de bitume
360-370 m:	85-90%	calcaire gris brun
	5-15%	calcite
370-380 m:	95%	calcaire gris brun
	tr- 5%	calcite
	tr.	shale

.../2

RAPPORT GEOLOGIQUE JOURNALIER
DAILY GEOLOCIGAL REPORT

DATE Le 24 juillet 1979

FORAGE/WELL SOQUIP Blanchet No. 1

INDICES ET ESSAIS/SHOWS AND TESTS

GAZ: Profondeur	H.W. Units	$\%C_1$	$\%C_2$	$\%C_3$
320	,12	,028	,003	
325-335	,56 à ,96	,09 à ,19	,008 à ,026	0 à ,007
440	,29	,05		
445	2,08	,25		
350-360	,35 à ,50	,08 à ,10		
359 cg	4,30	1,35		
365	1,11	1,30		
370-375	4,80	2,95 à 4,65		
368 cg	10,30	6,25		
378 kick gas	9,50	5,96	1,92	
380	16,5	12,51	,98	
385	8,3	3,2	,18	

REMARQUES/REMARKS

CALCIMETRIE: Profondeur	$\%CaCo_3$	$\%CaMg(CO_3)2$
320	50	18
325	44	16
330	62	14
335	40	24
340	54	22
345	46	22
350	56	17
355	67	19
360	64	14
365	76	12
370	66	16

Drilling break: 375 - 380

RELEVE DE DEVIATION

Profondeur	Déviation
331	1.5^o
350	1.75^o
379	2.25^o

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RAPPORT GEOLOGIQUE JOURNALIER

FORAGE SOQUIP BLANCHET NO. 1 DATE Le 23 juillet 1979

PROFONDEUR de 295 mètres JOUR DE FORAGE 18

à 321 mètres GEOLOGUE Richard Théroux

LITHOLOGIE RESUMEE

295-320 m:
- 75-85% calc. gris brunâtre, dolomitique, légèrement sucrosique
- 5-10% calc. brun clair, légèrement silteux friable.
- tr-10% dolomie blanche, très finement à finement cristallin.
- tr. calcite
- 5-10% entre 295 et 305

INDICES ET ESSAIS/SHOWS AND TESTS

GAZ:

Profondeur	H.W. Units	$\%C_1$
295-310	1-4	,005

REMARQUES/REMARKS

CALCIMETRIE:

Profondeur	$\%CaCo_3$	$\%CaMg(CO_3)_2$
300-310	50-55	19-20

RELEVE DE DEVIATION

Profondeur	Déviation
310	1°

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RAPPORT GEOLOGIQUE JOURNALIER

FORAGE SOQUIP BLANCHET NO. 1 DATE Le 22 juillet 1979

PROFONDEUR de 295 mètres JOUR DE FORAGE 17

à 295 mètres GEOLOGUE Richard Théroux

LITHOLOGIE RESUMEE

Profondeur : 295 - 295: Forage à l'air, vidé le trou

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RAPPORT GEOLOGIQUE JOURNALIER

FORAGE SOQUIP BLANCHET NO. 1 DATE Le 21 juillet 1979

PROFONDEUR de 278 mètres JOUR DE FORAGE 16

à 295 mètres GEOLOGUE Richard Théroux

LITHOLOGIE RESUMEE

Wait on Cement

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RAPPORT GEOLOGIQUE JOURNALIER

FORAGE SOQUIP BLANCHET # 1 DATE Le 20 juillet 1979

PROFONDEUR de 278 mètres JOUR DE FORAGE 15

à 295 mètres GEOLOGUE

LITHOLOGIE RESUMEE

275 - 280 : 50% siltstone argileux gris moyen à foncé, arénacé, ciment calcaro-dolomitique.
25% calcite
10% calcaire gris moyen à foncé, brunâtre.
15% calcaire silteux gris blanchâtre, très friable

280 - 285 : 40% calcaire gris moyen à foncé, brunâtre.
30% calcite
20% siltstone gris...etc.
10% calcaire silteux.

285 - 290 : 55% siltstone très calcareux gris
20% calcaire silteux gris moyen à foncé brunâtre
15% calcite
10% calcaire silteux.

290 - 295 : 60% calcaire gris moyen à foncé brunâtre
30% calcaire gris pâle brunâtre
10% siltstone gris moyen à foncé
tr. - 5% calcite

INDICES ET ESSAIS/SHOWS AND TESTS

GAZ:	PROFONDEUR	H.W. Unités	$\%C_1$	$\%C_2$
	270 - 280	.38 à .46	.05 à .06	.003 à .013
	285 - 295	.04 à .16	.005 à .017	-

REMARQUES/REMARKS

CALCIMETRIE:	PROFONDEUR	$\%CaCo_3$	$\%CaMg(Co_3)2$
	275	62	12
	280	57	10
	285	72	10
	290	46	12
	295	64	18

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RAPPORT GEOLOGIQUE JOURNALIER

FORAGE SOQUIP BLANCHET #1 DATE Le 19 juillet 1979

PROFONDEUR de 212 mètres JOUR DE FORAGE 14

à 278 mètres GEOLOGUE

LITHOLOGIE RESUMEE

215 - 270 : 80 - 95% siltstone argileux gris moyen à foncé, arénacé, ciment calcaro-dolomitique.
Tr. - 5% grès gris moyen légèrement brunâtre à gravier très fin, passant à un siltstone grossier sub-arrondi à sub-anguleux, ciment calcaro-dolomitique.
Tr. - 5% calcaire blanc à brun pâle.
Tr. - 10% de calcite.

270 - 275 : 50% siltstone argileux gris moyen à foncé, arénacé, ciment calcaro-dolomitique.
50% calcite, miroir de failles, striée.

INDICES ET ESSAIS/SHOWS AND TESTS

GAZ :	PROFONDEUR	H.W. Units	$\%C_1$
	212 - 270	.05 à .20	.002 à .018

REMARQUES/REMARKS

CALCIMETRIE:	PROFONDEUR	$\%CaCo_3$	$\%CaMg(Co_3)2$
	212 - 275	10 -24	10 - 15

3340 de la Pérade
SAINTE-FOY, Qué.
G1X 2L7

RAPPORT GEOLOGIQUE JOURNALIER

FORAGE SOQUIP BLANCHET # 1 DATE Le 18 juillet 1979

PROFONDEUR de 147 mètres JOUR DE FORAGE 13

à 212 mètres GEOLOGUE Corelab

LITHOLOGIE RESUMEE

147 - 165 : 100% calcaire,etc.

165 - 175 : 100% siltstone gris foncé, en partie gris brunâtre, pyriteux; très légèrement calcaro-dolomitique.

175 - 180 : 60% shale gris foncé, légèrement calcareux
40% siltstone, " "

180 - 185 : 20% calcaire, ...
80% siltstone gris foncé, ...

185 - 210 : 100% siltstone, ...

INDICES ET ESSAIS/SHOWS AND TESTS

GAZ:

PROFONDEUR	H.W. Unités	$\%C_1$	$\%C_2$
160 - 180	9 - 10	tr.	-
185	-	.001	-
190 - 210	5 - 7	nil	-

SOQUIP
3340 de la Pérade
SAINTE-FOY, Qué.
G1X 2L7

RAPPORT GEOLOGIQUE JOURNALIER

FORAGE SOQUIP BLANCHET # 1 DATE Le 17 juillet 1979

PROFONDEUR de 105 mètres JOUR DE FORAGE 12

à 147 mètres GEOLOGUE Corelab

LITHOLOGIE RESUMEE

105 - 147 : 100% calcaire siliceux gris brunâtre moyen à foncé, fin, trace de spicule.

INDICES ET ESSAIS/SHOWS AND TESTS

GAZ :	PROFONDEUR	H.W. Units	$\%C_1$	$\%C_2$
		8 à 16	nil	nil

REMARQUES/REMARKS

CALCIMETRIE:

PROFONDEUR	$\%CaCo_3$	$\%CaMg(CO_3)2$
110	66	2
115	70	2
120	64	2
125	64	2
130	68	4
135	67	4
140	52	10

SOQUIP

3340 de la Pérade
SAINTE-FOY, Qué.
G1X 2L7

RAPPORT GEOLOGIQUE JOURNALIER

FORAGE SOQUIP Blanchet # 1 DATE du 12 juillet au 16 juillet incl.

PROFONDEUR de 105 mètres JOUR DE FORAGE du 7 au 11ième jour incl.

à 105 mètres GEOLOGUE

LITHOLOGIE RESUMEE pas d'avancement (foreuse en attente)

3340 de la Pérade
SAINTE-FOY, Qué.
G1X 2L7

RAPPORT GEOLOGIQUE JOURNALIER

FORAGE SOQUIP BLANCHET # 1 DATE Le 11 juillet 1979

PROFONDEUR de 90 mètres JOUR DE FORAGE 6

à 105 mètres GEOLOGUE

LITHOLOGIE RESUMEE

90 - 100 : 80% calcaire siliceux gris brunâtre moyen à foncé, fin, trace de spicule.
20% calcaire gris brunâtre clair un peu argileux et siliceux, d'aspect sucrosique, semble parfois silteux, fin à moyen, trace dol. fine, tr. calc. blanche

100 - 105 : 95% calcaire sil.
5% calc. gris brun clair.

INDICES ET ESSAIS/SHOWS AND TESTS

GAZ :

Unité non installée.

REMARQUES/REMARKS

CALCIMETRIE:

PROFONDEUR	$\%CaCo_3$	$\%CaMg(CO_3)2$
85	50	9
90	50	10
95	56	8
100	56	7
105	53	7

SOQUIP
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RAPPORT GEOLOGIQUE JOURNALIER

FORAGE SOQUIP BLANCHET # 1 DATE Le 10 juillet 1979

PROFONDEUR de 47 mètres JOUR DE FORAGE 5

à 90 mètres GEOLOGUE

LITHOLOGIE RESUMEE

49 - 55 : 60% calcaire gris brunâtre moyen à foncé, siliceux, traces matières organiques, pyrite.
40% calcaire gris brunâtre pâle, argileux, trace shale gris foncé à noir, calcareux.

55 - 90 : 80 - 95% calcaire gris brunâtre moyen à foncé, siliceux
20 - 5% calcaire gris brunâtre pâle.

INDICES ET ESSAIS/SHOWS AND TESTS

GAZ :

Unité ne fonctionne pas.

REMARQUES/REMARKS

CALCIMETRIE:

PROFONDEUR	%$CaCo_3$	%$CaMg(CO_3)2$
45	40	11
50	58	9
55	54	12
60	42	12
65	52	10
70	56	8
75	50	10
80	54	7
85	50	9

SOQUIP
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RAPPORT GEOLOGIQUE JOURNALIER

FORAGE SOQUIP BLANCHET # 1 DATE Le 9 juillet 1979

PROFONDEUR de 25 mètres JOUR DE FORAGE 4

à 47 mètres GEOLOGUE

LITHOLOGIE RESUMEE

25 - 47 : 100% calcaire gris brun moyen à foncé, siliceux, argileux, très légèrement silteux, tr. calcite blanche, cristalline.

INDICES ET ESSAIS/SHOWS AND TESTS

GAZ :

Uniter ne fonctionne pas.

REMARQUES/REMARKS

CALCIMETRIE:

PROFONDEUR	$\%CaCo_3$	$\%CaMg(CO_3)2$
35	36	32
40	44	18
45	40	18

3340 de la Pérade
SAINTE-FOY, Qué.
G1X 2L7

RAPPORT GEOLOGIQUE JOURNALIER

FORAGE SOQUIP BLANCHET # 1 DATE Le 8 juillet 1979

PROFONDEUR de 15 mètres JOUR DE FORAGE 3

à 25 mètres GEOLOGUE

LITHOLOGIE RESUMEE

Pas d'échantillon

SOQUIP
3340 de la Pérade
SAINTE-FOY, Qué.
G1X 2L7

RAPPORT GEOLOGIQUE JOURNALIER

FORAGE SOQUIP BLANCHET # 1 DATE Le 7 juillet 1979

PP .FONDEUR de 15 mètres JOUR DE FORAGE 2

à 15 mètres GEOLOGUE

LITHOLOGIE RESUMEE

Pas d'avancement

SOQUIP
3340 de la Pérade
SAINTE-FOY, Qué.
G1X 2L7

RAPPORT GEOLOGIQUE JOURNALIER

FORAGE SOQUIP BLANCHET # 1 DATE Le 6 juillet 1979

PROFONDEUR de 2 mètres JOUR DE FORAGE 1

à 15 mètres GEOLOGUE

LITHOLOGIE RESUMEE

2 - 15 : Calcaire, gris brun moyen à foncé, siliceux à très siliceux.

SOQUIP
3340 de la Pérade
SAINTE-FOY, Qué.
G1X 2L7

RAPPORT GEOLOGIQUE JOURNALIER

FORAGE SOQUIP BLANCHET # 1 DATE Le 5 juillet 1979

PROFONDEUR de 0 mètres JOUR DE FORAGE 0

à 2 mètres GEOLOGUE

LITHOLOGIE RESUMEE

Pas d'information

V- APPENDICES

2) Description lithologique types ou de références

LITHOLOGIES DE REFERENCES
SOQUIP ET AL. BLANCHET NO 1

1- Calcite blanche de fractures.

2- Calcaire gris moyen à foncé brunâtre, wackestone à packstone, parfois silteux, trace à présence de spicules d'éponge calcitique, légèrement siliceux.

3- Calcaire gris clair brunâtre (beige), généralement friable et parfois silteux.

4- Shale gris foncé à noir, calcareux ou non calcareux, parfois silteux.

5- Siltstone gris clair brunâtre (beige) calcaro-dolomitique et friable.

6- Grès gris moyen légèrement brunâtre, parfois verdâtre à grains très fins passant à un siltstone grossier, sub-arrondis, parfois sub-anguleux, moyennement triés, ciment calcaro-dolomitique ou matrice légèrement argileuse.

7- Siltstone gris moyen à foncé, grains fins, parfois arénacé, calcaro-dolomitique pouvant passer à la limite à un calcaire silteux.

8- Dolomie blanche à beige, très finement à finement cristalline, parfois micro-cristalline parfois légèrement calcareuse.

9- Siltstone gris foncé à noir légèrement brunâtre lorsque plus dolomitique pouvant passer à la limite à une dolomie silteuse.

10- Grès gris moyen à clair brunâtre, à grains très fins, sub-arrondis, ciment très calcaro-dolomitique et grès glauconitique.

11- Calcaire gris moyen brunâtre, parfois légèrement bleuté, arénacé, très siliceux (cherteux) passant à une porcellanite calcareuse.

12- Calcaire argileux gris moyen à foncé brunâtre, silteux, légèrement dolomitique, siliceux passant à la limite à un siltstone.

13- Schiste vert clair - moyen, à chlorite et épidote, très minéralisé et friable.

14- Schiste vert foncé à chlorite et parfois à épidote disséminé.

15- Siltstone brun rougeâtre, homogène, à grains fins à très fins, légèrement calcareux et laminé.

16- Siltstone vert clair à moyen, quartzitique à épidote.

V- APPENDICES

3) Description détaillée des retailles

PROFONDEUR	CALCIMÉTRIE / DOLOMÉTRIE — 1ère LECTURE / 2ème LECTURE	LITHOLOGIE TYPE POURCENTAGE ET NUMÉROS 1	2	3	4						REMARQUES (Indices, fluorescence, microfossile, etc...)
5											Pas de Mort-Terrain
10											
15											Calcaire siliceux, brun grisâtre moyen à foncé, quelques fois avec spicules, fin.
20											Vibrateur pas en fonction car la viscosité est trop élevée.
25											
30											
35	36 / 32	tr	90	10							
40	44 / 18	tr	80	20							
45	40 / 11	tr	60	40							
50	58 / 9	tr	60	40	tr		fin-moyen, aspect sucrosique, silteux?50% calc. gris brun foncé, fin argileux (2) (3)				Tr. sulfures, tr. m.o., tr. spicules 40% calcaire gris brunâtre, moyen,
55	54 / 12	tr	70	30	tr						
60	42 / 12	tr	90	10							
65	52 / 10	tr	90	10	tr						Traces miroirs de failles, traces matière organique.
70	56 / 8	tr	80	20			dans calcite, entre les cules Traces sulfures				Traces miroirs de failles, tr. porosité cristaux arrondis??Tr. à présence de spi- traces matière organique.

Nom du puits SOQUIP BLANCHET #1 — Géologue Claude Danis — Date 9-07-79 — Page 1

PROFONDEUR	CALCIMÉTRIE / DOLOMÉTRIE — 1ère LECTURE / 2ième LECTURE	LITHOLOGIE TYPE POURCENTAGE ET NUMÉROS 1	2	3	4	5						REMARQUES (Indices, fluorescence, microfossile, etc...)
75	50 / 10	tr	85	15								
80	54 / 7	tr	80	20	tr							Traces matière organique. Traces dolomie très fine, bleue?
85	50 / 9	tr	95	5								
90	50 / 10	tr	80	20	tr	tr						
95	56 / 8		80	20		tr						Traces miroirs de failles
100	56 / 7	tr	85	15								
105	53 / 7	tr	95	5		tr?						
110	62 / 2	tr+	90	10			brunâtre, silteux. Traces fossiles brachiopodes. Traces de sulfure.					Traces dolomie. Tr de calcaire blanc
115	70 / 2	tr/5+	95	5								Frag. quartz amorphe.
120	46 / 2	tr+	90	5								Traces quartz amorphe, sub-arrondi. 5% grès et glauconie.
125	64 / 2	5	90	tr/5			dâtre. grains fins, type arkose, sub-anguleux à sub-arrondis, bien triés.					Tr/5 grès , gris plus ou moins ver-
130	68 / 4	tr	95	5								Présence aux 2-2 mm de cristal de quartz (géode) avec bitumes.
135	67 / 4	tr-	95	5								Traces calcaire blanc, silteux, légèrement dolomitique, aspect sucrosique.
140	62 / 2	tr+	95	5								

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Page

Date

Géologue Claude Denis

Nom du puits Blanchet #1

PROFONDEUR	CALCIMÉTRIE / DOLOMÉTRIE — 1re LECTURE / 2ème LECTURE	LITHOLOGIE TYPE — POURCENTAGE ET NUMÉROS 1	2	3	4	5	6	7				REMARQUES (Indices, fluorescence, microfossile, etc...)
145	57 / 3	tr+	95	5								Traces porcellanite Traces sulfure
150	44 / 7	tr-	95	5								
155	70 / 5	5+	95	tr	tr							Traces surfaces striées
160	54 / 6	5+	85/90	5/10								Veinules de calcite. Niveau à calcaire silteux. Traces bitume, fragments fossiles. Niveau très pyriteux.
165	8 / 12	tr	5/10	tr-			90		Litho 6: grès, gris moyen, légèrement brun, grains très fins et silts grossier, sub-ang-sub-arrondis, trié moyen. Ciment calcaro-dolomitique. Traces glauconie.			
170	10 / 13	tr-		tr			5/10	90				
175	6 / 17	tr-		5/10			5/10	80/90				
180	26 / 9	tr-	20/30	5			tr	65/75				Litho 2: wackestone - packestone silteux.
185	12 / 19	tr-	10				5	85				Litho 7: siltstone argileux, gris moyen à foncé, parfois arénacé, calcaro-dolomitique.
190	10 / 14			5			tr	95				
195	9 / 17			10			10/15	75/80				
200	10 / 12			15			5	80				
205	9 / 15			5			tr	95				
210	10 / 16			5				95				

Nom du puits Blanchet #1 — Géologue Richard Théroux — Date ____ — Page -3-

PROFONDEUR	CALCIMÉTRIE / DOLOMÉTRIE — 1ère LECTURE / 2ième LECTURE	LITHOLOGIE TYPE POURCENTAGE ET NUMÉROS 1	2	3	4	5	6	7				REMARQUES (Indices, fluorescence, microfossile, etc...)
215	11 / 15		5	0			tr	95				
220	25 / 14	5/10	10	tr				80 85				Traces glauconie.
225	20 / 10	5	5	5				85				
230	14 / 12	5	tr	5				90				
235	24 / 9	5		5			tr	90				
240	16 / 14	tr		tr			5	95				Traces grès quartzitique blanc, arrondi, bien trié, calcareux.
245	24 / 11	5		tr			tr	95				
250	22 / 14	5		tr			tr	95				
255	20 / 14	5/10	tr	tr			tr	95				Traces miroirs de failles.
260	24 / 12	10		tr				90				Traces miroirs de failles, veinules de calcite.
265	18 / 10	5/10						90 95				
270	16 / 11	20						80				Niveau bréchique de calcite et siltstone.
275	62 / 12	50						50				Miroirs, stries.
280	57 / 10	25	10	15				50				

Nom du puits Blanchet #1 — Géologue Richard Théroux — Date — Page -4-

SOQUIP

PROFONDEUR	CALCIMÉTRIE / DOLOMÉTRIE — 1ère LECTURE / 2ième LECTURE	LITHOLOGIE TYPE POURCENTAGE ET NUMÉROS 1	2	3	4	5	6	7	8			REMARQUES (Indices, fluorescence, microfossile, etc...)
285	72 / 10	30	40	10				20				
290	46 / 12	15	20	10			tr	55				
295	64 / 18	tr/5	60	30				10	tr/5			
300	56 / 20	5/10	75	10	tr			5	5			
305	56 / 20	5/10	75	10					5			
310	50 / 19	tr	80	15	tr				5			Calcaire dolomitique, gris brunâtre, sucrosique.
315	40 / 18	tr	85	5					10			
320	50 / 18	tr	80/85	10	tr				5/10			
325	44 / 16	tr/5	90	5	tr				5			Calcaire sucrosique, parfois arénacé, siliceux.
330	62 / 14	tr	90	10	tr				tr			
335	40 / 24	tr/5	90	5					5			Calcaire gris foncé brunâtre, calcaro-dolomitique passant à une dolomie.
340	54 / 22	15/20	70/75	5	tr				5			
345	46 / 22	5	85/90	tr	tr				5/10			Traces bitume (laminatic
350	56 / 17	tr/5	95	tr					5			Traces sulfure.

Nom du puits Blanchet #1 — Géologue Richard Théroux — Date — Page -5-

SOQUIP

PROFONDEUR	CALCIMÉTRIE / DOLOMÉTRIE — 1ère LECTURE / 2ème LECTURE	LITHOLOGIE TYPE POURCENTAGE ET NUMÉROS 1	2	3	4	5	6	7	8			REMARQUES (Indices, fluorescence, microfossile, etc...)
355	67 / 9	15	80	tr/5	tr/5				tr			
360	64 / 14	tr/5	95	tr	tr							Légères traces de bitume (laminée)
365	76 / 12	10/15	85/90		tr							Légères traces de bitume.
370	66 / 16	5/10	90	tr					tr			
375	67 / 16	5	95	tr								
380	70 / 11	5/tr	95	tr	tr/5							
385	68 / 12	5	95		tr							
390	50 / 38	tr	90	5	tr				5			
395	50 / 24	10	80	5					5			
400	52 / 22	tr	95	5								
405	62 / 18	tr	95	5	tr							
410	52 / 18	15	80	5	tr				?			
415	64 / 16	5/10	85/90	5	5							
420	26 / 38	tr	90	tr					10			

Nom du puits: Blanchet #1 — Géologue: Richard Théroux — Date: — Page: -6-

MER 1070 Reduction 25%

PROFONDEUR	CALCIMÉTRIE / DOLOMÉTRIE — 1ère LECTURE / 2ième LECTURE	LITHOLOGIE TYPE POURCENTAGE ET NUMÉROS 1	2	3	4	5	6	7	8			REMARQUES (Indices, fluorescence, microfossile, etc...)
425	42 / 32	5/10	85		5/tr							Calcaire passant à une dolomie.
430	58 / 16	15	75	5	tr				5			
435	68 / 17	10	75	tr	10				tr/5			Shale calcareux et calcaire parfois très argileux.
440	74 / 26	25	*dolo. 70		5				tr			Calcite blanche et jaune. Traces légères de bitume avec calcite.
445	72 / 12	25	70	*silteux 5	tr							
450	64 / 16	15/20	75/80	5	tr							
455	56 / 20	5/10	90		tr				?			Traces bitume
460	83 / 15	tr	95	tr/5								
465	80 / 14	tr	95	tr					5			Dolomie brune, moyennement cristalline.
470	69 / 12	25	70	5					tr			
475	79 / 15	15	80	tr					5			
480	75 / 9	tr	100	tr								
485	75 / 9	tr	100	tr	tr							
490	74 / 6	tr	95	5					tr			

Nom du puits Blanchet #1 — Géologue R. Théroux — Date — Page 7

PROFONDEUR	CALCIMÉTRIE / DOLOMÉTRIE 1ère LECTURE / 2ème LECTURE	LITHOLOGIE TYPE POURCENTAGE ET NUMÉROS 1	2	3	4	5	6	7	8	9		REMARQUES (Indices, fluorescence, microfossile, etc...)
495	74 / 6	tr	95	5	tr							
500	54 / 16	tr	100	tr								
505	54 / 16	tr	100									
510	54 / 14	tr	100	tr								
515	50 / 14	tr	100	tr								Fragments coquilles et fossiles divers. Le calcaire devient plus grossier, plus silteux et argileux.
520	58 / 16	tr/5	100									Traces sulfure, brachiopode et trilobite.
525	48 / 12	5	95	tr								Traces porosité (bulles)
530	54 / 34	5	95									Crinoïde, brachiopode. Calcaire dolomitique. Présence sulfures.
535	44 / 36	tr/5	95									Calcaire dolomitique passant à une dolomie IDEM. Niveau plus brunâtre, coraux. Calcaire sucrosique, présence de sulfures.
540	30 / 36	tr/5	95		tr							
545	18 / 28	tr	100									Dolomie calcareuse-calcaire dolomitique gris moyen brunâtre, silto-argileuse.
550	12 / 39	tr	tr							100		Dolomie calcareuse, gris moyen-foncé, brunâtre, argileuse et silteuse, Fossiles.
555	12 / 39	tr	tr							100		Dolomie IDEM, gris foncé brunâtre ayant l'apparence d'un siltstone passant à un siltstone dolomitique.
560	16 / 22	tr								100		

Nom du puit Blanchet #1 — Géologue R. Thériault — Date — Page 8

PROFONDEUR	CALCIMÉTRIE / DOLOMÉTRIE — 1ère LECTURE / 2ème LECTURE	LITHOLOGIE TYPE — POURCENTAGE ET NUMÉROS										REMARQUES (Indices, fluorescence, microfossile, etc...)
		1	2	3	4	5	6	7	8	9		
565	14 / 18	tr	tr							100		Siltstone gris foncé brunâtre argilo-silteux
570	18 / 28	tr	tr							100		
575	6 / 30	tr								100		
580	14 / 20	tr								100		
585	10 / 28									100		
590	22 / 22	tr								100		
595	12 / 24									100		
600	0 / 37									100		
605	20? / 20		tr							100		
610	18? / 18	tr								100		
615	14 / 16	tr								100		
620	16 / 20									100		Siltstone gris foncé nois calcaro-dolomitique. Abondance de sulfures.
625	14 / 20	tr								100		
630	14 / 20									100		

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Page

Date

Géologue R. Théroux

Nom du puits Blanchet #1

PROFONDEUR	CALCIMÉTRIE / DOLOMÉTRIE (1ère LECTURE / 2ième LECTURE)	LITHOLOGIE TYPE POURCENTAGE ET NUMÉROS 1	2	3	7	8	9					REMARQUES (Indices, fluorescence, microfossile, etc...)
635	14 / 28	tr					100					Présence de sulfures.
640	14 / 28						100					Traces de quartz
645	10 / 22						100					
650	10 / 22	tr					100					
655	16 / 30						100					Traces grès feldspathique, grains moyens à fins, argileux.
660	12 / 36						100					Passe à une dolomie gris foncé brunâtre.
665	20 / 24	tr					100					Siltstone calcaro-dolomitique passant à la limite à un carbonate silteux.
670	16 / 28						100					Traces bitume.
675	16 / 13	tr				5	95					5% dolomie gris clair brunâtre, moyennement cristalline, friable.
680	14 / 14	tr			tr	5	95					
685	21 / 6	tr/5			100							Siltstone gris foncé, laminé et traces de bitume et sulfures.
690	22 / 16	tr	tr		90	5						
695	37 / 7	tr/5	90									5% calcarénite blanc brun
700	24 / 14	5			90							Traces calcarénite. Calcite surface striée.

Nom du puits Blanchet #1 — Géologue Richard Théroux — Date — Page -10-

PROFONDEUR	CALCIMÉTRIE / DOLOMÉTRIE — 1re LECTURE / 2ème LECTURE	LITHOLOGIE TYPE POURCENTAGE ET NUMÉROS 1	2	3	7	8	9					REMARQUES (Indices, fluorescence, microfossile, etc...)
705	26 / 12	tr/5			95							
710	16 / 18	tr					100					
715	26 / 16	tr			95	5						
720	14 / 16	tr				10	90					Traces siltstone gris moyen à foncé, légèrement brunâtre, IDEM.
725	14 / 18					10	90					Litho 8: dolomie beige, silteuse, friable.
730	12 / 16	tr				5	95					
735	40 / 16	tr	90	10/5		5						Calcaire gris moyen brunâtre à brun moyen, silteux, wackestone-packestone
740	18 / 24	tr	5	tr		5	90					Niveau arénacé
745	24 / 22	5	10			10	75					
750	21 / 26	tr	10			5	85					
755	18 / 20		5			5	90					
760	11 / 22	tr	tr			10	90					
765	30 / 30	10	tr		80	10						
770	12 / 20	tr					90					

Nom du puits: Blanchet #1 — Géologue: Richard Thériault — Date: — Page:

PROFONDEUR	CALCIMÉTRIE / DOLOMÉTRIE — 1ère LECTURE / 2ème LECTURE	LITHOLOGIE TYPE POURCENTAGE ET NUMÉROS 1	2	3	4	7	8	9	10	11	REMARQUES (Indices, fluorescence, microfossile, etc...)
775	24 / 16	5					5		90		Traces de glauconie.
780	24 / 15	tr					5		95		
785	28 / 18	tr/5	45				5		50		Traces de glauconie. Traces bitume.
790	28 / 18	tr/5	40				tr/5		55		Lithologie 2: calcaire gris moyen brunâtre à brun moyen, wackestone-packestone.
795	16 / 16	tr	5				5	70	20		Traces de glauconie.
800	22 / 12	tr/5					5		95		Niveaux très siliceux de grès et de calcaire siliceux.
805	26 / 12	tr	tr/5		tr		tr		95		Traces de bitume. IDEM 800
810	16 / 24	tr						95	5		
815	22 / 18	5	tr					95	tr		
820	36 / 12	5						10	10	75	Niveaux siliceux. Traces glauconie.
825	26 / 20	5					5	50	40	tr?	
830	35 / 38	5	85					10			
835	20 / 34	tr	90					10			
840	6 / 42	tr					100				

Nom du puits Blanchet #1 — Géologue Richard Théroux — Date — Page -12-

SOQUIP

PROFONDEUR	CALCIMÉTRIE / DOLOMÉTRIE — 1ère LECTURE / 2ème LECTURE	LITHOLOGIE TYPE POURCENTAGE ET NUMÉROS 1	2	4	5	7	8	9	10	11		REMARQUES (Indices, fluorescence, microfossile, etc...)
845	4 / 28	tr						100				
850	12 / 38	tr	tr					100		tr		Traces grès avec glauconie
855	16 / 20	tr			10			90		tr		Lithologie 5: siltstone beige calcareux et dolomitique.
860	16 / 20	tr			5			95				Traces calcarénite.
865	14 / 26	tr	tr	tr	5			95				
870	8 / 25	tr			5			95				
875	10 / 30	tr			5/10			95				
880	10 / 30	tr			10			90				
885	10 / 26				5			95				
890	8 / 26	tr			5			90				
895	6 / 26				5			90				
900	16 / 18	tr		tr.	10		tr	90				
905	6 / 38	tr			5			95				
910	2 / 34	tr			5/10			95				

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Page

Date

R. Théroux

Géologue

Blanchet #1

Nom du puits

SOQUIP

PROFONDEUR	CALCIMÉTRIE / DOLOMÉTRIE — 1ère LECTURE / 2ème LECTURE	LITHOLOGIE TYPE POURCENTAGE ET NUMÉROS 1	2	3	4	5	8	9	10	11	12	REMARQUES (Indices, fluorescence, microfossile, etc...)
915	4 / 34	tr				5		95				
920	4 / 32	tr				10		90				
925	6 / 40	tr				5		95				
930	10 / 38	tr				10		90				
935	18 / 32	tr	tr/5			20		75/80				Traces surfaces stries Echantillon du trip
940	18 / 32	tr	tr			15	5	80				Traces cristal quartz
945	46 / 12	10	5		tr/5		5			10	70	Zone failiée? niveau silteux, shale lustré, calcaire à spicules.
950	44 / 11	5/10	10		tr		tr			5/10	75	
955	46 / 10	25	25	5	tr						45	
960	60 / 10	5	15	tr	tr						80	
965	42 / 12	tr	5	10							85	
970	44 / 12	tr	15	15	tr						70	Lithologie 12: calcaire argileux gris foncé à moyen brunâtre, silteux, siliceux passant à un siltstone, li-
975	46 / 12	tr	20	15	tr						65	thologie 7. Brachiopode niveau plus siliceux.
980	/	tr	30									

Nom du puits Blanchet #1 — Géologue R. Thériault — Date — Page 14

PROFONDEUR	CALCIMÉTRIE / DOLOMÉTRIE — 1ère LECTURE / 2ième LECTURE	LITHOLOGIE TYPE POURCENTAGE ET NUMÉROS										REMARQUES (Indices, fluorescence, microfossile, etc...)
		1	2	3	4	7	8	9	10	11	12	
985	58 / 16		10	15							75	
990	50 / 24	tr	70	20						tr	10	Traces de sulfure.
995	58 / 20	5	85	10								Traces sulfures
1000	32 / 14	tr	10	5						tr	85	
1005	28 / 16	tr	10	5	tr					tr	85	
1010	33 / 17	tr	15	15							70	
1015	32 / 17	tr	10	10							80	Miroirs de failles, traces bitume.
1020	44 / 15	tr	10	10							80	
1025	30 / 16	tr	5	15							80	
1030	34 / 14	tr	5	5							90	
1035	32 / 12	tr	5	10							85	
1040	36 / 16	tr	tr	5/10							80/90	Surface polie et striée (miroirs)
1045	34 / 24	tr	5	15							80	
1050	50 / 30	tr	10	10								

Nom du puits: Blanchet #1 — Géologue: R. Théroux — Date: — Page: -15-

PROFONDEUR	CALCIMÉTRIE / DOLOMÉTRIE — 1ère LECTURE / 2ième LECTURE	LITHOLOGIE TYPE POURCENTAGE ET NUMÉROS										REMARQUES (Indices, fluorescence, microfossile, etc...)
		1	2	3	4	5	7	8	9	11	12	
1055	42 / 30	tr	tr/5	15				tr/5			80	
1060	20 / 30	tr/5	tr	5							90	
1065	18 / 16	tr/5				5	90					
1070	12 / 22	tr				5			95			
1075	16 / 24	tr/5				5			95			
1080	16 / 12	tr				5	95					
1085	14 / 16	tr			tr	5	95					
1090	14 / 28	tr				5			95			
1095	10 / 34	tr/5				5			95			Traces de sulfure.
1100	10 / 42	tr				5			95			Niveau siltstone gris moyen, très dolomitique passant à dolomie argilo-silteuse, micro-cristalline.
1105	4 / 42	tr				5			95			
1110	10 / 32	tr				5			95			
1115	12 / 28	tr				10			90			
1120	8 / 30	tr				tr/5			95			

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Page

Date

R. Théroux

Géologue

Blanchet #1

Nom du puits

SOQUIP

PROFONDEUR	CALCIMÉTRIE / DOLOMÉTRIE — 1ère LECTURE / 2ème LECTURE	LITHOLOGIE TYPE POURCENTAGE ET NUMÉROS										REMARQUES (Indices, fluorescence, microfossile, etc...)
		1	2	3	5	9	10	13	15			
1125	12 / 32	tr	tr		5	95						
1130	6 / 24	tr			5	95						
1135	12 / 28	tr			5	95						
1140	10 / 34				5/10	90/95						
1145	8 / 32				5	95						
1150	28 / 38	tr/5	5		5	90						
1155	14 / 32	tr			5/10	90/95						
1160	10 / 26	tr			5	95						
1165	10 / 34	tr			5/10	90/95						
1170	14 / 24	tr/5			5	90/95						
1175	16 / 24	tr			tr	100						
1180	16 / 16	tr			5	95						
1185	20 / 18	tr			5	95						Schiste vert pâle à moyen, friable et altéré avec présence de quartz.
1190	20 / 6							50	50			Lithologie 15: siltstone brun moyen, homogène, calcareux

Nom du puits Blanchet #1 — Géologue R. Théroux — Date — Page 12

SOQUIP

LITHOLOGIE TYPE
POURCENTAGE ET NUMÉROS

PROFONDEUR	CALCIMÉTRIE / DOLOMÉTRIE — 1ère LECTURE / 2ème LECTURE	1	5	7	9	13	14	15	16			REMARQUES (Indices, fluorescence, microfossile, etc...)
1195	8 / 0	tr/5	10		tr	85						Très riche en sulfures. Traces de bitume.
1200	12 / 6											
1205	14 / 4						85	15				
1210	2 / 6						90	tr	10			Traces légères de bitume. Traces à présence de sulfures.
1215	2 / 4	tr					80		20			
1220	0 / 2	tr					100		tr			
1225	0 / 0						100		tr			
1230	2 / 0						100					
1235	0 / 2						100	tr				
1240	0 / 3	tr					100	tr				
1245	0 / 4	tr					100					Quartz associé avec schiste à chlorite.
1250	0 / 4						100	tr				Parfois bitumes associées avec la minéralisation.
1255	0 / 6						100					
1260	0 / 2						100					

Nom du puits Blanchet #1 — Géologue R. Théroux — Date — Page -18-

SOQUIP

PROFONDEUR	CALCIMÉTRIE / DOLOMÉTRIE — 1ère LECTURE / 2ième LECTURE	LITHOLOGIE TYP — POURCENTAGE ET NUMÉROS 1	14	15	16							REMARQUES (Indices, fluorescence, microfossile, etc...)
1265	0 / 4		100		tr							Traces de sulfure. Présence de grains de quartz
1270	0 / 2	tr	100		tr							
1275	0 / 1		95		5							
1280	0 / 0		100									
1285	0 / 0	tr	95		5							
1290	0 / 0		100		tr							Traces sulfure, quartzite verte. Traces légères de bitume.
1295	0 / 0		100	tr	tr							IDEM
1300	0 / 0		100	tr	tr							
1305	0 / 0	tr	95	tr	5							Traces de quartz. Traces de sulfure
1310	0 / 0		100	tr	tr							IDEM BO 5
1315	0 / 0		95		5							
1320	0 / 0		100									
1325	0 / 0		100									
1330	0 / 0		100									

PROFONDEUR TOTALE: 1332 METRES K.B.

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Page

Date

Géologue R. Théroux

Nom du puits Blanchet #1

SOQUIP

V- APPENDICES

4) Description des carottes

Aucune carotte n'a été prise.

V- APPENDICES

5) Rapports journaliers de forage

SOQUIP

RAPPORT JOURNALIER DE FORAGE

PUITS : SOQUIP BLANCHET #1

DATE : 1979-08-11 FOREUSE No. 6

Y. Tessier

JOUR DE FORAGE : 37

PROFONDEUR m : 1332

PROFONDEUR HIER m : 1332

AVANCEMENT m :

FORMATION :

ACTIVITÉ COURANTE : Foreuse libérée à 18:00 hre, le 10 août 1979.

COFFRAGE :

Trépan No.			
Grandeur mm			
Marque			
Modèle			
Série			
Gicleurs mm			
Poids daN			
RPM			
Sortie m			
Entrée m			
Avancement m			
Heures			
Taux m/h			
Condition			

RELEVÉS DE DÉVIATION

DEGRÉ	PROFONDEUR m

PROPRIÉTES DE LA BOUE

TYPE : VISCOSITÉ s/ℓ : pH : PE/VP :

DENSITÉ kg/m^3 : VISC. PLASTIQUE mPa·s : GEL Pa : /

GRADIENT kPa/m : POINT D'ÉCOUL. Pa : POLYMER kg/m^3 :

VITESSE ANNULAIRE m/min : PERTE D'EAU cm^3 : K$^+$ ppm :

VOLUME CIRCULÉ m^3 : TEMPS DE CIRCULATION min (fond-surf.) : TOTAL :

MATERIEL UTILISÉ

Description	Aujourd'hui	Cumul.	En dépôt
GEL			
KCL			
NaOH			
SS-100			
FLR-100 E			
BARITE			

DONNEES HYDRAULIQUES

POMPE No.

DIM. mm

CPM

DÉBIT ℓ/min

PRESSION kPa

POUVOIR HYDR. /

COÛT JOUR $ 9 191

COÛT CUMUL. $ 581 386

CHRONOLOGIE

FORAGE h

ALÉSAGE h

VOYAGE h

RELEVES h

CIRCULATION h

ENTRETIEN h 6

REPÊCHAGE h

DIAGRAPHIES h

TESTS h

COFFRAGE, CIMENT h 4

ACTIVITES PRÉCÉDENTES

Démentèlement de la foreuse, coupé le coffrage et mis 34 sacs de ciment dans le coffrage. Soudé une plaque d'acier sur le coffrage et libéré la foreuse à 18:00 hres le 10 août 1979.

SOQUIP

RAPPORT JOURNALIER DE FORAGE

PUITS : SOQUIP BLANCHET #1

DATE : 1979-08-10 FOREUSE No. 6

Y. Tessier

JOUR DE FORAGE : 36

PROFONDEUR m : 1332

PROFONDEUR HIER m : 1332

AVANCEMENT m : -

FORMATION : -

ACTIVITÉ COURANTE : Démentèlement de la foreuse

COFFRAGE : -

Trépan No.			
Grandeur mm			
Marque			
Modèle			
Série			
Gicleurs mm			
Poids daN			
RPM			
Sortie m			
Entrée m			
Avancement m			
Heures			
Taux m/h			
Condition			

RELEVÉS DE DÉVIATION

DEGRÉ	PROFONDEUR m

PROPRIÉTES DE LA BOUE

TYPE : _____ VISCOSITÉ s/ℓ : _____ pH : _____ PE/VP : _____

DENSITÉ kg/m³ : _____ VISC. PLASTIQUE mPa·s : _____ GEL Pa : _____/_____

GRADIENT kPa/m : _____ POINT D'ÉCOUL. Pa : _____ POLYMER kg/m³ : _____

VITESSE ANNULAIRE m/min : _____ PERTE D'EAU cm³ : _____ K⁺ ppm : _____

VOLUME CIRCULÉ m³ : _____ TEMPS DE CIRCULATION min (fond-surf.) : _____ TOTAL : _____

MATERIEL UTILISÉ

Description	Aujourd'hui	Cumul.	En dépôt
GEL			
KCL			116
NaOH			25
SS-100			49
FLR-100 E			
BARITE			
DV 68			6
SODA ASH			4

DONNEES HYDRAULIQUES

POMPE No. _____

DIM. mm _____

CPM _____

DÉBIT ℓ/min _____

PRESSION kPa _____

POUVOIR HYDR. _____/_____

COÛT JOUR $ 9 191

COÛT CUMUL. $ 572 195

CHRONOLOGIE

FORAGE h _____

ALÉSAGE h _____

VOYAGE h 6½

RELEVES h _____

CIRCULATION h 4¼

ENTRETIEN h _____

REPÊCHAGE h _____

DIAGRAPHIES h _____

TESTS h 2½

COFFRAGE, CIMENT h 3

ACTIVITES PRÉCÉDENTES

DEMONTE TIGES et FOREUSE:

Terminé DST #1, sorti les outils, entré les tiges de forage et circulé.

Place 3 bouchons de ciment à 997m, 542m et 305m. Démonté les tiges, circulé et séché le ciment (8 h), descendre toucher le bouchon #3 à 285m, sorti les tiges de forage, démentèlement de la foreuse.

SOQUIP

RAPPORT JOURNALIER DE FORAGE

PUITS : SOQUIP BLANCHET #1

DATE : 1979-08-09 FOREUSE No. 6

Y. Tessier

JOUR DE FORAGE : 35

PROFONDEUR m : 1332 (P.T.)

PROFONDEUR HIER m :

AVANCEMENT m :

FORMATION : Forillon

ACTIVITÉ COURANTE : sortie des outils DST

COFFRAGE :

RELEVÉS DE DÉVIATION

DEGRÉ	PROFONDEUR m

Trépan No.	RR 6C		
Grandeur mm	216		
Marque	H.W.		
Modèle	J77		
Série	40998		
Gicleurs mm			
Poids daN			
RPM			
Sortie m			
Entrée m			
Avancement m			
Heures			
Taux m/h			
Condition	circulé		

PROPRIÉTES DE LA BOUE

TYPE : Gel KCl SS-100 VISCOSITÉ s/ℓ : 50 pH : 11,0 PE/VP : 4,2

DENSITÉ kg/m³ : 1020 VISC. PLASTIQUE mPa·s : 5 GEL Pa : 9 / 11

GRADIENT kPa/m : 10,02 POINT D'ÉCOUL. Pa : 21 POLYMER kg/m³ : 0,80

VITESSE ANNULAIRE m/min : 42 PERTE D'EAU cm³ : K⁺ ppm : 19 000

VOLUME CIRCULÉ m³ : 166 TEMPS DE CIRCULATION min (fond-surf.) : 31 TOTAL : 42

MATERIEL UTILISÉ

Description	Aujourd'hui	Cumul.	En dépôt
GEL			
KCL			
NaOH			
SS-100			
FLR-100 E			
BARITE			

DONNEES HYDRAULIQUES

POMPE No.

DIM. mm

CPM

DÉBIT ℓ/min

PRESSION kPa

POUVOIR HYDR. /

COÛT JOUR $ 8 756

COÛT CUMUL. $ 563 004

CHRONOLOGIE

FORAGE h

ALÉSAGE h

VOYAGE h 9½

RELEVES h

CIRCULATION h 6½

ENTRETIEN h

REPÊCHAGE h

DIAGRAPHIES h

TESTS h 8

COFFRAGE, CIMENT h

ACTIVITES PRÉCÉDENTES

Circulé, sorti du trou, entré les outils d'essais aux tiges, effectué les essais, sorti du trou. PF : 15 min - très faible à faible

ISI : 60 min

FF : 120 min - faible décroissant lentement

FSI : 240 min

pas de gaz à la surface

Récupéré 34m de boue de forage. Intervalle: 935m - 955m.

Pression: IHP : 9972,7kPa
PFP : 537,3kPa
ISIP : 2686,3kPa
IFP : 626,8kPa
FFP : 716,3kPa
FSIP : 1969,9kPa
FHP : 9796,8kPa

SOQUIP

RAPPORT JOURNALIER DE FORAGE

PUITS : SOQUIP BLANCHET # 1

DATE : 1979-08-08 FOREUSE No. 6

Y. Tessier

JOUR DE FORAGE : 34

PROFONDEUR m : 1332

PROFONDEUR HIER m : 1332

AVANCEMENT m : -

FORMATION :

ACTIVITÉ COURANTE : circulation

COFFRAGE : 293,5

Trépan No.	RR6C		
Grandeur mm	216		
Marque	H.W.		
Modèle	J77		
Série	40998		
Gicleurs mm			
Poids daN			
RPM			
Sortie m			
Entrée m			
Avancement m			
Heures			
Taux m/h			
Condition	circulé		

RELEVÉS DE DÉVIATION

DEGRÉ	PROFONDEUR m

PROPRIÉTES DE LA BOUE

TYPE : Gel KCl SS-100 VISCOSITÉ s/ℓ : 50 pH : 11,0 PE/VP : 4,2

DENSITÉ kg/m³ : 1020 VISC. PLASTIQUE mPa·s : 5 GEL Pa : 9 / 11

GRADIENT kPa/m : 10,02 POINT D'ÉCOUL. Pa : 21 POLYMER kg/m³ : 0,80

VITESSE ANNULAIRE m/min : 42 PERTE D'EAU cm³ : K⁺ ppm : 19 000

VOLUME CIRCULÉ m³ : 166 TEMPS DE CIRCULATION min (fond-surf.) : 31 TOTAL : 42

MATERIEL UTILISÉ

Description	Aujourd'hui	Cumul.	En dépôt
GEL			
KCL			
NaOH			
SS-100			
FLR-100 E			
BARITE			

DONNEES HYDRAULIQUES

POMPE No. 1

DIM. mm 127 x 216

CPM 136

DÉBIT ℓ/min 1100

PRESSION kPa 6500

POUVOIR HYDR. /

COÛT JOUR $ 48 441

COÛT CUMUL. $ 554,248

CHRONOLOGIE

ATTENTE DES OUTILS: 2½ hr

FORAGE h

ALÉSAGE h

VOYAGE h 4 ½

RELEVES h

CIRCULATION h 12 3/4

ENTRETIEN h

REPÊCHAGE h

DIAGRAPHIES h 4½

TESTS h

COFFRAGE, CIMENT h

ACTIVITES PRÉCÉDENTES

Pris la diagraphie # 4 Dipmeter de 1327m à 293m, entré dans le trou et circulé, sorti du trou, attente pour essais aux tiges. Entré dans le trou, circulé.

SOQUIP

RAPPORT JOURNALIER DE FORAGE

PUITS : SOQUIP BLANCHET # 1

DATE : 1979-08-07 FOREUSE No. 6

Y. Tessier

JOUR DE FORAGE : 33

PROFONDEUR m : 1332

PROFONDEUR HIER m : 1316

AVANCEMENT m : 16

FORMATION :

ACTIVITÉ COURANTE : diagraphie #4 DIPMETER

COFFRAGE : 293,5

Trépan No.	5C		
Grandeur mm	216		
Marque	H.W.		
Modèle	J77		
Série	40998		
Gicleurs mm	2 x 7,1 1 x 8,7		
Poids daN	13000		
RPM	35		
Sortie m	1332		
Entrée m	1287		
Avancement m	45		
Heures	26½		
Taux m/h	1,70		
Condition	4-2-1		

RELEVÉS DE DÉVIATION

DEGRÉ	PROFONDEUR m

PROPRIÉTES DE LA BOUE

TYPE : Gel KCl SS-100 VISCOSITÉ s/ℓ : 50 pH : 11,0 PE/VP : 4,2

DENSITÉ kg/m³ : 1020 VISC. PLASTIQUE mPa·s : 5 GEL Pa : 9 / 11

GRADIENT kPa/m : 10,02 POINT D'ÉCOUL. Pa : 21 POLYMER kg/m³ : 0,80

VITESSE ANNULAIRE m/min : 42 PERTE D'EAU cm³ : K⁺ ppm : 19 000

VOLUME CIRCULÉ m³ : 166 TEMPS DE CIRCULATION min (fond-surf) : 31 TOTAL : 42

Cl : 19000 ppm

MATERIEL UTILISÉ

Description	Aujourd'hui	Cumul.	En dépôt
GEL	-	1088	50
KCL	15	573	134
NaOH	-	36	7
SS-100	-	16	49
FLR-100 E			
BARITE			

DONNEES HYDRAULIQUES

POMPE No. 1

DIM. mm 127 x 216

CPM 136

DÉBIT ℓ/min 1100

PRESSION kPa 6500

POUVOIR HYDR. /

COÛT JOUR $ 9 296

COÛT CUMUL. $ 505,807

CHRONOLOGIE

FORAGE h 7

ALÉSAGE h

VOYAGE h 3

RELEVES h

CIRCULATION h 1½

ENTRETIEN h

REPÊCHAGE h

DIAGRAPHIES h 12½

TESTS h

COFFRAGE, CIMENT h

ACTIVITES PRÉCÉDENTES

Foré jusqu'à 1332m, circulé, sorti du trou et démonté la stabilisation. Pris les diagraphies: #1 Dual Laterolog 1326m-293m; #2 BHC GammaRai Caliper 1326m-293m; #3 Formation Density Log & Caliper 1331m-293,5m. Entré dans le trou pour la diagraphie #4 Dipmeter.

SOQUIP

RAPPORT JOURNALIER DE FORAGE

PUITS : SOQUIP BLANCHET # 1

DATE : 1979-08-06 FOREUSE No. 6

Y. Tessier

JOUR DE FORAGE : 32

PROFONDEUR m : 1316

PROFONDEUR HIER m : 1287

AVANCEMENT m : 29

FORMATION : Cambro-ordovicien

ACTIVITÉ COURANTE : forage

COFFRAGE : 293,5

RELEVÉS DE DÉVIATION

DEGRÉ	PROFONDEUR m

Trépan No.	4C	5C	
Grandeur mm	216	216	
Marque	H.W.	H.W.	
Modèle	X 55 R	J 77	
Série	ED 705	40998	
Gicleurs mm	3 x 7,9	2 x 7,1 1 x 8,7	
Poids daN	15 000	13 000	
RPM	45	35	
Sortie m	1287		
Entrée m	1240	1287	
Avancement m	47	29	
Heures	28½	19½	
Taux m/h	1,66	1,49	
Condition	8-3-1	forage	

PROPRIÉTES DE LA BOUE

TYPE : Gel KCl SS-100 VISCOSITÉ s/ℓ : 41 pH : 11,0 PE/VP : 3,45

DENSITÉ kg/m³ : 1020 VISC. PLASTIQUE mPa·s : 5 GEL Pa : 11 / 11

GRADIENT kPa/m : 10,00 POINT D'ÉCOUL. Pa : 17,4 POLYMER kg/m³ : 1,00

VITESSE ANNULAIRE m/min : 42 PERTE D'EAU cm³ : _____ K⁺ ppm : 19 000

VOLUME CIRCULÉ m³ : 166 TEMPS DE CIRCULATION min (fond-surf.) : 31 TOTAL : 41

MATERIEL UTILISÉ

Description	Aujourd'hui	Cumul.	En dépôt
GEL	36	1088	50
KCL	20	558	149
NaOH	2	36	7
SS-100	0	16	49
FLR-100 E			
BARITE			
Scavenger	1 bbl.		

DONNEES HYDRAULIQUES

POMPE No. 1

DIM. mm 127 x 215

CPM 136

DÉBIT ℓ/min 1100

PRESSION kPa 6500

POUVOIR HYDR. /

COÛT JOUR $ 14 055

COÛT CUMUL. $ 495,511

CHRONOLOGIE

FORAGE h 19½

ALÉSAGE h

VOYAGE h 3½

RELEVES h

CIRCULATION h ¼

ENTRETIEN h 1

REPÊCHAGE h

DIAGRAPHIES h

TESTS h

COFFRAGE, CIMENT h

ACTIVITES PRÉCÉDENTES

Changé le trépan à 1287m, foré jusqu'à 1316m. Augmenté la viscosité à 41 sec./litre.

SOQUIP

RAPPORT JOURNALIER DE FORAGE

PUITS : SOQUIP BLANCHET #1

DATE : 1979-08-05 FOREUSE No. 6

Y. Tessier

JOUR DE FORAGE : 31

PROFONDEUR m : 1287

PROFONDEUR HIER m : 1252

AVANCEMENT m : 35

FORMATION : Cambro-ordovicien

ACTIVITÉ COURANTE : forage

COFFRAGE : 293,5

RELEVÉS DE DÉVIATION

DEGRÉ	PROFONDEUR m

Trépan No.	4C		
Grandeur mm	216		
Marque	H.W.		
Modèle	X 55 R		
Série	ED 705		
Gicleurs mm	3 x 7,9		
Poids daN	15 000		
RPM	45		
Sortie m			
Entrée m	1240		
Avancement m	47		
Heures	28¼		
Taux m/h	1,66		
Condition	forage		

PROPRIÉTES DE LA BOUE

TYPE : Gel KCl SS-100 VISCOSITÉ s/ℓ : 35 pH : 11,5 PE/VP : 1,68

DENSITÉ kg/m³ : 1020 VISC. PLASTIQUE mPa·s : 5 GEL Pa : 4,8 / 5,3

GRADIENT kPa/m : 10,00 POINT D'ÉCOUL. Pa : 8,40 POLYMER kg/m³ : 1,29

VITESSE ANNULAIRE m/min : 42 PERTE D'EAU cm³ : K⁺ ppm : 21 000

VOLUME CIRCULÉ m³ : 164 TEMPS DE CIRCULATION min (fond-surf.) : 30 TOTAL : 40

MATERIEL UTILISÉ

Description	Aujourd'hui	Cumul.	En dépôt
GEL	9	1052	53
KCL	30	538	169
NaOH	2	34	9
SS-100	1	16	49
FLR-10E			
BARITE			
Scavenger	1 bbl.		

DONNEES HYDRAULIQUES

POMPE No. 1

DIM. mm 127 x 216

CPM 136

DÉBIT ℓ/min 1100

PRESSION kPa 6500

POUVOIR HYDR. /

COÛT JOUR $ 9 992

COÛT CUMUL.$ 481,456

CHRONOLOGIE

FORAGE h 24

ALÉSAGE h

VOYAGE h

RELEVES h

CIRCULATION h

ENTRETIEN h

REPÊCHAGE h

DIAGRAPHIES h

TESTS h

COFFRAGE, CIMENT h

ACTIVITES PRÉCÉDENTES

Foré jusqu'à 1287m.

SOQUIP

RAPPORT JOURNALIER DE FORAGE

PUITS : SOQUIP BLANCHET # 1

DATE : 1979-08-04 FOREUSE No. 6

Y. Tessier

JOUR DE FORAGE : 30

PROFONDEUR m : 1252

PROFONDEUR HIER m : 1178

AVANCEMENT m : 74

FORMATION : Indian Cove

ACTIVITÉ COURANTE : forage

COFFRAGE : 293,5

RELEVÉS DE DÉVIATION

DEGRÉ	PROFONDEUR m
9	1196

Trépan No.	3C	4C	
Grandeur mm	216	216	
Marque	SEC	HW	
Modèle	M 84 F	X 55 R	
Série	901763	ED 705	
Gicleurs mm	3 x 7,9	3 x 7,9	
Poids daN	15 000	15 000	
RPM	45/50	45	
Sortie m	1240		
Entrée m	933	1240	
Avancement m	307	12	
Heures	104,5	4¼	
Taux m/h	2,93	2,82	
Condition	5-3-2	forage	

PROPRIÉTES DE LA BOUE

TYPE : Gel KCL SS-100 VISCOSITÉ s/ℓ : 36 pH : 11,5 PE/VP : 1,72

DENSITÉ kg/m³ : 1020 VISC. PLASTIQUE mPa·s : 5 GEL Pa : 4,8/ 5,3

GRADIENT kPa/m : 10,00 POINT D'ÉCOUL. Pa : 8,62 POLYMER kg/m³ : 0,86

VITESSE ANNULAIRE m/min : 42 PERTE D'EAU cm³ : K⁺ ppm : 15 000

VOLUME CIRCULÉ m³ : 163 TEMPS DE CIRCULATION min (fond-surf.) : 29 TOTAL : 39

MATERIEL UTILISÉ

Description	Aujourd'hui	Cumul.	En dépôt
GEL	23	1043	62
KCL	30	508	199
NaOH	1	32	11
SS-100	1	15	50
FLR-100 E			
BARITE			

DONNEES HYDRAULIQUES

POMPE No. 1

DIM. mm 127 x 216

CPM 136

DÉBIT ℓ/min 1100

PRESSION kPa 6500

POUVOIR HYDR. /

COÛT JOUR $ 13 323

COÛT CUMUL. $ 471,464

CHRONOLOGIE

FORAGE h 19 3/4

ALÉSAGE h

VOYAGE h 3½

RELEVES h ½

CIRCULATION h ½

ENTRETIEN h

REPÉCHAGE h

DIAGRAPHIES h

TESTS h

COFFRAGE, CIMENT h

ACTIVITES PRÉCÉDENTES

Foré jusqu'à 1240m, changé le trépan et foré jusqu'à 1252m.

SOQUIP

RAPPORT JOURNALIER DE FORAGE

PUITS : SOQUIP Blanchet no. 1

DATE : 1979-08-03 FOREUSE No. 6

Y. Tessier

JOUR DE FORAGE : 29

PROFONDEUR m : 1178

PROFONDEUR HIER m : 1104

AVANCEMENT m : 74

FORMATION : Indian Cove

ACTIVITÉ COURANTE : Forage

COFFRAGE : 293,5

Trépan No.	3C		
Grandeur mm	216		
Marque	SEC		
Modèle	M84F		
Série	901763		
Gicleurs mm	3x7.9		
Poids daN	15000		
RPM	45/50		
Sortie m			
Entrée m	933		
Avancement m	245		
Heures	88½		
Taux m/h	2,77		
Condition	Forage		

RELEVÉS DE DÉVIATION

DEGRÉ	PROFONDEUR m
> 8	1148

PROPRIÉTES DE LA BOUE

TYPE : GEL KCL SS-100 VISCOSITÉ s/ℓ : 37 pH : 11,0 PE/VP : 1,44

DENSITÉ kg/m³ : 10,20 VISC. PLASTIQUE mPa·s : 5 GEL Pa : 4.8 / 5.3

GRADIENT kPa/m : 10,2 POINT D'ÉCOUL. Pa : 7,18 POLYMER kg/m³ : 1,114

VITESSE ANNULAIRE m/min : 42 PERTE D'EAU cm³ : K⁺ ppm : 16 000

VOLUME CIRCULÉ m³ : 161 TEMPS DE CIRCULATION min (fond-surf.) : 28 TOTAL : 57

MATERIEL UTILISÉ

Description	Aujourd'hui	Cumul.	En dépôt
GEL	15	1020	82
KCL	31	478	229
NaOH	2	31	12
SS-100	1	14	51
FLR-100 E			
BARITE			

DONNEES HYDRAULIQUES

POMPE No. 1

DIM. mm 127x216

CPM 136

DÉBIT ℓ/min 1100

PRESSION kPa 6500

POUVOIR LUBR. /

COÛT JOUR $ 9 793

COÛT CUMUL. $ 458 141

CHRONOLOGIE

FORAGE h 23½

ALÉSAGE h

VOYAGE h

RELEVES h ½

CIRCULATION h

ENTRETIEN h

REPÊCHAGE h

DIAGRAPHIES h

TESTS h

COFFRAGE, CIMENT h

ACTIVITES PRÉCÉDENTES

On a foré jusqu'à 1173 m.

Microfilmé par les soins de la gestion des documents MER. 1979 Réduction 25X

SOQUIP

RAPPORT JOURNALIER DE FORAGE

PUITS : SOQUIP Blanchet no. 1

DATE : 1979-08-02 FOREUSE No. 6

Y. Tessier

JOUR DE FORAGE : 28

PROFONDEUR m : 1104

PROFONDEUR HIER m : 1035

AVANCEMENT m : 69

FORMATION : Indian Cove

ACTIVITÉ COURANTE : Forage

COFFRAGE : 293,5

RELEVÉS DE DÉVIATION

DEGRÉ	PROFONDEUR m
$5\frac{3}{4}$	1043
$6\frac{1}{4}$	1091

Trépan No.	3C		
Grandeur mm	216		
Marque	SEC		
Modèle	M84F		
Série	901763		
Gicleurs mm	3x7.9		
Poids daN	15000		
RPM	45/ 50		
Sortie m			
Entrée m	933		
Avancement m	171		
Heures	65		
Taux m/h	2,63		
Condition	Forage		

PROPRIÉTES DE LA BOUE

TYPE : GEL KCL SS-100 VISCOSITÉ s/ℓ : 37 pH : 11,5 PE/VP : 1.7

DENSITÉ kg/m³ : 10,10 VISC. PLASTIQUE mPa·s : 5 GEL Pa : 4.8 / 5.3

GRADIENT kPa/m : 9,9 POINT D'ÉCOUL. Pa : 8,62 POLYMER kg/m³ : 1,00

VITESSE ANNULAIRE m/min : 42 PERTE D'EAU cm³ : K⁺ ppm : 13 000

VOLUME CIRCULÉ m³ : 159 TEMPS DE CIRCULATION min (fond-surf) : 26 TOTAL : 36

MATERIEL UTILISÉ

Description	Aujourd'hui	Cumul.	En dépôt
GEL	13	1005	97
KCL	36	447	260
NaOH	1	29	14
SS-100	1	13	52
FLR-100 E			
BARITE			
Scavenger	1		

DONNEES HYDRAULIQUES

POMPE No. 1

DIM. mm 127x216

CPM 136

DÉBIT ℓ/min 1100

PRESSION kPa 6500

POUVOIR HYDR. /

COÛT JOUR $ 10 050

COÛT CUMUL. $ 448 348

CHRONOLOGIE

FORAGE h 23

ALÉSAGE h

VOYAGE h

RELEVES h 1

CIRCULATION h

ENTRETIEN h

REPÊCHAGE h

DIAGRAPHIES h

TESTS h

COFFRAGE, CIMENT h

ACTIVITES PRÉCÉDENTES

Foré jusqu'à 1101 m.

SOQUIP

RAPPORT JOURNALIER DE FORAGE

PUITS : SOQUIP Blancher # 1

DATE : 1979-08-01 FOREUSE No. 6

Y. Tessier

JOUR DE FORAGE : 27

PROFONDEUR m : 1035

PROFONDEUR HIER m : 983

AVANCEMENT m : 52

FORMATION : Indian Cove

ACTIVITÉ COURANTE : 293,5

COFFRAGE :

Trépan No.	3C		
Grandeur mm	216		
Marque	SEC		
Modèle	M84F		
Série	901763		
Gicleurs mm	3x7.9		
Poids daN	15000		
RPM	50		
Sortie m			
Entrée m	933		
Avancement m	102		
Heures	42		
Taux m/h	2,43		
Condition	Forage		

RELEVÉS DE DÉVIATION

DEGRÉ	PROFONDEUR m
5½	996

PROPRIÉTES DE LA BOUE

TYPE : GEL KCL SS-100 VISCOSITÉ s/ℓ : 36 pH : 11.5 PE/VP : 1,9

DENSITÉ kg/m³ : 1006 VISC. PLASTIQUE mPa·s : 4 GEL Pa : 4 / 5

GRADIENT kPa/m : 9,8 POINT D'ÉCOUL. Pa : 7,66 POLYMER kg/m³ : 1,00

VITESSE ANNULAIRE m/min : 42 PERTE D'EAU cm³ : K⁺ ppm : 12000

VOLUME CIRCULÉ m³ : 157 TEMPS DE CIRCULATION min (fond-surf.) : 24 TOTAL : 34

MATERIEL UTILISÉ

Description	Aujourd'hui	Cumul.	En dépôt
GEL	18	992	110
KCL	24	411	296
NaOH	2	28	15
SS-100	1	12	53
FLR-100 E			
BARITE			

DONNEES HYDRAULIQUES

POMPE No. 1

DIM. mm 127x216

CPM 136

DÉBIT ℓ/min 1100

PRESSION kPa 6500

POUVOIR HYDR. /

COÛT JOUR $ 9447

COÛT CUMUL. $438 298

CHRONOLOGIE

FORAGE h 23½

ALÉSAGE h

VOYAGE h

RELEVES h ½

CIRCULATION h

ENTRETIEN h

REPÊCHAGE h

DIAGRAPHIES h

TESTS h

COFFRAGE, CIMENT h

ACTIVITES PRÉCÉDENTES

Foré jusqu'à 1035 m.

SOQUIP

RAPPORT JOURNALIER DE FORAGE

PUITS : SOQUIP Blanchet no. 1

DATE : 1979-07-31 FOREUSE No. 6

Yvan Tessier

JOUR DE FORAGE : 26

PROFONDEUR m : 983

PROFONDEUR HIER m : 933

AVANCEMENT m : 50

FORMATION : Indian Cove

ACTIVITÉ COURANTE : Forage

COFFRAGE : 293,5

Trépan No.	2C	3C	
Grandeur mm	216	216	
Marque	REED	SEC	
Modèle	FP62J	M84F	
Série	813884	901763	
Gicleurs mm	3x6.7	3x7.9	
Poids daN	15000	15000	
RPM	50	50	
Sortie m	933		
Entrée m	320	933	
Avancement m	613	50	
Heures	138	18½	
Taux m/h	4,44	2,70	
Condition	6-6-3	forage	

RELEVÉS DE DÉVIATION

DEGRÉ	PROFONDEUR m
4¾	949

PROPRIÉTES DE LA BOUE

TYPE : GEL KCL SS-100 VISCOSITÉ s/ℓ : 37 pH : 11.5 PE/VP :

DENSITÉ kg/m³ : 1020 VISC. PLASTIQUE mPa·s : GEL Pa : /

GRADIENT kPa/m : 10,2 POINT D'ÉCOUL. Pa : POLYMER kg/m³ 0,85

VITESSE ANNULAIRE m/min : PERTE D'EAU cm³ : K⁺ ppm : 13 000

VOLUME CIRCULÉ m³ : TEMPS DE CIRCULATION min (fond-surf.) : TOTAL :

MATÉRIEL UTILISÉ

Description	Aujourd'hui	Cumul.	En dépôt
GEL	18	974	128
KCL	20	387	320
NaOH	2	26	17
SS-100	0	11	54
FLR-100 E			
BARITE			

DONNEES HYDRAULIQUES

POMPE No. 1

DIM. mm 127x216

CPM 135

DÉBIT ℓ/min 1100

PRESSION kPa 6500

POUVOIR HYDR. /

COÛT JOUR $ 13 243

COÛT CUMUL. $ 428 851

CHRONOLOGIE

FORAGE h 19

ALÉSAGE h

VOYAGE h 3½

RELEVES h ½

CIRCULATION h ½

ENTRETIEN h 1

REPÊCHAGE h

DIAGRAPHIES h

TESTS h

COFFRAGE, CIMENT h

ACTIVITES PRÉCÉDENTES

Foré jusqu'à 933 m. Sorti du trou pour changer le trépan. Foré jusqu'à 983 m.

SOQUIP

RAPPORT JOURNALIER DE FORAGE

PUITS : SOQUIP Blanchet no. 1

DATE : 1979-07-30 FOREUSE No. 6

J. Boudreault

JOUR DE FORAGE : 25

PROFONDEUR m : 933

PROFONDEUR HIER m : 849

AVANCEMENT m : 84

FORMATION : Forillon

ACTIVITÉ COURANTE : Forage

COFFRAGE : 293,5

Trépan No.	2C		
Grandeur mm	216		
Marque	Reed		
Modèle	FP62J		
Série	813884		
Gicleurs mm	3x8.72		
Poids daN	15 000		
RPM	50		
Sortie m	—		
Entrée m	320		
Avancement m	613		
Heures	138	?	
Taux m/h	4,44		
Condition	Forage		

RELEVÉS DE DÉVIATION

DEGRÉ	PROFONDEUR m
4	891

PROPRIÉTES DE LA BOUE

TYPE : SS-100 Gel KCL VISCOSITÉ s/ℓ : 37 pH : 12 PE/VF : ____

DENSITÉ kg/m³ : 1060 VISC. PLASTIQUE mPa·s : ____ GEL Pa : ____/____

GRADIENT kPa/m : 10,5 POINT D'ÉCOUL. Pa : ____ POLYMER kg/m³ : 1,71

VITESSE ANNULAIRE m/min : ____ PERTE D'EAU cm³ : ____ K⁺ ppm : 20 000

VOLUME CIRCULÉ m³ : ____ TEMPS DE CIRCULATION min (fond-surf.) : ____ TOTAL : ____

MATERIEL UTILISÉ

Description	Aujourd'hui	Cumul.	En dépôt
GEL	23	956	177
KCL	30	367	188
NaOH	1	24	19
SS-100	1	11	54
FLR-100 E			
BARITE			

DONNEES HYDRAULIQUES

POMPE No. 1

DIM. mm 127x216

CPM 135

DÉBIT ℓ/min 1125

PRESSION kPa 4500

POUVOIR HYDR. ___/___

COÛT JOUR $ 9 768

COÛT CUMUL. $ 416 608

CHRONOLOGIE

FORAGE h 22 1/3

ALÉSAGE h ____

VOYAGE h ____

RELEVES h 1/3

CIRCULATION h ____

ENTRETIEN h 3/4

REPÊCHAGE h ____

DIAGRAPHIES h ____

TESTS h ____

COFFRAGE, CIMENT h ____

ACTIVITES PRÉCÉDENTES

Foré jusqu'à 933 m.

SOQUIP

RAPPORT JOURNALIER DE FORAGE

PUITS : SOQUIP Blanchet no. 1

DATE : 1979-07-29 FOREUSE No. 6

Jean Boudreault

JOUR DE FORAGE : 24

PROFONDEUR m : 849

PROFONDEUR HIER m : 773

AVANCEMENT m : 76

FORMATION : Forillon

ACTIVITÉ COURANTE : Forage

COFFRAGE : 293,5

Trépan No.	2C		
Grandeur mm	216		
Marque	REED		
Modèle	FP62J		
Série	813884		
Gicleurs mm	3x8.7		
Poids daN	15000		
RPM	50		
Sortie m			
Entrée m	320		
Avancement m	529		
Heures	115½		
Taux m/h	4,58		
Condition	Forage		

RELEVÉS DE DÉVIATION

DEGRÉ	PROFONDEUR m
3¾	835

PROPRIÉTES DE LA BOUE

TYPE : GEL KCL SS-100 VISCOSITÉ s/ℓ : 36 pH : 12 PE/VP :

DENSITÉ kg/m³ : 1020 VISC. PLASTIQUE mPa·s : GEL Pa : /

GRADIENT kPa/m : 10,1 POINT D'ÉCOUL. Pa : POLYMER kg/m³ : 1,28

VITESSE ANNULAIRE m/min : PERTE D'EAU cm³ : K⁺ ppm : 17000

VOLUME CIRCULÉ m³ : TEMPS DE CIRCULATION min (fond-surf.) : TOTAL :

MATERIEL UTILISÉ

Description	Aujourd'hui	Cumul.	En dépôt
GEL	14	933	200
KCL	40	337	218
NaOH	1	23	20
SS-100	1	10	55
FLR-100 E			
BARITE			
Scavenger	42 litres		

DONNEES HYDRAULIQUES

POMPE No. 1

DIM. mm 127x216

CPM 135

DÉBIT ℓ/min 1100

PRESSION kPa 5000

POUVOIR HYDR. /

COÛT JOUR $ 9 747

COÛT CUMUL. $ 405 840

CHRONOLOGIE

FORAGE h 22¾

ALÉSAGE h

VOYAGE h

RELEVES h 1

CIRCULATION h

ENTRETIEN h ¼

REPÊCHAGE h

DIAGRAPHIES h

TESTS h

COFFRAGE, CIMENT h

ACTIVITES PRÉCÉDENTES

Foré jusqu'à 849 m.

SOQUIP

RAPPORT JOURNALIER DE FORAGE

PUITS : SOQUIP Blanchet # 1

DATE : 1979-07-28 FOREUSE No. 6

Jean Boudreault

JOUR DE FORAGE : 23

PROFONDEUR m : 773

PROFONDEUR HIER m : 683

AVANCEMENT m : 90

FORMATION : Forillon

ACTIVITÉ COURANTE : Forage

COFFRAGE : 293,5

Trépan No.	2C		
Grandeur mm	216		
Marque	REED		
Modèle	FP62J		
Série	813884		
Gicleurs mm	3x8.7		
Poids daN	15000		
RPM	50		
Sortie m			
Entrée m	320		
Avancement m	453		
Heures	92¾		
Taux m/h	4,88		
Condition	Forage		

RELEVÉS DE DÉVIATION

DEGRÉ	PROFONDEUR m
3½	712
4	750

PROPRIÉTES DE LA BOUE

TYPE : GEL KCl SS-100 VISCOSITÉ s/ℓ : 35 pH : 10 PE/VP :

DENSITÉ kg/m³ : 1040 VISC. PLASTIQUE mPa·s : GEL Pa : /

GRADIENT kPa/m : 10,3 POINT D'ÉCOUL. Pa : POLYMER kg/m³ : 0,86

VITESSE ANNULAIRE m/min : PERTE D'EAU cm³ : K⁺ ppm : 12 000

VOLUME CIRCULÉ m³ : TEMPS DE CIRCULATION min (fond-surf.) : TOTAL :

MATERIEL UTILISÉ

Description	Aujourd'hui	Cumul.	En dépôt
GEL	35	919	50
KCL	30	297	258
NaOH	1	22	21
SS-100	2	9	56
FLR-100 E			
BARITE			

DONNEES HYDRAULIQUES

POMPE No. 1

DIM. mm 127x216

CPM 135

DÉBIT ℓ/min 1100

PRESSION kPa 5000

POUVOIR HYDR. /

COÛT JOUR $ 11 056

COÛT CUMUL. $396 093

CHRONOLOGIE

FORAGE h 22¾

ALÉSAGE h

VOYAGE h

RELEVES h 1¾

CIRCULATION h

ENTRETIEN h

REPÊCHAGE h

DIAGRAPHIES h

TESTS h

COFFRAGE, CIMENT h

ACTIVITES PRÉCÉDENTES

Forè jusqu'à 773 m.

SOQUIP

RAPPORT JOURNALIER DE FORAGE

PUITS : SOQUIP Blanchet no. 1

DATE : 1979-07-27 FOREUSE No. 6

J. Boudreault

JOUR DE FORAGE : 22

PROFONDEUR m : 683

PROFONDEUR HIER m : 635

AVANCEMENT m : 48

FORMATION : Forillion

ACTIVITÉ COURANTE : Forage

COFFRAGE : 295

Trépan No.	2 C		
Grandeur mm	216		
Marque	Reed		
Modèle	FP 625		
Série	813884		
Gicleurs mm	3 x 8.72		
Poids daN	15 000		
RPM	50		
Sortie m	---		
Entrée m	320		
Avancement m	363		
Heures	70		
Taux m/h	5.19		
Condition	Forage		

RELEVÉS DE DÉVIATION

DEGRÉ	PROFONDEUR m
3	645

PROPRIÉTES DE LA BOUE

TYPE : SS-100, Gel, KCl

VISCOSITÉ s/ℓ : 35

pH : 11.5

PE/VP : ____

DENSITÉ kg/m³ : 1020

VISC. PLASTIQUE mPa·s : ____

GEL Pa : ____/____

GRADIENT kPa/m : 10,1

POINT D'ÉCOUL. Pa : ____

POLYMER kg/m³ : 0.57

VITESSE ANNULAIRE m/min : ____

PERTE D'EAU cm³ : ____

K⁺ ppm : 14,000

VOLUME CIRCULÉ m³ : ____

TEMPS DE CIRCULATION min (fond-surf.) : ____ TOTAL : ____

MATERIEL UTILISÉ

Description	Aujourd'hui	Cumul.	En dépôt
GEL	58	884	40
KCL	0	267	288
NaOH	1	21	22
SS-100	0	7	58
FLR-100 E			
BARITE			

DONNEES HYDRAULIQUES

POMPE No. 1

DIM. mm 127 x 216

CPM 135

DÉBIT ℓ/min 1125

PRESSION kPa 5000

POUVOIR HYDR. ____/____

COÛT JOUR $ 11 023

COÛT CUMUL. $ 385 037

CHRONOLOGIE

FORAGE h 6-1/2

ALÉSAGE h 4-3/4

VOYAGE h 7-1/4

RELEVES h 1/2

CIRCULATION h 2-1/4

ENTRETIEN h 2-3/4

REPÊCHAGE h ____

DIAGRAPHIES h ____

TESTS h ____

COFFRAGE CIMENT h ____

ACTIVITES PRÉCÉDENTES

Foré à l'air jusqu'à 673 m. Problème de nettoyage de retombée et de l'eau. Converti à la boue. Rempli le trou graduellement 150 m à la fois jusqu'à la base du coffrage. Entré avec un trépan à dent sans nettoyer 40 m de retombées. Circulé 1-3/4. Sorti. Remi la stabilisation et le trépan à bouton. Réentré et foré jusqu'à 683 m.

SOQUIP

RAPPORT JOURNALIER DE FORAGE

PUITS : SOQUIP Blanchet no. 1

DATE : 1979-07-26 FOREUSE No. 6

J. Boudreault

JOUR DE FORAGE : 21

PROFONDEUR m : 635

PROFONDEUR HIER m : 493

AVANCEMENT m : 142

FORMATION : Forillon

ACTIVITÉ COURANTE : Forage

COFFRAGE : 295

Trépan No.	2C		
Grandeur mm	216		
Marque	REED		
Modèle	FP 62J		
Série	813884		
Gicleurs mm	--		
Poids daN	10/15000		
RPM	50		
Sortie m	--		
Entrée m	320		
Avancement m	314		
Heures	63½		
Taux m/h	4,94		
Condition	Forage		

RELEVÉS DE DÉVIATION

DEGRÉ	PROFONDEUR m
2½	502
2½	541
3	588

PROPRIÉTÉS DE LA BOUE

DEBIT AIR: 45m³/min. PRESSION: 1200 kPa FLUIDE: 20 litres/min. SAVON 6.8l litres/1.6m³

TYPE : VISCOSITÉ s/ℓ : pH : PE/VP :

DENSITÉ kg/m³ : VISC. PLASTIQUE mPa·s : GEL Pa : /

GRADIENT kPa/m : POINT D'ÉCOUL. Pa : POLYMER kg/m³ :

VITESSE ANNULAIRE m/min : PERTE D'EAU cm³ : K⁺ ppm :

VOLUME CIRCULÉ m³ : TEMPS DE CIRCULATION min (fond-surf.) : TOTAL :

MATERIEL UTILISÉ

Description	Aujourd'hui	Cumul.	En dépôt
GEL	35	826	98
KCL	135	267	288
NaOH	2	20	23
SS-100	3	7	58
FLR-100 E			
BARITE			

DONNEES HYDRAULIQUES

POMPE No.

DIM. mm

CPM

DÉBIT ℓ/min

PRESSION kPa

POUVOIR HYDR. /

COÛT JOUR $ 12 207

COÛT CUMUL. $ 374 014

CHRONOLOGIE

FORAGE h 19½

ALÉSAGE h

VOYAGE h 2½

RELEVES h 1½

CIRCULATION h ¾

ENTRETIEN h

REPÊCHAGE h

DIAGRAPHIES h

TESTS h

COFFRAGE, CIMENT h

ACTIVITES PRÉCÉDENTES

Commencé à forer, perte de pression. Sorti les tiges jusqu'à la base du coffrage. Vérifié les boosters et les compresseurs. Réentré dans le trou et foré jusqu'à 635 m.

SOQUIP

RAPPORT JOURNALIER DE FORAGE

PUITS : SOQUIP BLANCHET # 1

DATE : 1979-07-25 FOREUSE No. 6

J. Boudreault

JOUR DE FORAGE : 20

PROFONDEUR m : 493

PROFONDEUR HIER m : 386

AVANCEMENT m : 107

FORMATION : FORILLON

ACTIVITÉ COURANTE : forage

COFFRAGE : 295m.

Trépan No.	2C		
Grandeur mm	2?3		
Marque	REED		
Modèle	FP 62 J		
Série	813884		
Gicleurs mm	-		
Poids daN	10/15000		
RPM	50		
Sortie m	-		
Entrée m	320		
Avancement m	173		
Heures	44½		
Taux m/h	3,91		
Condition	forage		

RELEVÉS DE DÉVIATION

DEGRÉ	PROFONDEUR m

PROPRIÉTÉS DE LA BOUE

DEBIT: 31m³/min. PRESSION: 1100Kpa FLUIDE: 20 litres/min. SAVON: 4.54 litres/1.6m³

TYPE : VISCOSITÉ s/ℓ : pH : PE/VP :

DENSITÉ kg/m³ : VISC. PLASTIQUE mPa·s : GEL Pa : /

GRADIENT kPa/m : POINT D'ÉCOUL. Pa : POLYMER kg/m³ :

VITESSE ANNULAIRE m/min : PERTE D'EAU cm³ : K⁺ ppm :

VOLUME CIRCULÉ m³ : TEMPS DE CIRCULATION min (fond-surf.) : TOTAL :

MATERIEL UTILISÉ

Description	Aujourd'hui	Cumul.	En dépôt
GEL			
KCL			
NaOH			
SS-100			
FLR-100 E			
BARITE			

DONNEES HYDRAULIQUES

POMPE No.

DIM. mm

CPM

DÉBIT ℓ/min

PRESSION kPa

POUVOIR HYDR. /

COÛT JOUR $ 10 761

COÛT CUMUL.$ 361 807

CHRONOLOGIE

FORAGE h 22 3/4

ALÉSAGE h

VOYAGE h

RELEVES h 1 1/4

CIRCULATION h

ENTRETIEN h

REPÉCHAGE h

DIAGRAPHIES h

TESTS h

COFFRAGE, CIMENT h

ACTIVITES PRÉCÉDENTES

Foré jusqu'à 493m.

SOQUIP

RAPPORT JOURNALIER DE FORAGE

PUITS : SOQUIP BLANCHET #1

DATE : 1979-07-24 FOREUSE No. 6

J. Boudreault

JOUR DE FORAGE : 19

PROFONDEUR m : 386

PROFONDEUR HIER m : 321

AVANCEMENT m : 65

FORMATION :

ACTIVITÉ COURANTE : forage

COFFRAGE : 295m.

Trépan No.	2C		
Grandeur mm	216		
Marque	REED		
Modèle	FP 62 J		
Série	813884		
Gicleurs mm	-		
Poids daN	10 000		
RPM	50		
Sortie m	-		
Entrée m	320		
Avancement m	66		
Heures	21½		
Taux m/h	3,07		
Condition	forage		

RELEVÉS DE DÉVIATION

DEGRÉ	PROFONDEUR m
1 1/2	331
1 3/4	350
2 1/4	379

PROPRIÉTES DE LA BOUE

DEBIT: 31m³/min. PRESSION: 1100Kpa FLUIDE: 20 litres/min. SAVON:4.54 litres/1.6m³

TYPE : VISCOSITÉ s/ℓ : pH : PE/VP :

DENSITÉ kg/m³ : VISC. PLASTIQUE mPa·s : GEL Pa : /

GRADIENT kPa/m : POINT D'ÉCOUL. Pa : POLYMER kg/m³ :

VITESSE ANNULAIRE m/min : PERTE D'EAU cm³ : K⁺ ppm :

VOLUME CIRCULÉ m³ : TEMPS DE CIRCULATION min (fond-surf.) : TOTAL :

MATERIEL UTILISÉ

Description	Aujourd'hui	Cumul.	En dépôt
GEL			
KCL			
NaOH			
SS-100			
FLR-100 E			
BARITE			

DONNEES HYDRAULIQUES

POMPE No.

DIM. mm

CPM

DÉBIT ℓ/min

PRESSION kPa

POUVOIR HYDR. /

COÛT JOUR $ 10 166

COÛT CUMUL.$ 351 246

CHRONOLOGIE

FORAGE h 21

ALÉSAGE h

VOYAGE h 1 3/4

RELEVES h 1

CIRCULATION h 1/4

ENTRETIEN h

REPÊCHAGE h

DIAGRAPHIES h

TESTS h

COFFRAGE, CIMENT h

ACTIVITES PRÉCÉDENTES

Sorti les tiges pour mettre en place un calbet de non-retour, réentré et foré jusqu'à 386m.

SOQUIP

RAPPORT JOURNALIER DE FORAGE

PUITS : SOQUIP BLANCHET #1

DATE : 1979-07-23 FOREUSE No. 6

J. Boudreault

JOUR DE FORAGE : 18

PROFONDEUR m : 321

PROFONDEUR HIER m : 295

AVANCEMENT m : 26

FORMATION : Indian Cove

ACTIVITÉ COURANTE : alésage 295m.

COFFRAGE : 295m.

Trépan No.	1C	2C	
Grandeur mm	216	216	
Marque	H.W.	REED	
Modèle	JD 7	FP 62J	
Série	26297	813884	
Gicleurs mm	-	-	
Poids daN	10 000	10 000	
RPM	64	45	
Sortie m	320	-	
Entrée m	295	320	
Avancement m	25	1	
Heures	9	½	
Taux m/h	2,78	2,00	
Condition	4-2-1	forage	

RELEVÉS DE DÉVIATION

DEGRÉ	PROFONDEUR m
1	310

PROPRIÉTÉS DE LA BOUE

Débit: 1100 p^3/m Pression: 1000Kpa Fluide: 4.5 gal/min. Savon: 4.54 litres/10 barils d'eau

TYPE : _____ VISCOSITÉ s/c : _____ pH : _____ PE/VP : _____

DENSITÉ kg/m^3 : _____ VISC. PLASTIQUE mPa·s : _____ GEL Pa : _____/_____

GRADIENT kPa/m : _____ POINT D'ÉCOUL. Pa : _____ POLYMER kg/m^3 : _____

VITESSE ANNULAIRE m/min : _____ PERTE D'EAU cm^3 : _____ K^+ ppm : _____

VOLUME CIRCULÉ m^3 : _____ TEMPS DE CIRCULATION min (fond-surf.) : _____ TOTAL : _____

MATERIEL UTILISÉ

Description	Aujourd'hui	Cumul.	En dépôt
GEL			
KCL			
NaOH			
SS-100			
FLR-100 E			
BARITE			

DONNEES HYDRAULIQUES

POMPE No. _____

DIM. mm _____

CPM _____

DÉBIT ℓ/min _____

PRESSION kPa _____

POUVOIR HYDR. _____/_____

COÛT JOUR $ 13,135

COÛT CUMUL. $ 354,310

CHRONOLOGIE

SECHAGE, h 8

FORAGE h 9

ALÉSAGE h 3½

VOYAGE h 3

RELEVES h ½

CIRCULATION h _____

ENTRETIEN h _____

REPÊCHAGE h _____

DIAGRAPHIES h _____

TESTS h _____

COFFRAGE, CIMENT h _____

ACTIVITES PRÉCÉDENTES

Vidé le trou et circulé l'air pour assécher, foré jusqu'à 320m., sorti du trou, mis en place la stabilisation. Ré-entré dans le trou jusqu'à la base du coffrage, rencontré de l'eau de formation, commencé à utiliser mélange d'eau et de savon, alésé jusqu'à 320m et foré jusqu'à 321m.

SOQUIP

RAPPORT JOURNALIER DE FORAGE

PUITS : SOQUIP BLANCHET #1

DATE : 1979-07-22 FOREUSE No. 6

J. Boudreault

JOUR DE FORAGE : 17

PROFONDEUR m : 295

PROFONDEUR HIER m : 295

AVANCEMENT m : 0

FORMATION : _____

ACTIVITÉ COURANTE : séchage du trou

COFFRAGE : 295m.

Trépan No.			
Grandeur mm			
Marque			
Modèle			
Série			
Gicleurs mm			
Poids daN			
RPM			
Sortie m			
Entrée m			
Avancement m			
Heures			
Taux m/h			
Condition			

RELEVÉS DE DÉVIATION

DEGRÉ	PROFONDEUR m

PROPRIÉTES DE LA BOUE

TYPE : _____ VISCOSITÉ s/ℓ : _____ pH : _____ PE/VP : _____

DENSITÉ kg/m³ : _____ VISC. PLASTIQUE mPa·s : _____ GEL Pa : _____/_____

GRADIENT kPa/m : _____ POINT D'ÉCOUL. Pa : _____ POLYMER kg/m³ : _____

VITESSE ANNULAIRE m/min : _____ PERTE D'EAU cm³ : _____ K⁺ ppm : _____

VOLUME CIRCULÉ m³ : _____ TEMPS DE CIRCULATION min (fond-surf.) : _____ TOTAL : _____

MATERIEL UTILISÉ

Description	Aujourd'hui	Cumul.	En dépôt
GEL			133
KCL			424
NaOH			25
SS-100			61
FLR-100 E			
BARITE			
SODA ASH			3
SAPP			1

DONNEES HYDRAULIQUES

POMPE No. _____

DIM. mm _____

CPM _____

DÉBIT ℓ/min _____

PRESSION kPa _____

POUVOIR HYDR. _____/_____

COÛT JOUR $ 11,735

COÛT CUMUL. $ 341,175

CHRONOLOGIE

FORAGE h 5½

ALÉSAGE h _____

VOYAGE h _____

RELEVES h _____

CIRCULATION h _____

ENTRETIEN h _____

REPÊCHAGE h _____

DIAGRAPHIES h _____

TESTS h _____

COFFRAGE, CIMENT h 18 ½

ACTIVITES PRÉCÉDENTES

Fini l'arrangement des BOP's, mis en place la "rotating head" et l'équipement pour forer à l'air. Pressurisé les "blind rams" à 10 000Kpa pendant 15 min. OK. ramasser la masse-tige et entré dans le trou jusqu'au collet de flottaison. Pressurisé les "pipe rams" et le "hydrill" à 10 000Kpa pendant 15 min. OK, foré le collet de flottaison, le ciment et le sabot de guidage. commencé à forer le trou avec de l'air.

SOQUIP

RAPPORT JOURNALIER DE FORAGE

PUITS : SOQUIP BLANCHET # 1

DATE : 1979-07-21 FOREUSE No. 6

J. Boudreault

JOUR DE FORAGE : 16

PROFONDEUR m : 295

PROFONDEUR HIER m : 295

AVANCEMENT m : 0

FORMATION : _____

ACTIVITÉ COURANTE : arrangement des BOP's

COFFRAGE : 295m.

Trépan No.			
Grandeur mm			
Marque			
Modèle			
Série			
Gicleurs mm			
Poids daN			
RPM			
Sortie m			
Entrée m			
Avancement m			
Heures			
Taux m/h			
Condition			

RELEVÉS DE DÉVIATION

DEGRÉ	PROFONDEUR m

PROPRIÉTES DE LA BOUE

TYPE : _____ VISCOSITÉ s/ℓ : _____ pH : _____ PE/VP : _____

DENSITÉ kg/m^3 : _____ VISC. PLASTIQUE mPa·s : _____ GEL Pa : _____/_____

GRADIENT kPa/m : _____ POINT D'ÉCOUL. Pa : _____ POLYMÈRE kg/m^3 : _____

VITESSE ANNULAIRE m/min : _____ PERTE D'EAU cm^3 : _____ K$^+$ ppm : _____

VOLUME CIRCULÉ m^3 : _____ TEMPS DE CIRCULATION min (fond-surf.) : _____ TOTAL : _____

MATERIEL UTILISÉ

Description	Aujourd'hui	Cumul.	En dépôt
GEL			133
KCL			424
NaOH			25
SS-100			61
FLR-100 E			
BARITE			
SODA ASH			3
SAPP			1

DONNEES HYDRAULIQUES

POMPE No. _____

DIM. mm _____

CPM _____

DÉBIT ℓ/min _____

PRESSION kPa _____

POUVOIR HYDR. ___/___

COÛT JOUR $ 27,132

COÛT CUMUL. $ 329,440

CHRONOLOGIE

FORAGE h _____

ALÉSAGE h _____

VOYAGE h _____

RELEVES h _____

CIRCULATION h _____

ENTRETIEN h _____

REPÊCHAGE h _____

DIAGRAPHIES h _____

TESTS h _____

COFFRAGE, CIMENT h 24

ACTIVITES PRÉCÉDENTES

Séchage du ciment, soudé le "casing bowl".

SOQUIP

RAPPORT JOURNALIER DE FORAGE

PUITS : SOQUIP BLANCHET #1

DATE : 1979-07-20 FOREUSE No. 6

J. Boudreault

JOUR DE FORAGE : 15

PROFONDEUR m : 295

PROFONDEUR HIER m : 278

AVANCEMENT m : 17

FORMATION : Indian Cove

ACTIVITÉ COURANTE : séchage du ciment

COFFRAGE : 43m

Trépan No.	RR 2A		
Grandeur mm	311		
Marque	SEC.		
Modèle	S-88		
Série	612714		
Gicleurs mm	3 x 11,1		
Poids daN	8000/10000		
RPM	60		
Sortie m	295		
Entrée m	105		
Avancement m	190		
Heures	61 3/4		
Taux m/h	3,08		
Condition	4-2-2		

RELEVÉS DE DÉVIATION

DEGRÉ	PROFONDEUR m

PROPRIÉTÉS DE LA BOUE

TYPE : Gel KCl SS-100 VISCOSITÉ s/ℓ : 42 - 50 pH : 11,5 PE/VP : ____

DENSITÉ kg/m³ : 1050 VISC. PLASTIQUE mPa·s : ____ GEL Pa : ____/____

GRADIENT kPa/m : 10,4 POINT D'ÉCOUL. Pa : ____ POLYMER kg/m³ : ____

VITESSE ANNULAIRE m/min : ____ PERTE D'EAU cm³ : ____ K⁺ ppm : ____

VOLUME CIRCULÉ m³ : ____ TEMPS DE CIRCULATION min (fond-surf) : ____ TOTAL : ____

MATERIEL UTILISÉ

Description	Aujourd'hui	Cumul.	En dépôt
GEL	0	827	133
KCL	20	131	424
NaOH	0	18	25
SS-100	1	4	61
FLR-100 E			
BARITE			
SODA ASH			3
SAPP	2	2	1

DONNEES HYDRAULIQUES

POMPE No. 2

DIM. mm 203 x 406

CPM ____

DÉBIT ℓ/min ____

PRESSION kPa ____

POUVOIR HYDR. ____/____

COÛT JOUR $ 10 281

COÛT CUMUL. $ 302 308

CHRONOLOGIE

FORAGE h 5½

ALÉSAGE h ____

VOYAGE h 2

RELEVES h ____

CIRCULATION h 2

ENTRETIEN h ____

REPÊCHAGE h ____

DIAGRAPHIES h ____

TESTS h ____

COFFRAGE, CIMENT h 14½

ACTIVITES PRÉCÉDENTES

Foré jusqu'à 295m. Circulé, fait un "dummy trip", sorti les tiges, mis en place 295m de coffrage 245mm, 48kg/m, H-40#. Circulé la boue et cimenté comme suit: prélavage 20 barils d'eau contenant 1 baril de SAPP par 10 barils, 500 sacs de ciment classe G, déplacé le ciment avec 73 barils d'eau fraîche, bons retours, séchage du ciment.

SOQUIP

RAPPORT JOURNALIER DE FORAGE

PUITS : SOUQIP BLANCHET #1

DATE : 1979-07-19 FOREUSE No. 6

J. Boudreault

JOUR DE FORAGE : 14

PROFONDEUR m : 278

PROFONDEUR HIER m : 212

AVANCEMENT m : 66

FORMATION :

ACTIVITÉ COURANTE : forage

COFFRAGE : 43m.

Trépan No.	RR 2A		
Grandeur mm	311		
Marque	SEC.		
Modèle	S-88		
Série	612714		
Gicleurs mm	3 x 11,1		
Poids daN	8000/10000		
RPM	60		
Sortie m	-		
Entrée m	105		
Avancement m	173		
Heures	56 1/4		
Taux m/h	3,08		
Condition	forage		

RELEVÉS DE DÉVIATION

DEGRÉ	PROFONDEUR m
7/8	231
7/8	249
7/8	268

PROPRIÉTES DE LA BOUE

TYPE : Gel KCl SS-100 VISCOSITÉ s/ℓ : 45 pH : 11,5 PE/VP :

DENSITÉ kg/m³ : 1050 VISC. PLASTIQUE mPa·s : GEL Pa : /

GRADIENT kPa/m : 10,4 POINT D'ÉCOUL. Pa : POLYMER kg/m³ : 1,14

VITESSE ANNULAIRE m/min : PERTE D'EAU cm³ : K⁺ ppm : 6 000

VOLUME CIRCULÉ m³ : TEMPS DE CIRCULATION min (fond-surf.) : TOTAL :

MATERIEL UTILISÉ

Description	Aujourd'hui	Cumul.	En dépôt
GEL	27	827	133
KCL	5	11	444
NaOH	2	18	25
SS-100	0	3	62
FLR-100 E			
BARITE			
SODA ASH	0	0	3
SAPP	0	0	3

DONNEES HYDRAULIQUES

POMPE No. 2

DIM. mm 203 x 406

CPM 40

DÉBIT ℓ/min 2 000

PRESSION kPa 6 500

POUVOIR HYDR. /

COÛT JOUR $ 9 129

COÛT CUMUL. $ 292 022

CHRONOLOGIE

RÉPARATION 1½

FORAGE h 19½

ALÉSAGE h

VOYAGE h 2

RELEVES h 1

CIRCULATION h

ENTRETIEN h

REPÊCHAGE h

DIAGRAPHIES h

TESTS h

COFFRAGE, CIMENT h

ACTIVITES PRÉCÉDENTES

Réparé un bris de la foreuse, recommencé à forer, gicleur bouché, sorti les tiges réentré et foré jusqu'à 278m.

SOQUIP

RAPPORT JOURNALIER DE FORAGE

PUITS : SOQUIP BLANCHET # 1

DATE : 1979-07-18 FOREUSE No. 6

J. Boudreault

JOUR DE FORAGE : 13

PROFONDEUR m : 212

PROFONDEUR HIER m : 147

AVANCEMENT m : 65

FORMATION : Indian Cove

ACTIVITÉ COURANTE : forage

COFFRAGE : 43m.

Trépan No.	RR 2A		
Grandeur mm	311		
Marque	SEC.		
Modèle	S-88		
Série	612714		
Gicleurs mm	3 x 11,1		
Poids daN	8000/10000		
RPM	60		
Sortie m	-		
Entrée m	105		
Avancement m	107		
Heures	36 3/4		
Taux m/h	2,91		
Condition	forage		

RELEVÉS DE DÉVIATION

DEGRÉ	PROFONDEUR m
1/2	156
3/4	174
3/4	192
1/2	211

PROPRIÉTES DE LA BOUE

TYPE : Gel KCl SS-100 VISCOSITÉ s/ℓ : 44 - 55 pH : 10,5 PE/VP : 1,5

DENSITÉ kg/m³ : 1020 VISC. PLASTIQUE mPa·s : 15 GEL Pa : 38 / 43

GRADIENT kPa/m : 10,1 POINT D'ÉCOUL. Pa : 22 POLYMER kg/m³ : 0,86

VITESSE ANNULAIRE m/min : PERTE D'EAU cm³ : n.c. K⁺ ppm :

VOLUME CIRCULÉ m³ : TEMPS DE CIRCULATION min (fond-surf) : TOTAL :

MATERIEL UTILISÉ

Description	Aujourd'hui	Cumul.	En dépôt
GEL	24	800	160
KCL	20	106	449
NaOH	2	16	27
SS-100	1	3	62
FLR-100 E			
BARITE			
SODA ASH	1	1	3
SAPP	0	0	3

DONNEES HYDRAULIQUES

POMPE No. 2

DIM. mm 203 x 406

CPM 40

DÉBIT ℓ/min 2 000

PRESSION kPa 6 000

POUVOIR HYDR. /

COÛT JOUR $ 9 472

COÛT CUMUL. $ 282 898

CHRONOLOGIE

FORAGE h 22 3/4

ALÉSAGE h

VOYAGE h

RELEVES h 1 1/4

CIRCULATION h

ENTRETIEN h

REPÊCHAGE h

DIAGRAPHIES h

TESTS h

COFFRAGE, CIMENT h

ACTIVITES PRÉCÉDENTES

Foré jusqu'à 212m.

SOQUIP

RAPPORT JOURNALIER DE FORAGE

PUITS : SOQUIP BLANCHET # 1

DATE : 1979-07-17 FOREUSE No. 6

J. Boudreault

JOUR DE FORAGE : 12

PROFONDEUR m : 147

PROFONDEUR HIER m : 105

AVANCEMENT m : 42

FORMATION : Indian Cove

ACTIVITÉ COURANTE : forage

COFFRAGE : 43m.

Trépan No.	RR 2A		
Grandeur mm	311		
Marque	SEC.		
Modèle	S-88		
Série	612714		
Gicleurs mm	3 x 11,1		
Poids daN	8000		
RPM	65		
Sortie m	-		
Entrée m	105		
Avancement m	42		
Heures	14 1/2		
Taux m/h	2,9		
Condition	forage		

RELEVÉS DE DÉVIATION

DEGRÉ	PROFONDEUR m
1/4	120
7/8	138

PROPRIÉTES DE LA BOUE

TYPE : Gel KCl SS-100 VISCOSITÉ s/ℓ : 100 - 80 pH : 11 PE/VP : 2,3

DENSITÉ kg/m³ : 1050 VISC. PLASTIQUE mPa·s : 10 GEL Pa : 25 / 31

GRADIENT kPa/m : 10,4 POINT D'ÉCOUL. Pa : 23 POLYMER kg/m³ : ,63

VITESSE ANNULAIRE m/min : _____ PERTE D'EAU cm³ : n.c. K⁺ ppm : _____

VOLUME CIRCULÉ m³ : _____ TEMPS DE CIRCULATION min (fond-surf.) : _____ TOTAL : _____

MATERIEL UTILISÉ

Description	Aujourd'hui	Cumul.	En dépôt
GEL	36	776	184
KCL	80	86	469
NaOH	2	14	29
SS-100	2	2	63
FLR-100 E			
BARITE			
Soda Ash	1	1	3
SAPP	0	0	3

DONNEES HYDRAULIQUES

POMPE No. 2

DIM. mm 203 x 406

CPM 40

DÉBIT ℓ/min _____

PRESSION kPa 6700

POUVOIR HYDR. __/__

COÛT JOUR $ 10,145

COÛT CUMUL. $ 273,426

CHRONOLOGIE

ATTENTE: 2 h

FORAGE h 14½

ALÉSAGE h 2

VOYAGE h 4½

RELEVES h 1

CIRCULATION h _____

ENTRETIEN h _____

REPÊCHAGE h _____

DIAGRAPHIES h _____

TESTS h _____

COFFRAGE, CIMENT h _____

ACTIVITES PRÉCÉDENTES

Rencontré le sommet du ciment à 27m. Foré celui-ci, nettoyé et alésé jusqu'à 105m.

Foré jusqu'à 147m.

SOQUIP

RAPPORT JOURNALIER DE FORAGE

PUITS : SOQUIP BLANCHET # 1

DATE : 1979-07-16 FOREUSE No. 6

J. Boudreault

JOUR DE FORAGE : 11

PROFONDEUR m : 105

PROFONDEUR HIER m : 105

AVANCEMENT m : 0

FORMATION :

ACTIVITÉ COURANTE : mise en attente

COFFRAGE : 43m

Trépan No.			
Grandeur mm			
Marque			
Modèle			
Série			
Gicleurs mm			
Poids daN			
RPM			
Sortie m			
Entrée m			
Avancement m			
Heures			
Taux m/h			
Condition			

RELEVÉS DE DÉVIATION

DEGRÉ	PROFONDEUR m

PROPRIÉTES DE LA BOUE

TYPE : VISCOSITÉ s/ℓ : pH : PE/VP :

DENSITÉ kg/m^3 : VISC. PLASTIQUE mPa·s : GEL Pa : /

GRADIENT kPa/m : POINT D'ÉCOUL. Pa : POLYMER kg/m^3 :

VITESSE ANNULAIRE m/min : PERTE D'EAU cm^3 : K$^+$ ppm :

VOLUME CIRCULÉ m^3 : TEMPS DE CIRCULATION min (fond-surf.) : TOTAL :

MATERIEL UTILISÉ

Description	Aujourd'hui	Cumul.	En dépôt
GEL	0	740	220
KCL	0	546	549
NaOH	0	12	31
SS-100	0	0	65
FLR-100 E			
BARITE			
SODA ASH			4
SAPP			3

DONNEES HYDRAULIQUES

POMPE No.

DIM. mm

CPM

DÉBIT ℓ/min

PRESSION kPa

POUVOIR HYDR. /

COÛT JOUR $ 2,260

COÛT CUMUL.$ 263,281

CHRONOLOGIE

ATTENTE: 24h.

FORAGE h

ALÉSAGE h

VOYAGE h

RELEVES h

CIRCULATION h

ENTRETIEN h

REPÊCHAGE h

DIAGRAPHIES h

TESTS h

COFFRAGE, CIMENT h

ACTIVITES PRÉCÉDENTES

Mis la foreuse en attente dû au bris de la tête rotative ("swivel")

SOQUIP

RAPPORT JOURNALIER DE FORAGE

PUITS : SOQUIP BLANCHET #1

DATE : 1979-07-15 FOREUSE No. 6

J. Boudreault

JOUR DE FORAGE : 10

PROFONDEUR m : 105

PROFONDEUR HIER m : 105

AVANCEMENT m : 0

FORMATION :

ACTIVITÉ COURANTE : Mise en attente

COFFRAGE : 43m

RELEVÉS DE DÉVIATION

DEGRÉ	PROFONDEUR m

Trépan No.			
Grandeur mm			
Marque			
Modèle			
Série			
Gicleurs mm			
Poids daN			
RPM			
Sortie m			
Entrée m			
Avancement m			
Heures			
Taux m/h			
Condition			

PROPRIÉTES DE LA BOUE

TYPE : VISCOSITÉ s/ℓ : pH : PE/VP :

DENSITÉ kg/m³ : VISC. PLASTIQUE mPa·s : GEL Pa : /

GRADIENT kPa/m : POINT D'ÉCOUL. Pa : POLYMER kg/m³ :

VITESSE ANNULAIRE m/min : PERTE D'EAU cm³ : K⁺ ppm :

VOLUME CIRCULÉ m³ : TEMPS DE CIRCULATION min (fond-surf.) : TOTAL :

MATERIEL UTILISÉ

Description	Aujourd'hui	Cumul.	En dépôt
GEL	0	740	220
KCL	0	546	549
NaOH	0	12	31
SS-100	0	0	65
FLR-100E			
BARITE			
Soda Ash			4
SAPP			3

DONNEES HYDRAULIQUES

POMPE No.

DIM. mm

CPM

DÉBIT ℓ/min

PRESSION kPa

POUVOIR HYDR. /

COÛT JOUR $ 1,950

COÛT CUMUL. $ 261,021

CHRONOLOGIE

ATTENTE: 24 h.

FORAGE h

ALÉSAGE h

VOYAGE h

RELEVES h

CIRCULATION h

ENTRETIEN h

REPÊCHAGE h

DIAGRAPHIES h

TESTS h

COFFRAGE, CIMENT h

ACTIVITES PRÉCÉDENTES

Mis la foreuse en attente dû au bris de la tête rotative ("swivel").

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SOQUIP

RAPPORT JOURNALIER DE FORAGE

PUITS : SOQUIP BLANCHET # 1

DATE : 1979-07-14 FOREUSE No. 6

J. Boudreault

JOUR DE FORAGE : 9

PROFONDEUR m : 105

PROFONDEUR HIER m : 105

AVANCEMENT m : 0

FORMATION :

ACTIVITÉ COURANTE : foreuse en attente

COFFRAGE : 43m.

Trépan No.			
Grandeur mm			
Marque			
Modèle			
Série			
Gicleurs mm			
Poids daN			
RPM			
Sortie m			
Entrée m			
Avancement m			
Heures			
Taux m/h			
Condition			

RELEVÉS DE DÉVIATION

DEGRÉ	PROFONDEUR m

PROPRIÉTES DE LA BOUE

TYPE : VISCOSITÉ s/ℓ : pH : PE/VP :

DENSITÉ kg/m^3 : VISC. PLASTIQUE mPa·s : GEL Pa : /

GRADIENT kPa/m : POINT D'ÉCOUL. Pa : POLYMER kg/m^3 :

VITESSE ANNULAIRE m/min : PERTE D'EAU cm^3 : K$^+$ ppm :

VOLUME CIRCULÉ m^3 : TEMPS DE CIRCULATION min (fond-surf) : TOTAL :

MATERIEL UTILISÉ

Description	Aujourd'hui	Cumul.	En dépôt
GEL	30	740	220
KCL	0	546	549
NaOH	0	12	31
SS-100	0	0	65
FLR-100 E			
BARITE			
Soda Ash			4
SAPP			3

DONNEES HYDRAULIQUES

POMPE No.

DIM. mm

CPM

DÉBIT ℓ/min

PRESSION kPa

POUVOIR HYDR. /

COÛT JOUR $ 2,120

COÛT CUMUL. $ 259,071

CHRONOLOGIE

ATTENTE, h 16

FORAGE h

ALÉSAGE h

VOYAGE h

RELEVES h

CIRCULATION h

ENTRETIEN h

REPÊCHAGE h

DIAGRAPHIES h

TESTS h

COFFRAGE, CIMENT h 8

ACTIVITES PRÉCÉDENTES

Fini l'arrangement des BOP et des lignes de dégazage.

Mis la foreuse en attente dû au bris de la tête rotative ("Swivel").

SOQUIP

RAPPORT JOURNALIER DE FORAGE

PUITS : SOQUIP BLANCHET # 1

DATE : 1979-07-13 FOREUSE No. 6

J. Boudreault

JOUR DE FORAGE : 8

PROFONDEUR m : 105

PROFONDEUR HIER m : 105

AVANCEMENT m : 0

FORMATION : Indian Cove

ACTIVITÉ COURANTE : séchage du ciment

COFFRAGE : 43m

Trépan No.			
Grandeur mm			
Marque			
Modèle			
Série			
Gicleurs mm			
Poids daN			
RPM			
Sortie m			
Entrée m			
Avancement m			
Heures			
Taux m/h			
Condition			

RELEVÉS DE DÉVIATION

DEGRÉ	PROFONDEUR m

PROPRIÉTÉS DE LA BOUE

TYPE : _____ VISCOSITÉ s/ℓ : _____ pH : _____ PE/VP : _____

DENSITÉ kg/m^3 : _____ VISC. PLASTIQUE mPa·s : _____ GEL Pa : _____/_____

GRADIENT kPa/m : _____ POINT D'ÉCOUL. Pa : _____ POLYMER kg/m^3 : _____

VITESSE ANNULAIRE m/min : _____ PERTE D'EAU cm^3 : _____ K$^+$ ppm : _____

VOLUME CIRCULÉ m^3 : _____ TEMPS DE CIRCULATION min (fond-surf.) : _____ TOTAL : _____

MATERIEL UTILISÉ

Description	Aujourd'hui	Cumul.	En dépôt
GEL	30	710	250
KCL	0	6	549
NaOH	1	12	31
SS-100	0	0	65
FLR-100 E			
BARITE			
Soda Ash			4
SAPP			3

DONNEES HYDRAULIQUES

POMPE No. _____

DIM. mm _____

CPM _____

DÉBIT ℓ/min _____

PRESSION kPa _____

POUVOIR HYDR. _____/_____

COÛT JOUR $ 12 431

COÛT CUMUL. $ 256 951

CHRONOLOGIE

FORAGE h _____

ALÉSAGE h _____

VOYAGE h _____

RELEVES h _____

CIRCULATION h _____

ENTRETIEN h _____

REPÊCHAGE h _____

DIAGRAPHIES h _____

TESTS h _____

COFFRAGE, CIMENT h 24

ACTIVITES PRÉCÉDENTES

Séchage du ciment. Couper le coffrage et souder la casing bowl 12" 3000#.

Installé le Hydrill. Arrangé les lignes de dégazage et mélangé la boue.

SOQUIP

RAPPORT JOURNALIER DE FORAGE

PUITS : SOQUIP Blanchet # 1

DATE : 1979-07-12 FOREUSE No. 6

J. Boudreault

JOUR DE FORAGE : 7

PROFONDEUR m : 105 (43)

PROFONDEUR HIER m : 105 (34)

AVANCEMENT m : 0 (9)

FORMATION : Indian Cove

ACTIVITÉ COURANTE : Séchage du ciment

COFFRAGE : 43m

Trépan No.	HO #1		
Grandeur mm	445		
Marque	SEC.		
Modèle	boutons		
Série	B-175123		
Gicleurs mm	-		
Poids daN	Var.		
RPM	Var.		
Sortie m	43		
Entrée m	0		
Avancement m	43		
Heures	20		
Taux m/h	2,15		
Condition	bonne		

RELEVÉS DE DÉVIATION

DEGRÉ	PROFONDEUR m

PROPRIÉTES DE LA BOUE

TYPE : Eau - Gel VISCOSITÉ s/ℓ : 120 pH : 9,5 PE/VP : ____

DENSITÉ kg/m³ : 1280 VISC. PLASTIQUE mPa·s : ____ GEL Pa : ____/____

GRADIENT kPa/m : ____ POINT D'ÉCOUL. Pa : ____ POLYMER kg/m³ : ____

VITESSE ANNULAIRE m/min : ____ PERTE D'EAU cm³ : ____ K⁺ ppm : ____

VOLUME CIRCULÉ m³ : ____ TEMPS DE CIRCULATION min (fond-surf.) : ____ TOTAL : ____

MATERIEL UTILISÉ

Description	Aujourd'hui	Cumul.	En dépôt
GEL	10	680	80
KCL	0	6	549
NaOH	0	11	32
SS-100	0	0	65
FLR-100 E			
BARITE			

DONNEES HYDRAULIQUES

POMPE No. 2

DIM. mm 203 x 406

CPM 52

DÉBIT ℓ/min 2800

PRESSION kPa 1500

POUVOIR HYDR. __/__

COÛT JOUR $ 11 691

COÛT CUMUL. $ 244,520

CHRONOLOGIE

FORAGE h ____

ALÉSAGE h 6 3/4

VOYAGE h 4 3/4

RELEVES h ____

CIRCULATION h 2 1/4

ENTRETIEN h ____

REPÊCHAGE h ____

DIAGRAPHIES h ____

TESTS h ____

COFFRAGE, CIMENT h 10 1/

ACTIVITES PRÉCÉDENTES

Alésé jusqu'à 43m. Bris de la tête rotative (roulement à ville et joint étanche). Fait un "dummy trip" et circulé la boue. Mis en place 4 sections de coffrage 340mm, 91 kg/m, K-55 buttress à 43m sans sabot de guidage. Cimenté avec 1.6m³ d'eau suivi de 7.27 tonnes de ciment de type G - 1%$CaCl_2$ (densité moyenne: 1860kg/m³. Déplacé avec 2.4m³ d'eau fraîche

Séchage du ciment.

SOQUIP

RAPPORT JOURNALIER DE FORAGE

PUITS : SOQUIP BLANCHET # 1

DATE : 1979-07-11 FOREUSE No. 6

J. Boudreault

JOUR DE FORAGE : 6

PROFONDEUR m : 105 (34)

PROFONDEUR HIER m : 90 (0)

AVANCEMENT m : 15 (34)

FORMATION : Indian Cove

ACTIVITÉ COURANTE : Alésage

COFFRAGE :

Trépan No.	2A	HU #1	
Grandeur mm	311	445	
Marque	SEC.	SEC.	
Modèle	S-88	bouton	
Série	612714	B 17-5123	
Gicleurs mm	-	-	
Poids daN	9 - 10	var.	
RPM	55		
Sortie m	105	0	
Entrée m	41	0	
Avancement m	64	34	
Heures	34	11	
Taux m/h	1,88	3,09	
Condition	2-1-1	Alésage	

RELEVÉS DE DÉVIATION

DEGRÉ	PROFONDEUR m
½	103

PROPRIÉTES DE LA BOUE

TYPE : Eau - gel - caustic VISCOSITÉ s/ℓ : 100 - 160 pH : 10,5 PE/VP :

DENSITÉ kg/m³ : 1090 VISC. PLASTIQUE mPa·s : GEL Pa : /

GRADIENT kPa/m : 10,8 POINT D'ÉCOUL. Pa : POLYMER kg/m³ :

VITESSE ANNULAIRE m/min : PERTE D'EAU cm³ : K⁺ ppm :

VOLUME CIRCULÉ m³ : TEMPS DE CIRCULATION min (fond-surf) : TOTAL :

MATERIEL UTILISÉ

Description	Aujourd'hui	Cumul.	En dépôt
GEL	87	670	90
KCL	0	6	549
NaOH	1	11	32
SS-100	0	0	65
FLR-100 E			
BARITE			

DONNEES HYDRAULIQUES

POMPE No. 2

DIM. mm 203 x 406

CPM 52

DÉBIT ℓ/min 2800

PRESSION kPa 1500

POUVOIR HYDR. /

COÛT JOUR $ 13 494

COÛT CUMUL. $ 239 829

CHRONOLOGIE

FORAGE h 4 3/4

ALÉSAGE h 11

VOYAGE h 6

RELEVES h 1/4

CIRCULATION h 2

ENTRETIEN h

REPÊCHAGE h

DIAGRAPHIES h

TESTS h

COFFRAGE, CIMENT h

ACTIVITES PRÉCÉDENTES

Foré jusqu'à 105 m. Commencé à sortir: apparition de retombées. Augmenté viscosité à 120. Sorti, Enlevé trépan et masse-tige carrée. Placé l'aléseur de 445mm. Alésé jusqu'à 34m.

SOQUIP

RAPPORT JOURNALIER DE FORAGE

PUITS : SOQUIP BLANCHET # 1

DATE : 1979-07-10 FOREUSE No. 6

J. Boudreault

JOUR DE FORAGE : 5

PROFONDEUR m : 90

PROFONDEUR HIER m : 47

AVANCEMENT m : 43

FORMATION : Indian Cove

ACTIVITÉ COURANTE : forage

COFFRAGE :

Trépan No.	2A		
Grandeur mm	311		
Marque	SEC		
Modèle	S88		
Série	612714		
Gicleurs mm	-		
Poids daN	9000		
RPM	55		
Sortie m	-		
Entrée m	41		
Avancement m	49		
Heures	29½		
Taux m/h	1,7		
Condition	forage		

RELEVÉS DE DÉVIATION

DEGRÉ	PROFONDEUR m
½	65
½	83

PROPRIÉTES DE LA BOUE

TYPE : Eau Gel VISCOSITÉ s/ℓ : 50 pH : 9,5 PE/VP :

DENSITÉ kg/m³ : 1020 VISC. PLASTIQUE mPa·s : GEL Pa : /

GRADIENT kPa/m : 10,1 POINT D'ÉCOUL. Pa : POLYMER kg/m³ :

VITESSE ANNULAIRE m/min : PERTE D'EAU cm³ : K⁺ ppm :

VOLUME CIRCULÉ m³ : TEMPS DE CIRCULATION min (fond-surf) : TOTAL :

MATERIEL UTILISÉ

Description	Aujourd'hui	Cumul.	En dépôt
GEL	60	583	177
KCL	0	6	489
NaOH	1	10	16
SS-100			65
FLR-100 E			
BARITE			

DONNEES HYDRAULIQUES

POMPE No. 2

DIM. mm 406 x 203

CPM 60

DÉBIT ℓ/min

PRESSION kPa 1500

POUVOIR HYDR. /

COÛT JOUR $ 9 251

COÛT CUMUL. $ 219,335

CHRONOLOGIE

FORAGE h 22½

ALÉSAGE h

VOYAGE h

RELEVES h 1½

CIRCULATION h

ENTRETIEN h

REPÊCHAGE h

DIAGRAPHIES h

TESTS h

COFFRAGE, CIMENT h

ACTIVITES PRÉCÉDENTES

Foré jusqu'à 90 mètres.

SOQUIP

RAPPORT JOURNALIER DE FORAGE

PUITS : SOQUIP Blanchet # 1

DATE : 1979-07-09 FOREUSE No. 6

J. Boudreault

JOUR DE FORAGE : 4

PROFONDEUR m : 47

PROFONDEUR HIER m : 25

AVANCEMENT m : 22

FORMATION : Indian Cove

ACTIVITÉ COURANTE : forage

COFFRAGE :

Trépan No.	1A	2A	
Grandeur mm	311	311	
Marque	SEC	SEC	
Modèle	S33	S88	
Série	555975	612714	
Gicleurs mm	-	-	
Poids daN	5000	7000	
RPM	55	55	
Sortie m	41	-	
Entrée m	0	41	
Avancement m	41	6	
Heures	45	6 3/4	
Taux m/h	0,91	0,89	
Condition	4-1-2	forage	

RELEVÉS DE DÉVIATION

DEGRÉ	PROFONDEUR m
½	36
½	46

PROPRIÉTES DE LA BOUE

TYPE : eau gel VISCOSITÉ s/ℓ : 50/60 pH : 9,5 PE/VP :

DENSITÉ kg/m³ : 1020 VISC. PLASTIQUE mPa·s : GEL Pa : /

GRADIENT kPa/m : 10,1 POINT D'ÉCOUL. Pa : POLYMER kg/m³ :

VITESSE ANNULAIRE m/min : PERTE D'EAU cm³ : K⁺ ppm :

VOLUME CIRCULÉ m³ : TEMPS DE CIRCULATION min (fond-surf.) : TOTAL :

MATERIEL UTILISÉ

Description	Aujourd'hui	Cumul.	En dépôt
GEL	60	523	237
KCL	0	6	489
NaOH	3	9	17
SS-100	-	-	65
FLR-100 E			
BARITE			

DONNEES HYDRAULIQUES

POMPE No. 2

DIM. mm 406 x 203

CPM 60

DÉBIT ℓ/min

PRESSION kPa 300

POUVOIR HYDR. /

COÛT JOUR $ 13 321

COÛT CUMUL. $ 210,084

CHRONOLOGIE

FORAGE h 18 3/4

ALÉSAGE h 2

VOYAGE h 2

RELEVES h 1 1/4

CIRCULATION h

ENTRETIEN h

REPÊCHAGE h

DIAGRAPHIES h

TESTS h

COFFRAGE, CIMENT h

ACTIVITES PRÉCÉDENTES

Foré jusqu'à 41m. Sorti la tige, changer le trépan, réentré, alésé et foré jusqu'à 47m.

SOQUIP

RAPPORT JOURNALIER DE FORAGE

PUITS : SOQUIP BLANCHET # 1

DATE : 1979-07-08 FOREUSE No. 6

J. Boudreault

JOUR DE FORAGE : 3

PROFONDEUR m : 25

PROFONDEUR HIER m : 15

AVANCEMENT m : 10

FORMATION : Indian Cove

ACTIVITÉ COURANTE : forage

COFFRAGE :

Trépan No.	1A		
Grandeur mm	311		
Marque	SEC		
Modèle	S33		
Série	555975		
Gicleurs mm	-		
Poids daN	tout		
RPM	70		
Sortie m	-		
Entrée m	0		
Avancement m	25		
Heures	24		
Taux m/h	1,01		
Condition	forage		

RELEVÉS DE DÉVIATION

DEGRÉ	PROFONDEUR m
½	25

PROPRIÉTES DE LA BOUE

TYPE : eau gel VISCOSITÉ s/ℓ : 115 pH : 9,5 PE/VP :

DENSITÉ kg/m³ : 1040 VISC. PLASTIQUE mPa·s : GEL Pa : /

GRADIENT kPa/m : 10,3 POINT D'ÉCOUL. Pa : POLYMER kg/m³ :

VITESSE ANNULAIRE m/min : PERTE D'EAU cm³ : K⁺ ppm :

VOLUME CIRCULÉ m³ : TEMPS DE CIRCULATION min (fond-surf) : TOTAL :

MATERIEL UTILISÉ

Description	Aujourd'hui	Cumul.	En dépôt
GEL	0	463	297
KCL	0	6	489
NaOH	0	6	20
SS-100	0		65
FLR-100 E			
BARITE			

DONNEES HYDRAULIQUES

POMPE No.

DIM. mm

CPM

DÉBIT ℓ/min

PRESSION kPa

POUVOIR HYDR.

COÛT JOUR $ 8 676

COÛT CUMUL. $ 196,763

CHRONOLOGIE

FORAGE h 9

ALÉSAGE h 10

VOYAGE h 5

RELEVES h

CIRCULATION h

ENTRETIEN h

REPÊCHAGE h

DIAGRAPHIES h

TESTS h

COFFRAGE, CIMENT h

ACTIVITES PRÉCÉDENTES

Foré jusqu'à 25m. Sorti les tiges, mis en place la stabilisation, incapable de réentrer dans le trou, enlevé la masse-tige carrée, gardé un NBS et 2 "string stabilizer", alésé jusqu'à 25m, resorti et remis la masse-tige carrée en place, entré dans le trou sans problème et reprise du forage.

SOQUIP

RAPPORT JOURNALIER DE FORAGE

PUITS : SOQUIP Blanchet # 1

DATE : 1979-07-07 FOREUSE No. 6

J. Boudreault

JOUR DE FORAGE : 2

PROFONDEUR m : 15

PROFONDEUR HIER m : 15

AVANCEMENT m : 0

FORMATION : _____

ACTIVITÉ COURANTE : forage

COFFRAGE : _____

Trépan No.	1A		
Grandeur mm	311		
Marque	SEC		
Modèle	S33		
Série	555975		
Gicleurs mm	-		
Poids daN	tout		
RPM	80		
Sortie m	-		
Entrée m	0		
Avancement m	15		
Heures	15		
Taux m/h	1,0		
Condition	forage		

RELEVÉS DE DÉVIATION

DEGRÉ	PROFONDEUR m

PROPRIÉTES DE LA BOUE

TYPE : Gel eau VISCOSITÉ s/ℓ : 350 à 475 pH : 11,0 PE/VP : _____

DENSITÉ kg/m³ : 1030 VISC. PLASTIQUE mPa·s : _____ GEL Pa : _____/_____

GRADIENT kPa/m : 10,02 POINT D'ÉCOUL. Pa : _____ POLYMER kg/m³ : _____

VITESSE ANNULAIRE m/min : _____ PERTE D'EAU cm³ : _____ K⁺ ppm : _____

VOLUME CIRCULÉ m³ : _____ TEMPS DE CIRCULATION min (fond-surf.) : _____ TOTAL : _____

MATERIEL UTILISÉ

Description	Aujourd'hui	Cumul.	En dépôt
GEL	70	463	297
KCL	0	6	489
NaOH	0	6	20
SS-100			65
FLR-100 E			
BARITE			

DONNEES HYDRAULIQUES

POMPE No. _____

DIM. mm _____

CPM _____

DÉBIT ℓ/min _____

PRESSION kPa _____

POUVOIR HYDR. _____/_____

COÛT JOUR $ 13 081

COÛT CUMUL. $ 188 087

CHRONOLOGIE

FORAGE h 24

ALÉSAGE h _____

VOYAGE h _____

RELEVES h _____

CIRCULATION h _____

ENTRETIEN h _____

REPÊCHAGE h _____

DIAGRAPHIES h _____

TESTS h _____

COFFRAGE, CIMENT h _____

ACTIVITES PRÉCÉDENTES

Fini de forer le "rat hole" et foré le "mouse hole", utilisant le "tower tong".

Avancement très lent.

SOQUIP

RAPPORT JOURNALIER DE FORAGE

PUITS : SOQUIP Blanchet no. 1

DATE : 1979-07-06 FOREUSE No. 6
Jean Boudreault

JOUR DE FORAGE : 1

PROFONDEUR m : 15

PROFONDEUR HIER m : 2

AVANCEMENT m : 13

FORMATION :

ACTIVITÉ COURANTE : Forage du rat hole

COFFRAGE :

Trépan No.	1A		
Grandeur mm	311		
Marque	SEC		
Modèle	533		
Série	553 75		
Gicleurs mm	-		
Poids daN	tout		
RPM	80		
Sortie m			
Entrée m	0		
Avancement m	15		
Heures	15		
Taux m/h	1		
Condition	Forage		

RELEVÉS DE DÉVIATION

DEGRÉ	PROFONDEUR m

PROPRIÉTES DE LA BOUE

TYPE : Eau-Gel VISCOSITÉ s/ℓ : 200 pH : 11.5 PE/VP :

DENSITÉ kg/m³ : VISC. PLASTIQUE mPa·s : GEL Pa : /

GRADIENT kPa/m : POINT D'ÉCOUL. Pa : POLYMER kg/m³ :

VITESSE ANNULAIRE m/min : PERTE D'EAU cm³ : K⁺ ppm :

VOLUME CIRCULÉ m³ : TEMPS DE CIRCULATION min (fond-surf.) : TOTAL :

MATERIEL UTILISÉ

Description	Aujourd'hui	Cumul.	En dépôt
GEL	123	393	367
KCL	6	6	239
NaOH	2	6	2
SS-100			65
FLR-100 E			
BARITE			

DONNEES HYDRAULIQUES

POMPE No.

DIM. mm

CPM

DÉBIT ℓ/min

PRESSION kPa

POUVOIR HYDR. /

COÛT JOUR $ 10 549

COÛT CUMUL. $ 175 006

CHRONOLOGIE

FORAGE h du rat hole: 12

ALÉSAGE h

VOYAGE h

RELEVES h

CIRCULATION h

ENTRETIEN h

REPÊCHAGE h

DIAGRAPHIES h

TESTS h

COFFRAGE, CIMENT h

ACTIVITES PRÉCÉDENTES

Foré jusqu'à 15 m. Commencé à forer le rat hole avec les power tongs. Avancement très lent.

SOQUIP

RAPPORT JOURNALIER DE FORAGE

PUITS : SOQUIP Blanchet no. 1

DATE : 1979-07-05 FOREUSE No. 6

Jean Boudreault

JOUR DE FORAGE : 0

PROFONDEUR m : 2

PROFONDEUR HIER m : 0

AVANCEMENT m : 2

FORMATION :

ACTIVITÉ COURANTE : Forage

COFFRAGE :

Trépan No.	1A		
Grandeur mm	311		
Marque	SEC.		
Modèle	S33		
Série	55975		
Gicleurs mm			
Poids daN			
RPM			
Sortie m			
Entrée m	0		
Avancement m	2		
Heures	3		
Taux m/h	0,66		
Condition			

RELEVÉS DE DÉVIATION

DEGRÉ	PROFONDEUR m

PROPRIÉTES DE LA BOUE

TYPE : Eau-gel VISCOSITÉ s/ℓ : 135 pH : PE/VP :

DENSITÉ kg/m³ : 1030 VISC. PLASTIQUE mPa·s : GEL Pa : /

GRADIENT kPa/m : 10,2 POINT D'ÉCOUL. Pa : POLYMER kg/m³ :

VITESSE ANNULAIRE m/min : PERTE D'EAU cm³ : K⁺ ppm :

VOLUME CIRCULÉ m³ : TEMPS DE CIRCULATION min (fond-surf.) : TOTAL :

MATERIEL UTILISÉ

Description	Aujourd'hui	Cumul.	En dépôt
GEL	270	270	490
KCL			245
NaOH	4	4	?
SS-100	0	0	65
FLR-100 E			
BARITE			
Quick seal			7

DONNEES HYDRAULIQUES

POMPE No.

DIM. mm

CPM

DÉBIT ℓ/min

PRESSION kPa

POUVOIR HYDR. /

COÛT JOUR $ 107 136

COÛT CUMUL.$ 164 457

CHRONOLOGIE

FORAGE h 3

ALÉSAGE h

VOYAGE h

RELEVES h

CIRCULATION h

ENTRETIEN h

REPÊCHAGE h

DIAGRAPHIES h

TESTS h

COFFRAGE, CIMENT h

ACTIVITES PRÉCÉDENTES

Mélangez le gel et étanché la perte de circulation à travers le cellar. Spud à 5:00 am le 1979-07-05

7- APPENDICES

6) Résultats détaillés des essais aux tiges

FORM 112-1-78/6

LYNES UNITED SERVICES LTD.

TEST DATA					GENERAL INFORMATION			
Test No.	1	Lynes Test	1					
Formation	Forillon	T.D.	1332.00	m	Company	Soquip		
Interval Tested	935.00 m to		955.00	m	Address	3340 Dela Perade		
Interval Tested	20.00 m	Net Pay Tested		m		Ste. Foy, Quebec		
Type of Test	Inflate Straddle							
Cushion		Amount		m	Well Name	SOQUIP BLANCHET NO 1		
Started in Hole at	1900 Hrs.	Tool Open at	2140	Hrs.	Well Number	Lat.-5000426600N, Long.-366900E Zone 20		
Pre-Flow	15 Mins.	Initial Shut-in	60	Mins.	K.B. Elevation	167.70 m	Ground Elevation	154.00 m
2nd Flow	Mins.	Second Shut-in		Mins.	Area	Gaspé	Province	Quebec
3rd Flow	Mins.	Third Shut-in		Mins.	Company Rep.	Y. Tessier		
Final Flow	120 Mins.	Final Shut-in	240	Mins.	Tester	N. Westlund		
Blow: Description	Weak air blow increasing to fair on preflow, no gas to surface.				Contractor	Regent	Rig No.	6
	Fair air blow decreasing slightly on valve opening, no gas to surface.				Ticket No.	32756	Date 79 yr. 08 mo. 08 day	
					Service Reports To:	5 above address		

MUD HOLE DATA	
Hole Condition at Test Time:	
Excellent ☐ Good ☒ Fair ☐ Poor ☐	
Caliper Log Run Prior to Test: Yes ☒ No ☐	
Calipered Hole Size at Test Depth	220.0 mm Max. mm
Hole Conditioned Prior to Test: Yes ☒ No ☐	
Mud Type	Gel Chemical
Weight 1020 kg/m³ Viscosity	55 S/L Water Loss cm³
Filter Cake	1.6 mm Bottom Hole Temperature 8.47 °C
Drill Pipe Size	114.3 XH mm Weight 24.70 kg/m
Drill Collars	127.0 H90 I.D. 73.0 mm Run 155.38 m
Drill Collars	I.D. mm Run m
Main Hole or Casing Size	216.0 mm
Rathole or Liner Size	No. of m
Bottom Hole Choke Size	25.4 mm
Surface Choke Size	mm
Packer Rubber Size	194.0 mm 1.83 m

GAS BLOW MEASUREMENTS			
Measured with			
Time	Surface Choke mm	Reading MPa/mm	m³/d

REMARKS: Test results indicate low permeability within the interval tested.

Oil company's drilling jars ran above test tool.

RECOVERY

TOTAL FLUID RECOVERED 34.00 m

34.00 m of drilling fluid.

m of

m of

m of

Test was/was not Reverse Circulated: was not

Oil Recovery A.P.I. Water: Specific Gravity

Salinity Gas: Specific Gravity

GAS BOMB # Sent To:

No. of Fluid Samples Taken 6 Sent To: Soquip

BOTTOM HOLE SAMPLER No. Sent To:

NUMBER KEY:

1 - INITIAL HYDROSTATIC | 3 - INITIAL SHUT-IN | 4b - 2nd FINAL FLOW | 5 - 3rd INITIAL FLOW | 7 - FINAL SHUT-IN

2 - PRE-FLOW | 4a - 2nd INITIAL FLOW | 4c - 2nd SHUT-IN | 6 - FINAL FLOW | 8 - FINAL HYDROSTATIC

Soquip

SOQUIP BLANCHET NO1 Lat.-5000426600N, Long.-366900E Zone 20

WELL NAME AND DESCRIPTION

1

TEST NO.

79 08 08

DATE OF TEST

WELL NAME: SOQUIP BLANCHET NO.1 ZONE 20

WELL LOCATION: 50.004 / 036.900

DST NUMBER: 001

RECORDER NUMBER: 009740

INTERVAL TESTED: 935M TO 955M

RECORDER DEPTH: 936.000M

TOTAL FLOW TIME: 15.0MIN

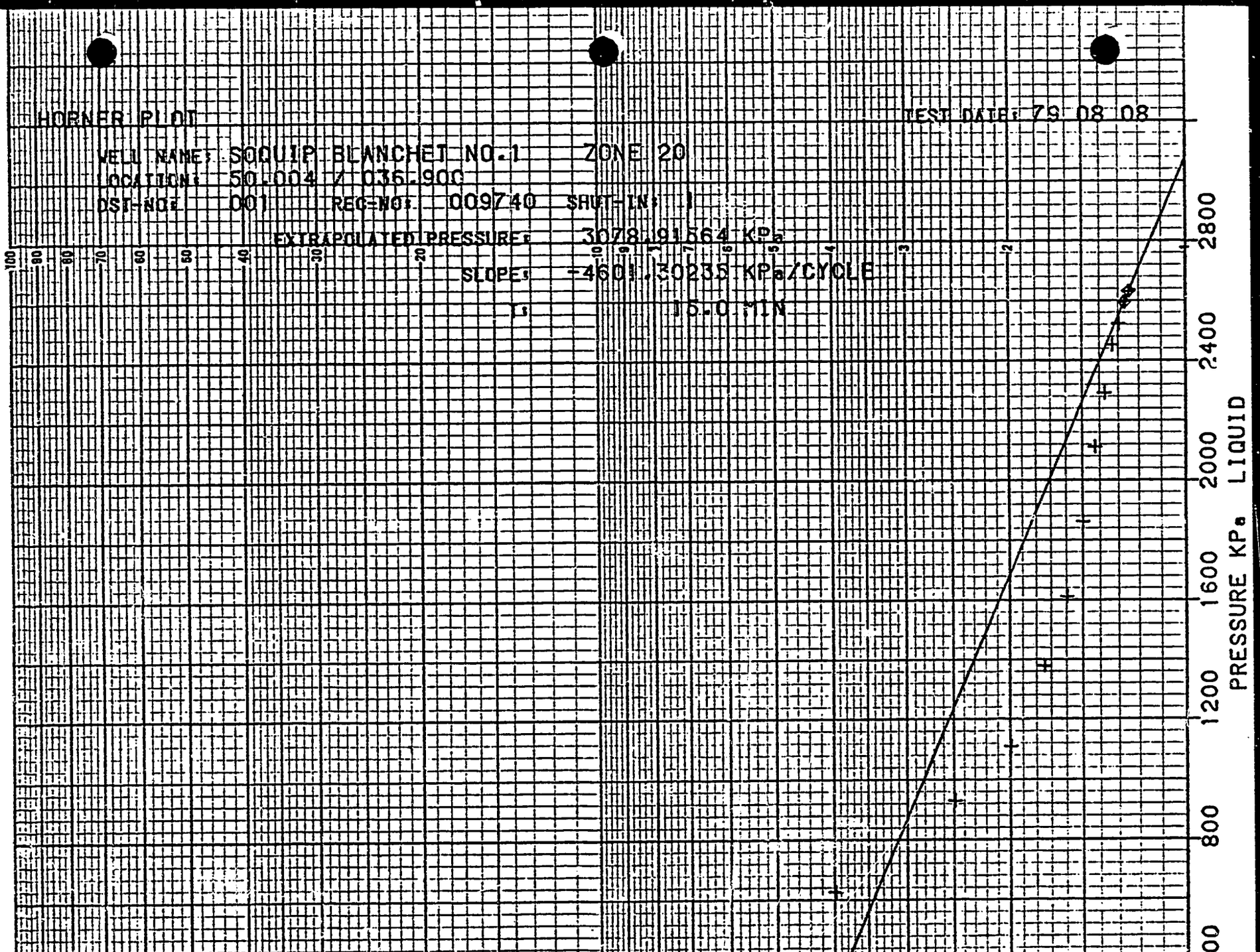
FIRST SHUT IN PRESSURE (LIQUID)

TIME (MIN) PHI	(T+PHI) /PHI	PRESSURE (KPA)	
.0	.0000	430.0	
5.0	4.0000	627.0	
10.0	2.5000	931.0	
15.0	2.0000	1110.0	
20.0	1.7500	1379.0	
25.0	1.6000	1612.0	
30.0	1.5000	1863.0	
35.0	1.4286	2113.0	
40.0	1.3750	2293.0	
45.0	1.3333	2454.0	
50.0	1.3000	2525.0	
55.0	1.2727	2597.0	*
60.0	1.2500	2633.0	*

* VALUES USED IN HORNER ANALYSIS

SLOPE: 4601.30235 KPA/CYCLE

EXTRAPOLATED PRESSURE: 3078.9 KPA



Microfilmé par: Service de la gestion des documents MER 1979 Réduction 25X

WELL NAME: SOQUIP BLANCHET NO.1 ZONE 20

WELL LOCATION: 50.004 / 036.900

DST NUMBER: 001

RECORDER NUMBER: 009740

INTERVAL TESTED: 935M TO 955M

RECORDER DEPTH: 936.000M

TOTAL FLOW TIME: 135.0MIN

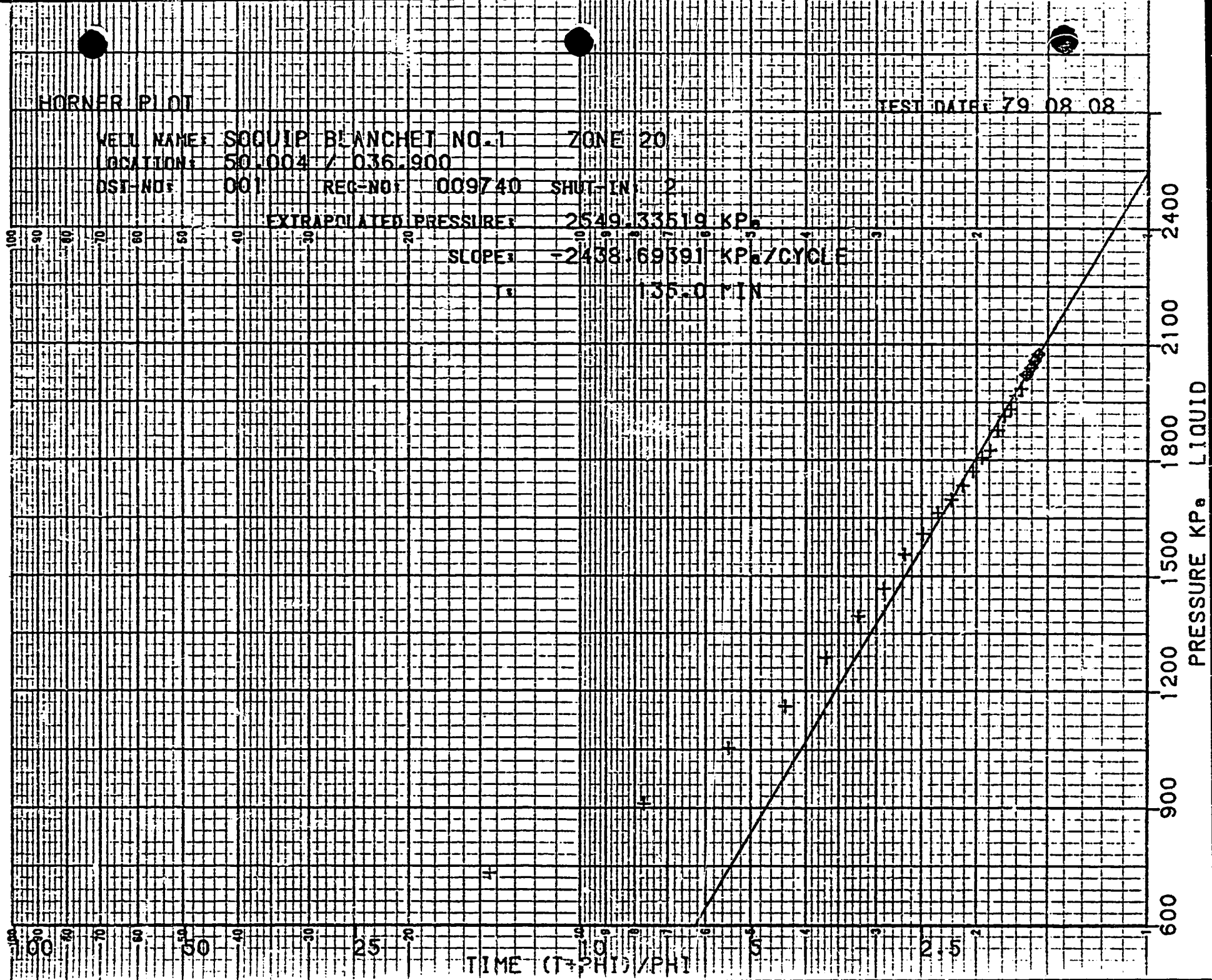
SECOND SHUT IN PRESSURE (LIQUID)

TIME (MIN) PHI	(T+PHI) /PHI	PRESSURE (KPA)	
.0	.0000	627.0	
10.0	14.5000	734.0	
20.0	7.7500	913.0	
30.0	5.5000	1057.0	
40.0	4.3750	1164.0	
50.0	3.7000	1289.0	
60.0	3.2500	1397.0	
70.0	2.9286	1469.0	
80.0	2.6875	1558.0	
90.0	2.5000	1612.0	
100.0	2.3500	1666.0	
110.0	2.2273	1701.0	
120.0	2.1250	1737.0	
130.0	2.0385	1773.0	
140.0	1.9643	1809.0	
150.0	1.9000	1827.0	
160.0	1.8438	1880.0	
170.0	1.7941	1916.0	
180.0	1.7500	1934.0	
190.0	1.7105	1970.0	
200.0	1.6750	1988.0	
210.0	1.6429	2024.0	*
220.0	1.6136	2042.0	*
230.0	1.5870	2060.0	*
240.0	1.5625	2077.0	*

* VALUES USED IN HORNER ANALYSIS

SLOPE: 2438.69391 KPA/CYCLE

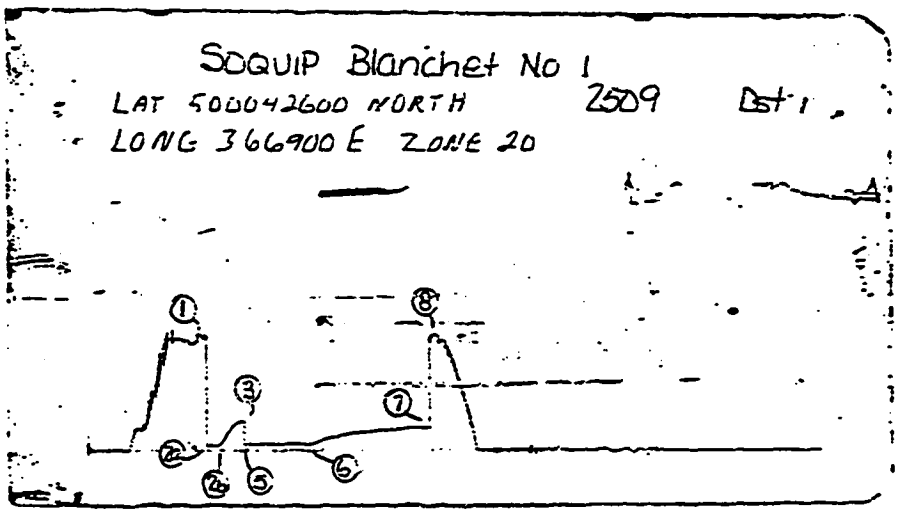
EXTRAPOLATED PRESSURE: 2549.3 KPA


HORNER PLOT
TEST DATE: 79 08 08
WELL NAME: SOQUIP BLANCHET NO. 1 ZONE 20
LOCATION: 50.004 / 036.900
DST-NO: 001 REC-NO: 009740 SHUT-IN: 2
EXTRAPOLATED PRESSURE: 2549.33519 KPa
SLOPE: -2438.69391 KPa/CYCLE
t: 135.0 MIN
PRESSURE KPa LIQUID
2400
2100
1800
1500
1200
900
600
100
50
25
10
5
2.5
TIME (T+PHI)/PHI

Name SOQUIP BLANCHET NO 1

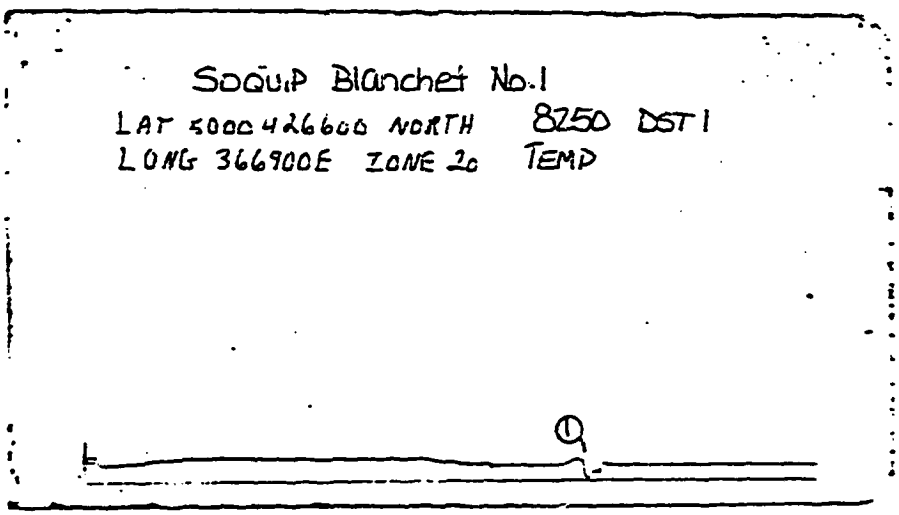
Location - Lat.-5000426600N, Long.-366900E Zone 20

DST # 1



Inside ____ Outside X
Recorder No. 2509
Capacity 37 921 kPa
Depth 936.00 m

1	10 538
2a	406
2b	423
3	2 686
4a	
4b	
4c	
5	558
6	592
7	2 079
8	10 424



Inside ____ Outside X
Recorder No. 8250 T
Capacity 4.44-119.44 °C
Depth 936.00 m

1	
2a	
2b	8.47 °C
3	
4a	
4b	
4c	
5	
6	
7	
8	

Inside ____ Outside ____
Recorder No. ____
Capacity ____ kPa
Depth ____ m

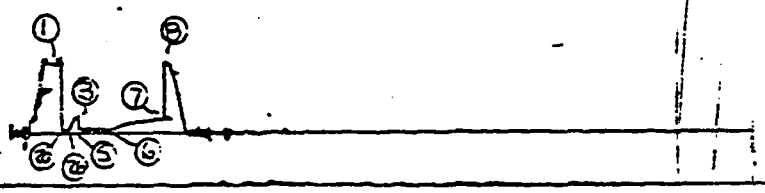
1	
2a	
2b	
3	
4a	
4b	
4c	
5	
6	
7	
8	

Name SOQUIP
BLANCHET NO 1

Location - Lat.-5000426600N, Long.-366900E Zone 20

DST # 1

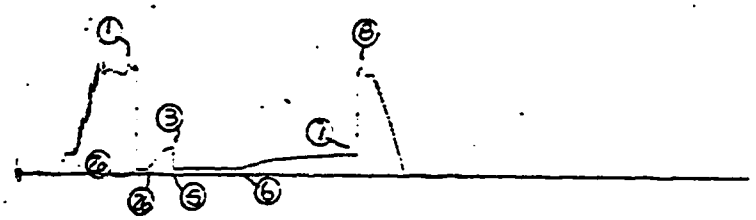
SOQUIP Blanchet No. 1
LAT 5000426600 NORTH
LONG 366900E ZONE 20
6433 DST 1
Above Straddle



Inside X Outside
Recorder No. 6433
Capacity 61 708 kPa
Depth 924.00 m

1	9 740
2a	594
2b	413
3	2 453
4a	Above
4b	Straddle
4c	
5	826
6	568
7	1 937
8	9 560

SOQUIP Blanchet No. 1
LAT 5000426600 NORTH
LONG 366900 E ZONE 20
9410 DST 1



Inside Outside X
Recorder No. 9740
Capacity 42 403 kPa
Depth 936.00 m

1	10 500
2a	752
2b	430
3	2 633
4a	
4b	
4c	
5	573
6	627
7	2 077
8	10 377

Inside Outside
Recorder No.
Capacity kPa
Depth m

1	
2a	
2b	
3	
4a	
4b	
4c	
5	
6	
7	
8	

CANADA

SOQUIP BLANCHET No.1

601

MONTS CHIC CHOC

LES NOTRE-DAME

MONT SERPENTINE

BLANCHET TP

GALT TP

BAIE DE GASPE SUD TP

Rivière Dartmouth

Rivière Gaspé

Rivière Watering

Lac du Lézard

Ruisseau Pas de Dame

Ruisseau Blanchet

Ruisseau Caribou

Ruisseau Cyprien

Ruisseau Duffy

Ruisseau Kenny

Ruisseau Turnbull

Ruisseau Gaulin

Ruisseau Saumon

Ruisseau Trait

Ruisseau Brûlé

Ruisseau Bronze

Ruisseau Perdu

Ruisseau Fork

Ruisseau Hole

Ruisseau Salmon

Ruisseau Arbeau

Gravel Pit

LEGEND

Chemin d'accès

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

DATE: 26 NOV 1979

No. G.M.: 35463

NTS 22 A/15

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:

. SOQUIP - BLANCHET #1

(Nom & numéro du puits)

Société Québécoise d'Initiatives Pétrolières

(Nom & adresse du propriétaire du puits)

Sur le lot no Forêt Domaniale — Rang -- Canton Blanchet

ou comté de Gaspé — Paroisse --

Permis 601 ( ) no

couvert par bail ( ) no

Le puits proposé sera situé à U.T.M. Zone 20, 5,426600 m.N., 366,900 m.E. APPROX.
(coordonnées appropriées)

Altitude du terrain 410 m. (1350 pieds) au dessus du niveau de la mer

Type d'appareil de forage Rotatif — neuf ou usagé usagé

TUBAGE:	Diamètre	Poids	Grade	Marque	Neuf ou usagé	Profondeur en pieds	Sacs de ciment
1er	13-3/8	48 lbs	H-40	Mannesmann	Neuf	200'	100% excéd.
2ième	9-5/8	32 lbs	H-40	Mannesmann	Neuf	600'	20% excéd.
3ième	5-1/2	15.5 & 17 lbs.	K-55	Algoma	Neuf	5000'	--
4ième							
5ième							

Horizons d'eau, de pétrole et de gaz naturel et méthode de contrôle anticipée:
Des obturateurs à pression seront posés sur la tête de putis pendant le forage.

Le puits sera foré par REGENT DRILLING
(Nom du contracteur)

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

Mario Sanchez,
3340 de la Pérade, Ste-Foy, G1X 2L7

Nom de l'exploitant:

SOQUIP
3340 de la Pérade, Ste-Foy, G1X 2L7
Signé par Jean R. Gagnon
JEAN R. GAGNON
Titre Chef du Domaine Minier
Date 22 juin 1978

Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Documentation Technique
DATE: 9 NOV. 1978
35463

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

APPROUVE

Permis no 96 ~~93~~ (Gaspésie)

Cette demande a été examinée et approuvée sous la réserve des conditions suivantes:
Voir lettre du 3 juillet 1978.

Date 3 Juillet 1978

Ministère des Richesses Naturelles

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

09319

Rig No. 6 | Well Name BLANCHETTE # 1 | Location C-25-F | Report Number

Pump No. 1 ▶ Liner Size mm | Stroke Length mm | Pump No. 2 ▶ Type | Liner Size | Stroke Length mm

Date: Year 77 Month 6 Day 27 | Rig No. 6

I ACKNOWLEDGE HAVING WORKED THESE HOURS DURING THIS TIME I RECEIVED NO INJURY

(EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT) IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

TOUR 1 00:00 - 08:00

	Time Start	Time Stop	Intvl
- TRUCKS	:	:	•
	:	:	•
LOAD UP	:	:	•
	:	:	•
R76	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•

Driller T. ASTLE 12
Derrick J. CANUEL 8
Motor DOUG. PATTERSON 16
Floor G. JEAN 10
Floor ROGER PATTERSON 10
Floor
Other
Other

Boiler In Use? Hrs. | Camp In Use? Hrs. | BOP Drill Yes No | Driller's Signature

INJURIES - COMPLETE BELOW

TOUR 2 08:00 - 16:00

- TRUCKS	:	:	•
	:	:	•
LOAD	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•

Driller ED DONAHOE 13
Derrick J.M. MORIN 13
Motor L. TURRIFF 13
Floor J. MORRISSETTE 13
Floor P. DESTAROTUS 13
Lease
Mechanic C. BLANCHETTE 16
Other

Boiler In Use? Hrs. | Camp In Use? Hrs. | BOP Drill Yes No | Driller's Signature

INJURIES - COMPLETE BELOW

TOUR 3 16:00 - 24:00

- TRUCKS	:	:	•
	:	:	•
UNLOAD	:	:	•
	:	:	•
RIG UP	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•

Driller T. TURRIFF 16
Derrick JACQUES DUREAU 12
Motor DAN. PATTERSON 13
Floor BOYD COFFIN 10
Floor GERARD TRUDEL 10
Floor
Other
Other

Boiler In Use? Hrs. | Camp In Use? Hrs. | BOP Drill Yes No | Driller's Signature

INJURIES - COMPLETE BELOW

Position | Tour # | Signature | Hrs.

Toolpusher's Approval

SAFETY TALKS
Given By: Subject
Given By: Subject

BITS

No.	Size mm	Type	Jets mm	Serial No.	Force daN	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G

Drilling Assembly (At End of Tour)

No.		Metres
Bit		m
		m
		m
		m
		m
		m
		m
		m
		m
Stands DC		m
Singles DC		m
Stands DP		m
Singles DP		m
Kelly Down		m
Total		m

Force of String daN

MUD

	00:00	02:00	04:00	08:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg

Remarks

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours: 1 2 3 4 5 6

Next Oil Change

Surveys: Depth m ° | Depth m °

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ?

Drill'g Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped (m) | Cut | Next Slip | Temp. | Weather | Roads

MUD

	08:00	10:00	12:00	14:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg

Remarks

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours: 1 2 3 4 5 6

Next Oil Change

Surveys: Depth m ° | Depth m °

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ?

Drill'g Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped (m) | Cut | Next Slip | Temp. | Weather | Roads

MUD

	16:00	18:00	20:00	22:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg

Remarks

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours: 1 2 3 4 5 6

Next Oil Change

Surveys: Depth m ° | Depth m °

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ?

Drill'g Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped (m) | Cut | Next Slip | Temp. | Weather | Roads

BOPS	Tested Minutes	Tested Pressure kPa	Checked Open & Close
Hydril			
Pipe Rams			
Blind Rams			

CASING: Ran JTS CSG | To K.B. Used Sx | Cem Plus % | Plug Down @ hrs | m³ Returns

Fuel @ 00:00 | Fuel Rec'd Today | Total | Fuel @ 23:59 | Fuel Used

Equipment Transfers (including Rentals): To / From | Trans #

Approved by Operator's Representative: Jean Boudreault

Approved by Toolpush: D. Lundgren

CONSERVATION BOARD COPY NOTE: PLEASE SHOW METRES MADE DURING CONTROLLED DRILLING AS WELL AS HOURS

Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Documentation Technique
DATE: 2 9 NOV. 1979
No. G.M. 35463

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

09320

Rig No. 6 Well Name BLANCHETTE # 1

Pump No. 1 ▶ Type Liner Size mm Stroke Length mm
Pump No. 2 ▶ Type Liner Size mm Stroke Length mm
Location GASPE

Report Number

Date: Year 74 Month 6 Day 28 | Rig No. 6

I ACKNOWLEDGE HAVING WORKED THESE HOURS DURING THIS TIME I RECEIVED NO INJURY

(EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT) IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

From	To	Metres

BITS

No.	Size mm	Type	Jets mm	Serial No.	Force daN	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G

Drilling Assembly (At End of Tour)

No.		
	Bit	m
		m
		m
		m
		m
		m
		m
	Stands DC	m
	Singles DC	m
	Stands DP	m
	Singles DP	m
	Kelly Down	m
	Total	m

Force of String daN

MUD	00:00	02:00	04:00	06:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours	Next Oil Change
1	
2	
3	
4	
5	
6	

Remarks

SURVEYS: Depth m ° | Depth m °

Crown Stopper Checked? | Reset? | Kelly Cock Checked? | Rig Savers Checked?

Drill'g Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped (m) | Cut | Next Slip | Temp. | Weather | Roads

Boiler In Use? Hrs. | Camp In Use? Hrs. | BOP Drill Yes / No | Driller's Signature

Time	Start	Stop	Intvl
TRUCKS	:	:	.
	:	:	.
	:	:	.
UNLOAD RIG UP	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.

TOUR ① 00:00 - 08:00 Hrs.

Driller	T. BEELE	11
Derrick	J. CANUEL	8
Motor	DOUG PATTERSON	16
Floor	G. JEAN	11
Floor	ROGER PATTERSON	11
Floor		
Other		
Other		

INJURIES - COMPLETE BELOW

TOUR ② 08:00 - 16:00 Hrs.

Driller	ED DONAHOE	12
Derrick	J.M. MORIN	12
Motor	L. TURRIFF	12
Floor	J. MORESSETTE	12
Floor	P. DESJARDINS	12
Lease	E & F	
Mechanic	C. BLANCHETTE	12
Other		

INJURIES - COMPLETE BELOW

TOUR ③ 16:00 - 24:00 Hrs.

Driller	T. TURRIFF	16
Derrick	JACQUES DUPUY	16
Motor	DAN MCPHERSON	11
Floor	BOYD COFFIN	11
Floor	GERARD TRUDEL	11
Floor		
Other		
Other		

INJURIES - COMPLETE BELOW

Position	Tour	Signature	Hrs.

Toolpusher's Approval

SAFETY TALKS

Given By:
Subject

Given By:
Subject

BOPS	Tested		Checked
	Minutes	Pressure kPa	Open & Close
Hydril			
Pipe Rams			
Blind Rams			

CASING: Ran JTS CSG | To K.B. Used Sx | Cem Plus % | Plug Down @ hrs. | m³ Return

Fuel @ 00.00 | Fuel Rec'd Today | Total | Fuel @ 23.59 | Fuel Used

Equipment Transfers (including Rental): To / From | Trans #

Approved by Operator's Representative: Jean Boudreault

Approved by Toolpush: P. Lundgren

CONSERVATION BOARD COPY NOTE: PLEASE SHOW METRES MADE DURING CONTROLLED DRILLING AS WELL AS HOURS

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

Rig No. 6 Well Name BLANCHETTE 2-2

09321

Pump No. 1 ▶ Type Liner Size mm Stroke Length mm | Pump No. 2 ▶ Type Liner Size mm Stroke Length mm | Location

Date Year 19 Month 6 Day 27 | Rig No. 6

I ACKNOWLEDGE HAVING WORKED THESE HOURS DURING THIS TIME I RECEIVED NO INJURY

(EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT) IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

From	To	Metres

BITS

No.	Size mm	Type	Jets mm	Serial No.	Force daN	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G

No.	Drilling Assembly (At End of Tour)	
	Bit	m
		m
		m
		m
		m
		m
		m
	Stands DC	m
	Singles DC	m
	Stands DP	m
	Singles DP	m
	Kelly Down	m
	Total	m

MUD	00:00	02:00	04:00	06:00	Additives in kg
Density kg/m³					
Viscosity s/L					
Filtrate cm³					
pH					
Press kPa Pump 1					
Press kPa Pump 2					
S.P.M. Pump 1					
S.P.M. Pump 2					

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours: 1 2 3 4 5 6

Next Oil Change

Remarks

SURVEYS: Depth m ° | Depth m °

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ?

Drill'g Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped (m) | Cut | Next Slip | Temp | Weather | Roads

Force of String daN

From	To	Metres

BITS

No	Size mm	Type	Jets mm	Serial No.	Force daN	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G

No.	Drilling Assembly (At End of Tour)	
		m
		m
		m
		m
		m
		m
		m
	Stands DC	m
	Singles DC	m
	Stands DP	m
	Singles DP	m
	Kelly Down	m
	Total	m

MUD	08:00	10:00	12:00	14:00	Additives in kg
Density kg/m³					
Viscosity s/L					
Filtrate cm³					
pH					
Press kPa Pump 1					
Press kPa Pump 2					
S.P.M. Pump 1					
S.P.M. Pump 2					

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours: 1 2 3 4 5 6

Next Oil Change

Remarks

SURVEYS: Depth m ° | Depth m °

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ?

Drill'g Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped (m) | Cut | Next Slip | Temp | Weather | Roads

Force of String daN

From	To	Metres

BITS

No	Size mm	Type	Jets mm	Serial No.	Force daN	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G

No	Drilling Assembly (At End of Tour)	
	Bit	m
		m
		m
		m
		m
		m
		m
	Stands DC	m
	Singles DC	m
	Stands DP	m
	Singles DP	m
	Kelly Down	m
	Total	m

MUD	16:00	18:00	20:00	22:00	Additives in kg
Density kg/m³					
Viscosity s/L					
Filtrate cm³					
pH					
Press kPa Pump 1					
Press kPa Pump 2					
S.P.M. Pump 1					
S.P.M. Pump 2					

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours: 1 2 3 4 5 6

Next Oil Change

Remarks

SURVEYS: Depth m ° | Depth m °

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ?

Drill'g Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped (m) | Cut | Next Slip | Temp | Weather | Roads

Force of String daN

BOPS	Tested Minutes	Tested Pressure kPa	Checked Open & Close
Hydril			
Pipe Rams			
Blind Rams			

CASING: Ran JTS CSG | To K.B. Used SI | Cem Plus | Plug Down @ hrs | m³ Returns

Fuel @ 00:00 | Fuel Rec'd Today | Total | Fuel @ 23:59 | Fuel Used

Equipment Transfers (Including Rental): To / From | Trans #

Approved by Operator's Representative: Pierre Bourbeau

Approved by Toolpush: [signature]

Report Number	Start	Stop	Intvl
Move & Rig Up	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
Move & Rig Up	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
Move & Rig Up	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.

Boiler In Use? Hrs | Camp In Use? Hrs | BOP Drill Yes No | Driller's Signature

Boiler In Use? Hrs | Camp In Use? Hrs | BOP Drill Yes No | Driller's Signature

Boiler In Use? Hrs | Camp In Use? Hrs | BOP Drill Yes No | Driller's Signature

TOUR ① 00:00 - 08:00 Hrs

		Hrs
Driller	T. PETTE	13
Derrick		
Motor	G.	
Floor	G. JEAN	13
Floor	ROGER MATTESON	11
Floor		
Other	PAUL R. BROARD	12

INJURIES - COMPLETE BELOW

TOUR ② 08:00 - 16:00 Hrs

		Hrs
Driller	ED DOMINIC	12
Derrick	J. M. MORIN	12
Motor	L. TURRIFF	12
Floor	J. MORISSETTE	12
Floor	P. DESJARDINS	12
Lease		
Mechanic	C. BLANCHETTE	14
Other		

INJURIES - COMPLETE BELOW

TOUR ③ 16:00 - 24:00 Hrs

		Hrs
Driller	T. TURRIFF	13
Derrick	JACQUE - MURRAY	12
Motor	DAN PATTERSON	13
Floor	BOB COFFIN	13
Floor	GERARD TREMBLAY	11
Floor		
Other		
Other		

INJURIES - COMPLETE BELOW

Position	Tour	Signature	Hrs.

Toolpusher's Approval

SAFETY TALKS

Given By: | Subject

Given By: | Subject

CONSERVATION BOARD COPY NOTE: PLEASE SHOW METRES MADE DURING CONTROLLED DRILLING AS WELL AS HOURS

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

09322

Rig No 6 Well Name BLANCHETTE #2

Pump No. 1 Type Liner Size mm Stroke Length mm Pump No. 2 Type Liner Size mm Stroke Length mm Location

From	To	Metres

BITS

No.	Size mm	Type	Jets mm	Serial No.	Force daN	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G

No.	Drilling Assembly (At End of Tour)	
	Bit	m
		m
		m
		m
		m
		m
		m
	Stands DC	m
	Singles DC	m
	Stands DP	m
	Singles DP	m
	Kelly Down	m
	Total	m
	Force of String	daN

MUD	00:00	02:00	04:00	06:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours	Next Oil Change
1	
2	
3	
4	
5	
6	

Remarks

SURVEYS: Depth m ° Depth m °

Crown Stopper Checked ? Reset ? Kelly Cock Checked ? Rig Savers Checked ?

Drill'g Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped (m) | Cut | Next Slip | Temp. | Weather | Roads

Boiler In Use? Hrs. | Camp In Use? Hrs. | BOP Drill Yes / No | Driller's Signature

MOVE Rig UP

From	To	Metres

BITS

No.	Size mm	Type	Jets mm	Serial No.	Force daN	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G

No.	Drilling Assembly (At End of Tour)	
		m
		m
		m
		m
		m
		m
		m
	Stands DC	m
	Singles DC	m
	Stands DP	m
	Singles DP	m
	Kelly Down	m
	Total	m
	Force of String	daN

MUD	08:00	10:00	12:00	14:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours	Next Oil Change
1	
2	
3	
4	
5	
6	

Remarks

SURVEYS: Depth m ° Depth m °

Crown Stopper Checked ? Reset ? Kelly Cock Checked ? Rig Savers Checked ?

Drill'g Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped (m) | Cut | Next Slip | Temp. | Weather | Roads

Boiler In Use? Hrs. | Camp In Use? Hrs. | BOP Drill Yes / No | Driller's Signature

MOVE Rig UP

From	To	Metres

BITS

No.	Size mm	Type	Jets mm	Serial No.	Force daN	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G

No.	Drilling Assembly (At End of Tour)	
	Bit	m
		m
		m
		m
		m
		m
		m
	Stands DC	m
	Singles DC	m
	Stands DP	m
	Singles DP	m
	Kelly Down	m
	Total	m
	Force of String	daN

MUD	16:00	18:00	20:00	22:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours	Next Oil Change
1	
2	
3	
4	
5	
6	

Remarks

SURVEYS: Depth m ° Depth m °

Crown Stopper Checked ? Reset ? Kelly Cock Checked ? Rig Savers Checked ?

Drill'g Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped (m) | Cut | Next Slip | Temp. | Weather | Roads

Boiler In Use? Hrs. | Camp In Use? Hrs. | BOP Drill Yes / No | Driller's Signature

MOVE Rig UP

BOPS	Tested: Minutes	Tested: Pressure kPa	Checked: Open & Close
Hydril			
Pipe Rams			
Blind Rams			

CASING: Ran JTS CSG | To K.B. Used Sz | Cem Plus % | Plug Down @ hrs | m³ Returns

Fuel @ 00:00 | Fuel Rec'd Today | Total | Fuel @ 23:59 | Fuel Used

Equipment Transfers (Including Rental): To / From Trans #

Approved by Operator's Representative

Approved by Toolpush

Report Number	Start	Stop	Int'vl
	:	:	.
	:	:	.
	:	:	.

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

09323

Rig No. 6 Well Name BLANCHETTE # 2

Pump No. 1 Type Liner Size mm Stroke Length mm
Pump No. 2 Type Liner Size mm Stroke Length mm
Location

Report Number

Date Year 79 Month 7 Day 01 Rig No. 6

From	To	Metres

BITS

No.	Size mm	Type	Jets mm	Serial No.	Force daN	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G

Drilling Assembly (At End of Tour)

No.		
Bit		m
		m
		m
		m
		m
		m
		m
		m
Stands DC		m
Singles DC		m
Stands DP		m
Singles DP		m
Kelly Down		m
Total		m

Force of String daN

MUD	00:00	02:00	04:00	06:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Pump 2				
S.P.M. Pump 1				
Pump 2				

Additives in kg

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours 1 2 3 4 5 6

Next Oil Change

Remarks

SURVEYS: Depth m ° Depth m °

Crown Stopper Checked ? Reset ? Kelly Cock Checked ? Rig Savers Checked ?

Drilling Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped (m) | Cut | Next Slip | Temp. | Weather | Roads

RIG UP AND RISE DERRICK

Boiler in Use? Hrs. | Camp in Use? Hrs. | BOP Drill Yes No | Driller's Signature

Time: Start | Stop | Intvl

I ACKNOWLEDGE HAVING WORKED THESE HOURS DURING THIS TIME I RECEIVED NO INJURY

(EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT) IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

TOUR ① 00:00 - 08:00 Hrs.

Driller R BEDARD 12
Derrick R LAROCHELLE 12
Motor
Floor A COFFIN 12
Floor N LAUZE 12
Floor
Other
Other

INJURIES - COMPLETE BELOW

TOUR ② 08:00 - 16:00 Hrs.

Driller ED DONAHOE 12
Derrick J DUBEAU 12
Motor L TURRIFF 12
Floor G JEAN 12
Floor R PATTERSON 12
Lease
Mechanic C BLANCHETTE 12
Other

INJURIES - COMPLETE BELOW

TOUR ③ 16:00 - 24:00 Hrs.

Driller T TURRIFF 12
Derrick J CANUEL 12
Motor DAN PATTERSON 12
Floor BOYD COFFIN 12
Floor GERRARD TRUDEL 12
Floor
Other
Other

INJURIES - COMPLETE BELOW

Position	Tour	Signature	Hrs.

Toolpusher's Approval

SAFETY TALKS

Given By: Subject

Given By: Subject

BOPS	Tested Minutes	Pressure kPa	Checked Open / Close
Hydril			
Pipe Rams			
Blind Rams			

CASING: Ran JTS CSG | To KB Used Sx | Cem Plus | Plug Down @ hrs | m³ Returns

Fuel @ 00:00 | Fuel Rec'd Today | Total | Fuel @ 23:59 | Fuel Used

Equipment (Transfers (Including Rental)) To / From Trans #

Approved by Operator's Representative: Jean Baudreault

Approved by Toolpush: R Humphreson

CONSERVATION BOARD COPY NOTE: PLEASE SHOW METRES MADE DURING CONTROLLED DRILLING AS WELL AS HOURS

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

09324

Rig No. 6 Well Name BLANCETTE #2

Pump No. 1 ▶ Type Liner Size mm Stroke Length mm
Pump No. 2 ▶ Type Liner Size mm Stroke Length mm
Location

Date Year 79 Month 7 Day 3 Rig No. 6

I ACKNOWLEDGE HAVING WORKED THESE HOURS DURING THIS TIME. I RECEIVED NO INJURY.

EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT. IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

TOUR 1 00:00 - 08:00

From	To	Metres	BITS No.	Size mm	Type	Jets mm	Serial No.	Force daN	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G

Drilling Assembly (At End of Tour)

No.		
	Bit	m
		m
		m
		m
		m
		m
		m
		m
		m
	Stands DC	m
	Singles DC	m
	Stands DP	m
	Singles DP	m
	Kelly Down	m
	Total	m

Force of String daN

MUD	00:00	02:00	04:00	06:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Pump 2				
S.P.M. Pump 1				
Pump 2				
SURVEYS Depth m °				
Depth m °				

Additives in kg

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours	Next Oil Change
1	
2	
3	
4	
5	
6	

Remarks

Crown Stopper Checked ? Reset ? Kelly Cock Checked ? Rig Savers Checked ?

Drill'g Line Record	Size mm	No. Lines	Megajoules	Total MJ	Slipped (m)	Cut	Next Slip	Temp.	Weather	Roads

Boiler In Use? Hrs. | Camp In Use? Hrs. | BOP Drill Yes No | Driller's Signature

Rig Up

Time Start	Time Stop	Intvl
:	:	.
:	:	.
:	:	.
:	:	.
:	:	.
:	:	.
:	:	.
:	:	.
:	:	.
:	:	.
:	:	.

Report Number

Floor	
Other	
Other	

INJURIES - COMPLETE BELOW

TOUR 2 08:00 - 16:00

From	To	Metres	BITS No.	Size mm	Type	Jets mm	Serial No.	Force daN	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G

Drilling Assembly (At End of Tour)

No.		
		m
		m
		m
		m
		m
		m
		m
		m
		m
	Stands DC	m
	Singles DC	m
	Stands DP	m
	Singles DP	m
	Kelly Down	m
	Total	m

Force of String daN

MUD	08:00	10:00	12:00	14:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Pump 2				
S.P.M. Pump 1				
Pump 2				
SURVEYS Depth m °				
Depth m °				

Additives in kg

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours	Next Oil Change
1	
2	
3	
4	
5	
6	

Remarks

Crown Stopper Checked ? Reset ? Kelly Cock Checked ? Rig Savers Checked ?

Drill'g Line Record	Size mm	No. Lines	Megajoules	Total MJ	Slipped (m)	Cut	Next Slip	Temp.	Weather	Roads

Boiler In Use? Hrs. | Camp In Use? | BOP Drill Yes No | Driller's Signature

Rig Up

Time Start	Time Stop	Intvl
:	:	.
:	:	.
:	:	.
:	:	.
:	:	.
:	:	.
:	:	.
:	:	.
:	:	.
:	:	.
:	:	.

Floor	
Lease	
Mechanic C. Blanchette	12
Other	

INJURIES - COMPLETE BELOW

TOUR 3 16:00 - 24:00

From	To	Metres	BITS No.	Size mm	Type	Jets mm	Serial No.	Force daN	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G

Drilling Assembly (At End of Tour)

No.		
	Bit	m
		m
		m
		m
		m
		m
		m
		m
		m
	Stands DC	m
	Singles DC	m
	Stands DP	m
	Singles DP	m
	Kelly Down	m
	Total	m

Force of String daN

MUD	16:00	18:00	20:00	22:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Pump 2				
S.P.M. Pump 1				
Pump 2				
SURVEYS Depth m °				
Depth m °				

Additives in kg

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours	Next Oil Change
1	
2	
3	
4	
5	
6	

Remarks

Crown Stopper Checked ? Reset ? Kelly Cock Checked ? Rig Savers Checked ?

Drill'g Line Record	Size mm	No. Lines	Megajoules	Total MJ	Slipped (m)	Cut	Next Slip	Temp.	Weather	Roads

Boiler In Use? Hrs. | Camp In Use? Hrs. | BOP Drill Yes No | Driller's Signature

Rig Up

Time Start	Time Stop	Intvl
:	:	.
:	:	.
:	:	.
:	:	.
:	:	.
:	:	.
:	:	.
:	:	.
:	:	.
:	:	.
:	:	.

Floor	
Other	
Other	

INJURIES - COMPLETE BELOW

Position	Tour	Signature	Hrs.

Toolpusher's Approval

SAFETY TALKS

Given By: Subject

Given By: Subject

BOPS	Tested Minutes	Tested Pressure kPa	Checked Open & Close
Hydril			
Pipe Rams			
Blind Rams			

CASING: Ran JTS CSG; To K.B. Used 5x; Cem Plus %; Plug Down @ hrs; m³ Returns

Fuel @ 00:00; Fuel Rec'd Today; Total; Fuel @ 24:59; Fuel Used

Equipment Transfers (Including Rental): To / From Trans #

Approved by Operator's Representative: Jean Boudreault

Approved by Toolpush: P. Lucenkow

CONSERVATION BOARD COPY NOTE: PLEASE SHOW METRES MADE DURING CONTROLLED DRILLING AS WELL AS HOURS

7

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

09354

Rig No 6 Well Name Blanchette # 2

Pump No. 1 ▶ Type National B-250 Liner Size mm 159 Stroke Length mm 216
Pump No. 2 ▶ Type Emsco D-700 Liner Size mm 203 406 Stroke Length mm

Location

Date Year 79 March 7 Day 3 Rig No. 6

I ACKNOWLEDGE HAVING WORKED THESE HOURS DURING THIS TIME. RECEIVED NO INJURY.

(EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT) IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

TOUR 1 00:00 - 08:00

From	To	Metres	BITS	No	Size mm	Type	Jets mm	Serial No.	Force daN	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G

Drilling Assembly (At End of Tour) — No. / Bit / Stands DC / Singles DC / Stands DP / Singles DP / Kelly Down / Total / Force of String daN

MUD: 00:00 | 02:00 | 04:00 | 06:00 — Density kg/m³ | Viscosity s/L | Filtrate cm³ | pH | Press kPa Pump 1 | Pump 2 | S.P.M. Pump 1 | Pump 2

Additives in kg

Desilter / Desander: Hours Operated | U.F. Density kg/m³ | O.F. Density kg/m³ | Flow Rate L/min | Pressure kPa

Motor Hours: 1 8 | 2 8 | 3 | 4 | 5 | 6

Next Oil Change

Remarks

SURVEYS: Depth m ° | Depth m °

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ?

Drill'g Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped (m) | Cut | Next Slip | Temp. | Weather | Roads

Report Number 1	Start	Time Stop	Intvl
Rig up to spud	08:00	16:00	8.

Boiler In Use? Hrs. | Camp In Use? Hrs. | BOP Drill Yes No | Driller's Signature

TOUR 1 00:00 - 08:00 Hrs.
Driller Ed Venables 8
Derrick J. Dubeau 8
H2S R. Patterson 8
Floor K. Taudel 8
Floor
Floor
Other
Other

INJURIES - COMPLETE BELOW

TOUR 2 08:00 - 16:00

From	To	Metres	BITS	No	Size mm	Type	Jets mm	Serial No.	Force daN	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G

Drilling Assembly (At End of Tour) — No. / Bit / Stands DC / Singles DC / Stands DP / Singles DP / Kelly Down / Total / Force of String daN

MUD: 08:00 | 10:00 | 12:00 | 14:00 — Density kg/m³ | Viscosity s/L | Filtrate cm³ | pH | Press kPa Pump 1 | Pump 2 | S.P.M. Pump 1 | Pump 2

Additives in kg: Gel 135 sack | Caustic 9 10 KG

Desilter / Desander: Hours Operated | U.F. Density kg/m³ | O.F. Density kg/m³ | Flow Rate L/min | Pressure kPa

Motor Hours: 1 8 | 2 8 | 3 8 | 4 | 5 | 6

Next Oil Change

Remarks

SURVEYS: Depth m ° | Depth m °

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ?

Drill'g Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped (m) | Cut | Next Slip | Temp. | Weather | Roads

Rig to spud.	08:00	20:00	12:00	
	:	:	:	
	:	:	:	
	:	:	:	
	:	:	:	
	:	:	:	
	:	:	:	
	:	:	:	
	:	:	:	
	:	:	:	
	:	:	:	
	:	:	:	
	:	:	:	

Boiler In Use? Hrs. | Camp In Use? Hrs. | BOP Drill Yes No | Driller's Signature

TOUR 2 08:00 - 16:00 Hrs.
Driller J. Turriff 12
Derrick D. Samuel 12
Motor D.N. Patterson 12
Floor B. Coffin 12
Floor
Lease
Mechanic C. Blanchette 12
Other

INJURIES - COMPLETE BELOW

TOUR 3 16:00 - 24:00

From	To	Metres	BITS	No	Size mm	Type	Jets mm	Serial No.	Force daN	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G
				1A	311	S33	Mill	555975										

Drilling Assembly (At End of Tour) — No. / Bit 1.25 m / Bit 1.06 m / XO 0.31 m / Stands DC / Singles DC / Stands DP / Singles DP / Kelly Down / Total / Force of String daN

MUD: 16:00 | 18:00 | 20:00 | 22:00 — Density kg/m³ | Viscosity s/L | Filtrate cm³ | pH | Press kPa Pump 1 | Pump 2 | S.P.M. Pump 1 | Pump 2

Additives in kg

Desilter / Desander: Hours Operated | U.F. Density kg/m³ | O.F. Density kg/m³ | Flow Rate L/min | Pressure kPa

Motor Hours: 1 8 | 2 8 | 3 8 | 4 | 5 | 6

Next Oil Change

Remarks

SURVEYS: Depth m ° | Depth m °

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ?

Drill'g Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped (m) | Cut | Next Slip | Temp. | Weather | Roads

Rig to spud	16:00	18:50	2:50	
Wait on Lost Circulation material and Gell because we have lost circulation from cellar to sump	18:50	24:00	5.50	
	:	:	:	
	:	:	:	
	:	:	:	
	:	:	:	
	:	:	:	
	:	:	:	
	:	:	:	
	:	:	:	
	:	:	:	
	:	:	:	
	:	:	:	
	:	:	:	

Boiler In Use? Hrs. | Camp In Use? Hrs. | BOP Drill Yes No | Driller's Signature

TOUR 3 16:00 - 24:00 Hrs.
Driller R. Bidard 16
Derrick K. Larochelle 16
Motor G. Jean 16
Floor D. Coffin 16
Floor M. Deuze 16
Floor
Other
Other

INJURIES - COMPLETE BELOW

Position	Tour a	Signature	Hrs.
Mud Eng	2	V Patterson	12
D. Patterson got a piece of drilling eye while weld			
Toolpusher's Approval	P. Swanson		
SAFETY TALKS	Building a Pad.		

Given By:
Subject

Given By:
Subject

BOPS	Tested		Checked
	Minutes	Pressure kPa	Open & Close
Hydril			
Pipe Rams			
Blind Rams			

CASING: Ran | To | Cem Plus | Plug Down @ | m³ Returns | PTS CSG | K.B. Used Sx | % | hrs

Fuel @ 00:00 | Fuel Rec'd Today | Total | Fuel @ 23:59 | Fuel Used

Equipment Transfers (Including Rental): To / From | Trans #

Approved by Operator's Representative: Glen Boudreault

Approved by Toolpush: P. Swanson

CONSERVATION BOARD COPY NOTE: PLEASE SHOW METRES MADE DURING CONTROLLED DRILLING AS WELL AS HOURS

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

09352

Rig No. 6 Well Name BLANCHETTE #2

Pump No. 1 Type NATIONAL 8P80 Liner Size mm 159 Stroke Length mm 216
Pump No. 2 Type EMSCO D700 Liner Size mm 203 Stroke Length mm 406
Location

Report Number 2

Date Year 79 Month 7 Day 4 Rig No. 6

I ACKNOWLEDGE HAVING WORKED THESE HOURS DURING THIS TIME. I RECEIVED NO INJURY

(EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT) IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

BITS

From	To	Metres	No.	Size mm	Type	Jets mm	Serial No.	Force daN	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G

Drilling Assembly (At End of Tour)

No.		
	Bit	m
		m
		m
		m
		m
		m
		m
	Stands DC	m
	Singles DC	m
	Stands DP	m
	Singles DP	m
	Kelly Down	m
	Total	m

Force of String daN

MUD

	00:00	02:00	04:00	06:00
Density kg/m³				
Viscosity s/L				140
Filtrate cm³				
pH				
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Densit kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours: 1 2 3 4 5 6

Next Chge

Remarks

SURVEYS: Depth m ° Depth m °

Crown Stopper Checked ? Reset ? Kelly Cock Checked ? Rig Savers Checked ?

Drill'g Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped m | Cut | Next Slip | Temp. | Weather | Roads

Boiler In Use? Hrs. | Camp In Use? Hrs. | BOP Drill Yes No | Driller's Signature

WAIT ON GEL

INJURIES - COMPLETE BELOW

TOUR ① 00:00 - 08:00 Hrs

Driller F. D. DONAHOE 8
Derrick J. DUBEAU 8
Motor L. TURRIFF 8
Floor R. PATTERSON 8
Floor G. TRUDEL 8
Floor
Other
Other

BITS

From	To	Metres	No.	Size mm	Type	Jets mm	Serial No.	Force daN	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G

Drilling Assembly (At End of Tour)

No.		
		m
		m
		m
		m
		m
		m
		m
	Stands DC	m
	Singles DC	m
	Stands DP	m
	Singles DP	m
	Kelly Down	m
	Total	m

Force of String daN

MUD

	08:00	10:00	12:00	14:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours: 1 2 3 4 5 6 7 8

Next Oil Change

Remarks

SURVEYS: Depth m ° Depth m °

Crown Stopper Checked ? Reset ? Kelly Cock Checked ? Rig Savers Checked ?

Drill'g Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped m | Cut | Next Slip | Temp. | Weather | Roads

Boiler In Use? Hrs. | Camp In Use? Hrs. | BOP Drill Yes No | Driller's Signature

Wait ON Gel

INJURIES - COMPLETE BELOW

TOUR ② 08:00 - 16:00 Hrs

Driller T. Turriff 11
Derrick J. Canuel 11
Motor Dan Patterson 8
Floor Boyd Coffin 11
Floor K. Turriff 11
Lease
Mechanic C. BLANCHETTE 12
Other
INJURIES - COMPLETE BELOW

BITS

From	To	Metres	No.	Size mm	Type	Jets mm	Serial No.	Force daN	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G
			1A	311	533	—	555975										

Drilling Assembly (At End of Tour)

No.		
1st	SUB 1.20	m
	BELSUB 1.66	m
	XO 0.31	m
		m
		m
		m
		m
	Stands DC	m
	Singles DC	m
	Stands DP	m
	Singles DP	m
	Kelly Down	m
	Total	m

Force of String daN

MUD

	16:00	18:00	20:00	22:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg: CAUTIC 910KG

Desilter / Desander: Hours Operated; U.F. Density kg/m³; U.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours: 1 2 3 4 5 6

Next Oil Change

Remarks

SURVEYS: Depth m ° Depth m °

Crown Stopper Checked ? Reset ? Kelly Cock Checked ? Rig Savers Checked ?

Drill'g Line Record: Size mm | No. Lines | Meg Joules | Total MJ | Slipped m | Cut | Next Slip | Temp. | Weather | Roads

Boiler In Use? Hrs. | Camp In Use? Hrs. | BOP Drill Yes No | Driller's Signature Roland Badeaud

WAIT ON GEL

INJURIES - COMPLETE BELOW

TOUR ③ 16:00 - 24:00 Hrs

Driller R. Badeaud 12
Derrick R. LAROCHELLE 12
Motor G. SEAN 12
Floor A. COFFIN 12
Floor N. LAUZE 12
Floor
Other
Other
INJURIES - COMPLETE BELOW

Position	Tour #	Signature	Hrs.

Toolpusher Approval

SAFETY TALKS
Given By:
Subject

Given By:
Subject

BOPS	Tested Minutes	Tested Pressure kPa	Checked Open & Close
Hydril			
Pipe Rams			
Blind Rams			

CASING: Ran JTS CSG | To K.B. Used | Cem Plus % | Plug Down @ hrs | m³ Returns

Fuel @ 00:00 | Fuel Rec'd Today | Total | Fuel @ 2359 | Fuel Used

Equipment Transfers (Including Rental): To / From Trans #

Approved by Operator's Representative: Roland Badeaud

Approved by Toolpush: P. Svenbonsen

CONSERVATION BOARD COPY NOTE: PLEASE SHOW METRES MADE DURING CONTROLLED DRILLING AS WELL AS HOURS

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

09353

Rig No 6 | Well Name BLANCHETTE #1 | Location GASBE | Report Number 3

Date: Year 79 Month 9 Day 5 | Rig No. 6

Pump No. 1 Type NATIONAL Liner Size 5 1/2 Stroke Length 24 | Pump No. 2 Type EMSCO D700 Liner Size 6 1/2 Stroke Length 40

BITS

From	To	Metres	No.	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G
			1A	311	533	—	555975										
			1B	311	533	—	555975										

Drilling Assembly (At End of Tour)

No.			
	Bit		m
1	Bit Sub	1.20	m
1	Monel	1.06	m
1	X-O	0.31	m
			m
			m
			m
			m
			m
			m
	Stands DC		m
	Singles DC		m
	Stands DP		m
	Singles DP		m
	Kelly Down	14.20	m
	Total	15.77	m

Force of String daN

MUD / Surveys / Bits

	00:00	02:00	04:00	06:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Pump 2				
S.P.M. Pump 1				
Pump 2				
Depth m				
Depth m				

Additives in kg: Bell 200 Lost

Remarks: 1/2 BBL GELFLUSH 30

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours: 1 8 | 2 8 | 3 8 | 4 | 5 | 6

Next Oil Change

Crown Stopper Checked? | Reset? | Kelly Cock Checked? | Rig Savers Checked?

Drill'g Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped m | Cut | Next Slip | Temp. | Weather | Roads

Boiler In Use? Hrs. | Camp In Use? Hrs. | BOP Drill Yes No | Driller's Signature E.D. Donahoe

From	To	Metres	No.	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G
			1A	311	533	—	555975										
			1B	311	533	—	555975										

Drilling Assembly (At End of Tour)

No.			
	Bit		m
1	Bit Sub	1.20	m
1	Monel	1.06	m
1	X-O	0.31	m
			m
			m
			m
			m
			m
			m
	Stands DC		m
1	Singles DC	9.45	m
	Stands DP		m
	Singles DP		m
	Kelly Down	3.00	m
	Total	15	m

Force of String 12 000 daN

MUD / Surveys / Bits

	08:00	10:00	12:00	14:00
Density kg/m³				
Viscosity s/L	110	85	25	85
Filtrate cm³				
pH				
Press kPa Pump 1				
Pump 2				
S.P.M. Pump 1				
Pump 2				
Depth m				
Depth m				

Additives in kg: GEL 15 SXS | CAUSTIC 45 KG

Remarks

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours: 1 8 | 2 8 | 3 8 | 4 | 5 | 6

Next Oil Change

Crown Stopper Checked? | Reset? | Kelly Cock Checked? | Rig Savers Checked?

Drill'g Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped m | Cut | Next Slip | Temp. | Weather | Roads

10°C Cloudy 600D

Boiler In Use? Hrs. 0 | Camp In Use? Hrs. 0 | BOP Drill Yes No | Driller's Signature Ivan Turriff

From	To	Metres	No.	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G
			1A	311	533	—	555975										
			1B	311	533	—	555975										

Drilling Assembly (At End of Tour)

No.			
	Bit		m
1	Bit Sub	1.20	m
1	Monel	1.06	m
1	X-O	0.31	m
			m
			m
			m
			m
			m
			m
	Stands DC		m
1	Singles DC	9.45	m
	Stands DP		m
	Singles DP		m
	Kelly Down	3.00	m
	Total	15	m

Force of String 12 000 daN

MUD / Surveys / Bits

	16:00	18:00	20:00	22:00
Density kg/m³				
Viscosity s/L	85	85	160	180
Filtrate cm³				
pH				
Press kPa Pump 1				
Pump 2				
S.P.M. Pump 1				
Pump 2				
Depth m				
Depth m				

Additives in kg: GEL 49 SXS

Remarks

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours: 1 8 | 2 8 | 3 4 | 4 | 5 | 6

Next Oil Change

Crown Stopper Checked? | Reset? | Kelly Cock Checked? | Rig Savers Checked?

Drill'g Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped m | Cut | Next Slip | Temp. | Weather | Roads

10°C Cloudy 600D

Boiler In Use? Hrs. 0 | Camp In Use? Hrs. 0 | BOP Drill Yes No | Driller's Signature Roland Bédard

BOPs

	Tested Minutes	Tested Pressure kPa	Checked Open & Close
Hydril			
Pipe Rams			
Blind Rams			

CASING

Ran JTS | CSG | To | K.B. Used | Cem Plus | Sx | Plug Down @ | hrs | m³ Returns

Fuel @ 00:00 | Fuel Rec'd Today | Total | Fuel @ 23:59 | Fuel Used

Equipment Transfers (Including Rental) | To / From | Trans #

Approved by Operator's Representative: Jean Barbeau

Approved by Toolpush: Roland Bédard

Start	Stop	Intvl	
			WAIT ON GEL + SAND
2:00	5:00	3	MIX GEL + SAND & GET Returns
5:00	8:00	3	START DRILLING (SPUD)

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

09355

Rig No 6 Well Name BLANCHETTE # 1 Location GASPE Report Number 4

Pump No 1 ▶ Type NATIONAL 8P80 Liner Size 6½" Stroke Length 216

Pump No 2 ▶ Type GARDNER 7½ Liner Size 6½" Stroke Length 406

Date 1979 7 06 Rig No. 6

I ACKNOWLEDGE HAVING WORKED THESE HOURS DURING THIS TIME & RECEIVED NO INJURY

(EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT) IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

BITS

From	To	Metres	No.	Size mm	Type	Jets mm	Serial No.	Force daN	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G

Drilling Assembly (At End of Tour)

No.			m
1	Bit	SUB	1.20
1	Roller Sel	1.06	
1	X.O	0.31	
	Stands DC		
1	Singles DC	9.45	
	Stands DP		
	Singles DP		
	Kelly Down		
	Total		

Force of String daN

MUD / Desilter / Desander / Motor Hours

MUD	00:00	02:00	04:00	06:00	Additives in kg	Desilter / Desander	Motor Hours	Next Oil Change
Density kg/m³						Hours Operated	1	
Viscosity s/L						U.F. Density kg/m³	2	
Filtrate cm³						O.F. Density kg/m³	3	
pH						Flow Rate L/min	4	
Press kPa Pump 1						Pressure kPa	5	
Press kPa Pump 2					Remarks		6	
S.P.M. Pump 1								
S.P.M. Pump 2								

SURVEYS

Depth m	°	Depth m	°

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ?

Drill'g Line Record

Size mm	No. Lines	Megajoules	Total MJ	Slipped m	Cut	Next Slip	Temp.	Weather	Roads

Boiler In Use? Hrs | Camp In Use? Hrs | BOP Drill Yes No | Driller's Signature

Start	Time Stop	Intvl	Activity
			D'g RAT HOLE WITH power tongs

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

09356

Rig No. 6 Well Name BLANCHETTE #1 Location GASPE

Pump No. 1 Type KATO 511 Liner Size 6" Stroke Length 9"

Pump No. 2 Type EMSCO D-375 Liner Size 6 1/2" Stroke Length 10"

Date: 17 (Year) 7 (Month) 7 (Day) Rig No. 6

BITS

From	To	Metres	No.	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G
			1A	311	S20	—	555976										

Drilling Assembly (At End of Tour)

No.			
1	Bit	1.20	m
1	Drill Collars	4.04	m
1	XO	0.31	m
	Stands DC		m
1	Singles DC	9.45	m
	Stands DP		m
	Singles DP		m
	Kelly Down		m
	Total		m

Force of String 12000 daN

MUD / Desilter / Desander / Motor Hours

	00:00	02:00	04:00	06:00
Density kg/m³				
Viscosity s/L	350	350	420	410
Filtrate cm³				
pH	11.0	11.0	11.0	11.0
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg: GEL-15 SOLTEX 220 Caustic

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours: 1 P' 2 R 3 D 4 5 6

Next Oil Change

Remarks: 6 DEE 220 Royal

SURVEYS

Depth m	°	Depth m	°

Crown Stopper Checked? Reset? Kelly Cock Checked? Rig Savers Checked?

Drill Line Record

Size mm	No. Lines	Megajoules	Total MJ	Slipped m	Cut	Next Slip	Temp.	Weather	Roads
							12°C	Clear	Good

Boiler In Use? Hrs. 0 | Camp In Use? Hrs. 0 | BOP Drill Yes / No | Driller's Signature: T. Turriff

From	To	Metres
15	23	8

BITS

No.	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G
1A	311	S33	—	555975		40	8							

Drilling Assembly (At End of Tour)

No.			
1	Sub	1.20	m
1	Drill Collars	1.06	m
1	XO	0.74	m
	Stands DC		m
1	Singles DC	9.45	m
	Stands DP		m
	Singles DP		m
	Kelly Down	11.20	m
	Total	23	m

Force of String 19 000 daN

MUD / Desilter / Desander / Motor Hours

	08:00	10:00	12:00	14:00
Density kg/m³				
Viscosity s/L	360	320	180	110
Filtrate cm³	12.0	11.0	11.0	11.0
pH				
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg:

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours: 1 2 3 4 5 6

Next Oil Change

Remarks:

SURVEYS

Depth m	°	Depth m	°

Crown Stopper Checked? Reset? Kelly Cock Checked? Rig Savers Checked?

Drill Line Record

Size mm	No. Lines	Megajoules	Total MJ	Slipped m	Cut	Next Slip	Temp.	Weather	Roads
							12°C	MIST	Good

Boiler In Use? Hrs. 0 | Camp In Use? Hrs. 0 | BOP Drill Yes / No | Driller's Signature: Roland Bédard

From	To	Metres

BITS

No.	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G
1A	311	S33	—	555975		70								

Drilling Assembly (At End of Tour)

No.			
1	Bit	1.02	m
1A	Drill Collars	2.88	m
1A	Sub	1.24	m
1A	Drill Collars	1.06	m
1A	XO	0.74	m
	Stands DC		m
1A	Singles DC	9.45	m
	Stands DP		m
	Singles DP		m
	Kelly Down		m
	Total		m

Force of String daN

MUD / Desilter / Desander / Motor Hours

	16:00	18:00	20:00	22:00
Density kg/m³				
Viscosity s/L	115	115	115	115
Filtrate cm³				
pH	11.0	9.5	9.5	9.5
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg:

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours: 1 2 3 4 5 6

Next Oil Change

Remarks:

SURVEYS

Depth m	°	Depth m	°

Crown Stopper Checked? Reset? Kelly Cock Checked? Rig Savers Checked?

Drill Line Record

Size mm	No. Lines	Megajoules	Total MJ	Slipped m	Cut	Next Slip	Temp.	Weather	Roads
							19°	SNOW	Good

Boiler In Use? Hrs. 0 | Camp In Use? Hrs. 0 | BOP Drill Yes / No | Driller's Signature: T. Astle

BOPS

	Tested: Minutes	Tested: Pressure kPa	Checked: Open & Close
Hydril			
Pipe Rams			
Blind Rams			

CASING

Ran JTS CSG
To K.B. Used
Csm Plus
Plug Down @ hrs
m³ Returns

Fuel @ 00:00
Fuel Rec'd Today
Total
Fuel @ 23:59
Fuel Used

Equipment Transfers (Including Rental)

To / From | Trans #

Approved by Operator's Representative: Jean Boudreault

Approved by Toolpush: T. Turriff

Report Number	Start	Stop	Intvl
Drill mouse hole	00:00	4:30	4½
Drill Rat hole	4:30	6:30	2
Ream down kelly	6:30	8:00	1½
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	8
DRILL 311mm HOLE	8:00	16:00	8
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
DRILL 311mm HOLE	16:00	17:00	1
PULL OUT TO PICK UP	17:00	:	
STABILIZATION	:	19:00	2
REAM DOWN 17M	19:00	22:00	3
PICKED UP SQUARE COLLAR	22:00	:	
BIT WOULD NOT GO IN -	:	:	
LAYED DOWN SQUARE AND	:	:	
PICKED UP ANOTHER	:	:	
STAB TO GRADUALLY REAM	:	2h00	2
OUT HOLE WITH NBS +	:	:	
STAB SO WE COULD GET	:	:	
SQUARE IN	:	:	3

Boiler In Use? Hrs. 0 | Camp In Use? Hrs. 0 | BOP Drill Yes / No | Driller's Signature: T. Astle

I ACKNOWLEDGE HAVING WORKED THESE HOURS DURING THIS TIME I RECEIVED NO INJURY

EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

TOUR ① 00:00 - 08:00 Hrs.

Driller T. TURRIFF 8
Derrick J. CANUEL 8
Motor DAN. PATTERSON 8
Floor BOYD. COFFIN 8
Floor KIM. TURRIFF 8
Floor
Other
Other

INJURIES - COMPLETE BELOW

TOUR ② 08:00 - 16:00 Hrs.

Driller R Bédard 8
Derrick R. LAROCHELLE 8
Motor G. JEAN 8
Floor A COFFIN 8
Floor N. LAUZE 8
Lease
Mechanic C. Blanchette 9
Other

INJURIES - COMPLETE BELOW

TOUR ③ 16:00 - 24:00 Hrs.

Driller T. ASTLE
Derrick J.M. MORIN
Motor DOUG PATTERSON
Floor J. MARQUETTE
Floor E. DESJARDINS
Floor
Other
Other

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS AS REPORTED ON THE REPORT (PART 2)

Position	Tour	Signature	Hrs.

Toolpusher's Approval

SAFETY TALKS

Given By:
Subject

Given By:
Subject

CONSERVATION BOARD COPY NOTE: PLEASE SHOW METRES MADE DURING CONTROLLED DRILLING AS WELL AS HOURS

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

Rig No 6 Well Name RICHELIEU #1 (DEV) 09357

Location GASPE Report No. 7

Date 41 7 8 Rig No. 6

Pump No. 1 ▶ Type Liner Size Stroke Length

Pump No. 2 ▶ Type Liner Size Stroke Length

BITS

No.	From	To	Metres	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G
1A				311								19	2				
1RR	24	32	8	311	533	—	55597			32	39	24	23				
2A	32	41	9	311	SB8	—	612714			41	45				4	1	1

Drilling Assembly (At End of Tour)

No.			
	Bit		m
1	NMS	1.42	m
2	60	2.22	m
3	STAB	1.34	m
4	8 SQ	1.47	m
5	1 DC	1.06	m
6	XO	0.79	m
			m
	Stands DC		m
	Singles DC	9.45	m
	Stands DP		m
	Singles DP		m
	Kelly Down	1.59	m
	Total	21.82	m

No.			
	Bit		m
1	NMS	1.42	m
2	60	2.22	m
3	STAB	1.34	m
4	8 SQ	1.47	m
5	1 DC	1.06	m
6	XO	0.79	m
			m
	Stands DC		m
	Singles DC	9.45	m
	Stands DP		m
	Singles DP		m
	Kelly Down	1.59	m
	Total	21.82	m

No.			
	Bit		m
1	NMS	1.42	m
2	60	2.22	m
3	STAB	1.34	m
4	8 SQ	1.47	m
5	1 DC	1.06	m
6	XO	0.79	m
			m
	Stands DC		m
	Singles DC	9.45	m
	Stands DP		m
	Singles DP		m
	Kelly Down	1.59	m
	Total	21.82	m

MUD / Additives / Desilter / Desander / Motor Hours

	00:00	02:00	04:00	06:00
Density kg/m³				
Viscosity s/L		120	130	120
Filtrate cm³				
pH				
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg

Desilter / Desander: Hours Operated; U/F Density kg/m³; O/F Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours: 1 2 3 4 5 6 — Next Oil Change

Remarks: CIRC SPM 10 gal

SURVEYS: Depth m / Depth m

Crown Stopper Checked? Reset? Kelly Cock Checked? Rig Savers Checked?

Drill'g Line Record: Size mm / No. Lines / Megajoules / Total MJ / Slipped m / Cut / Next Slip / Temp. / Weather / Roads

Force of String 18000 daN

	08:00	10:00	12:00	14:00
Density kg/m³				
Viscosity s/L	120	100	80	70
Filtrate cm³	8.5	8.5	7.5	9.5
pH				
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2	60	60	60	60

Additives in kg: 45-55

Desilter / Desander: Hours Operated; U/F Density kg/m³; O/F Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours: 1 8 2 8 3 8 4 5 6

Remarks: SPM 2

SURVEYS: Depth 25 m

Crown Stopper Checked? Reset? Kelly Cock Checked? Rig Savers Checked?

Drill'g Line Record: Size mm / No. Lines / Megajoules / Total MJ / Slipped m / Cut / Next Slip / Temp. / Weather / Roads

Force of String 18000 daN

	16:00	18:00	20:00	22:00
Density kg/m³				
Viscosity s/L	70	65	62	55
Filtrate cm³				
pH	9.5	9.5	9.5	9.5
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2	60	60	60	60

Additives in kg: 140

Desilter / Desander: Hours Operated; U/F Density kg/m³; O/F Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours: 1 R Jet 11 2 8 Jet 20 3 8 Jet 11 4 5 6

Remarks: Pump 2 cleaned pump Tank 1-2-3-4-5

SURVEYS: Depth 31.6 m 3° / Depth m

Crown Stopper Checked? Reset? Kelly Cock Checked? Rig Savers Checked?

Drill'g Line Record: Size mm / No. Lines / Megajoules / Total MJ / Slipped m / Cut / Next Slip / Temp. / Weather / Roads

Force of String 20000 daN

Time Log

	Start	Stop	Intvl
Pull to Stabilizer (1 STAB)	:	:	1
Ream / Kelly down	0:30	4:00	3
Pull out and Layed down	4:30	:	.
Stabilization AND PICKED UP	:	6:00	2
NBS, SQUARE AND 1 STAB	16:00	18:00	2
REAM IN SQUARE	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	8

Boiler In Use? Hrs 0 | Camp In Use? Hrs 0 | BOP Drill Yes / No | Driller's Signature

	Start	Stop	Intvl
Ream down 19 mm to 2400	8:00	2:45	7
DRILL	2:45	9:30	7
survey Rig service	9:30	9:45	1
DRILL STRKUP Tubulaster	9:45	16:00	6
TD	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
TOTAL			24

Boiler In Use? Hrs 0 | Camp In Use? Hrs 0 | BOP Drill Yes / No | Driller's Signature Roland Badreault

	Start	Stop	Intvl
DRILL 311 mm HOLE	16:00	18:00	2
PULL OUT TO CHECK BIT	18:00	:	.
PICK UP ANOTHER COLLAR	:	:	.
SURVEY RIG SERVICE	:	19:00	1
DRILL	19:00	23:00	4
PULL OUT TO CHANGE BIT	23:00	24:00	1
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	8

Boiler In Use? Hrs | Camp In Use? Hrs | BOP Drill Yes / No | Driller's Signature

BOPS

	Tested Minutes	Tested Pressure kPa	Checked Open & Close
Hydril			
Pipe Rams			
Blind Rams			

CASING

Ran JTS CSG | To K.B. Used Size | Cem Plus | Plug Down @ hrs | m³ Returns

Fuel @ 00:00 | Fuel Rec'd Today | Total | Fuel @ 23:59 | Fuel Used

Equipment Transfers (Including Rental): To / From Trans #

Approved by Operator's Representative: Jean Badreault

Approved by Toolpush: P Swinkamer

Date 41 7 8 Rig No. 6

I ACKNOWLEDGE HAVING WORKED THESE HOURS DURING THIS TIME I RECEIVED NO INJURY.

(EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT) IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

		Hrs.
TOUR ① 00:00 - 08:00		
Driller	T TURBITT	8
Derrick	J-P CHANDLER	8
Motor	DAN PATTERSON	8
Floor	DAVID LEFEIN	8
Floor	KIM TURRITT	8
Floor		
Other		
Other		
INJURIES - COMPLETE BELOW		
TOUR ② 08:00 - 16:00		Hrs.
Driller	R Pelland	8
Derrick	R LA ROCHELLE	8
Motor	G JEAN	8
Floor	A COFFIN	8
Floor	N LAUZE	8
Lease		
Mechanic	C. Blanchette	8
Other		
INJURIES - COMPLETE BELOW		
TOUR ③ 16:00 - 24:00		Hrs.
Driller	T. ASTLE	8
Derrick	J.M. MORIN	8
Motor	DOUG PATTERSON	8
Floor	J. MORESSETTE	8
Floor	P. DESTAROPOLIS	8
Floor		
Other		
Other		
INJURIES - COMPLETE BELOW		

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN ON THIS PAGE AND HAVE RECEIVED NO INJURY EXCEPT AS NOTED IN ACCIDENT REPORT PART 1

Position	Tour	Signature	Hrs.

Toolpusher's Approval

SAFETY TALKS

Given By: / Subject

Given By: / Subject

CONSERVATION BOARD COPY NOTE: PLEASE SHOW METRES MADE DURING CONTROLLED DRILLING AS WELL AS HOURS

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

Rig No. 6 Well Name Blanchette # 1

09358

Date Year 79 Month 7 Day 8 Rig No. 6

Pump No. 1 ▶ Type D-700 Liner Size mm 140 Stroke Length mm 254

Pump No. 2 ▶ Type Emsco D700 Liner Size mm 140 Stroke Length mm 254

Location C-55-E

Report Number 5

From	To	Metres
	47	6

BITS	No	Size mm	Type	Jets mm	Serial No.	Force daN	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G
	2A	311	52	—	612714			664	2	½			W	W	RPM

No.	Drilling Assembly (At End of Tour)	
	Bit	m
1	1 Dc	182 m
1	1 Dc	292 m
1	1 Dc	237 m
1	1 Dc	125 m
1	1 Dc	296 m
		m
		m
1	Stands DC	22 42 m
	Singles DC	m
	Stands DP	m
	Singles DP	m
	Kelly Down	3 48 m
	Total	47 m

MUD	00:00	02:00	04:00	06:00
Density kg/m³				
Viscosity s/L	50	52	53	60
Filtrate cm³				
pH	9.5	10.5	9.5	10.5

Additives in kg: GEL 60 sx; CAUSTIC 45 SKS; CAUSTIC 45 SKS

Desilter / Desander	Motor Hours	Next Oil Change
Hours Operated	1	
U.F. Density kg/m³	2	Full 23
O.F. Density kg/m³	3	Full 23
Flow Rate L/min	4	
Pressure kPa	5	
	6	

Press kPa: Pump 1; Pump 2

S.P.M.: Pump 1; Pump 2 70

Remarks: GEL EP 70 - 2 SX

SURVEYS	Depth m	°	Depth m	°
	111		69	

Crown Stopper Checked? Reset? Kelly Cock Checked? Rig Savers Checked?

Drill'g Line Record	Size mm	No. Lines	Megajoules	Total MJ	Slipped m	Cut	Next Slip	Temp.	Weather	Roads

Force of String 260000 daN

Boiler In Use? Hrs	Camp In Use? Hrs	BOP Drill Yes / No	Driller's Signature
0	0		Jean Bedard

Time	Start	Stop	Hours
Change B to Rm 2 m.	24	0:00	1
Drill	0:00	5:45	5¾
Survey Rig service	5:45	6:00	¼
DRILL	6:00	8:00	2
	:	:	
	:	:	
	:	:

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

Rig No 6 Well Name Blanchette #1

09359

Pump No 1 Type Ideco H-60 Liner Size 159 mm Stroke Length 305 mm
Pump No 2 Type Emsco D-100 Liner Size 165 mm Stroke Length 406 mm
Location Gregoire Report Number 6

Date: Year 74 Month 7 Day 10 — Rig No. 6

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING THIS TIME I RECEIVED NO INJURY

(EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT) IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

BITS

From	To	Metres	No.	Size mm	Type	Jets mm	Serial No.	Force daN	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G
22	70	48	2	311	X22	—	612714	9000	55	49	59¼						

Drilling Assembly (At End of Tour)

No		
	Bit	m
08	1.42	m
58	2.22	m
57	2.21	m
1 Co-ll	1.06	m
1 XO	0.27	m
		m
1 Jar	9.10	m
	Stands DC	m
2	Singles DC 5.20	m
	Stands DP	m
1	Singles DP 11.11	m
	Kelly Down 9.03	m
	Total 90.00	m

Force of String 39,000 daN

MUD	00:00	02:00	04:00	06:00
Density kg/m³	1110	1110	1110	1110
Viscosity s/L	60	60	61	60
Filtrate cm³				
pH	10	10	9.5	9.5
Press kPa Pump 1				
Press kPa Pump 2	1050	1050	1050	1050
S.P.M. Pump 1				
S.P.M. Pump 2	60	60	60	60

Additives in kg

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours	Next Oil Change
1 2	2nd 22
2 2	2nd 22
3 2	2nd 22
4	
5	
6	

Remarks

SURVEYS: Depth m ¼° | Depth m ½°

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ?

Drill'g Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped m | Cut | Next Slip

Temp. | Weather | Roads

Boiler In Use? Hrs | Camp In Use? Hrs | BOP Drill Yes / No | Driller's Signature

Start	Stop	Intvl	
7:00	8:00	1	Drill 311 mm hole
8:00	13:30	5½	Drill 311 mm hole
13:30	14:00	½	Survey & Rig service
14:00	18:00	4	Drill 311 mm hole

TOUR 1 00:00 - 08:00 Hrs

Driller T. Torriff 8
Derrick J. Cinnel 8
Motor Don Patterson 8
Floor Boyd Coffin 8
Floor Kim Torriff 8
Floor
Other
Other

INJURIES - COMPLETE BELOW

BITS

From	To	Metres	No.	Size mm	Type	Jets mm	Serial No.	Force daN	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G
90	105	15	2A	311	S88	—	612714	9000	55	64	24						

Drilling Assembly (At End of Tour)

No		
1 Bit	1.42	m
1 150	2.89	m
1 Sub	2.21	m
1 Co-ll	1.06	m
1 XO	0.27	m
4 DC	28.10	m
	Stands DC	m
1	Singles DC 3.79	m
	Stands DP	m
	Singles DP	m
	Kelly Down 2.24	m
	Total 105.5	m

Force of String 30,000 daN

MUD	08:00	10:00	12:00	14:00
Density kg/m³	1070	1070	1072	1075
Viscosity s/L	61	62	63	64
Filtrate cm³				
pH	9.5	9.5	9.5	9.5
Press kPa Pump 1				
Press kPa Pump 2	1050	1050	1050	1050
S.P.M. Pump 1				
S.P.M. Pump 2	60	60	60	60

Additives in kg: Bar 15 SX

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours	Next Oil Change
1 8	2nd 32
2 8	2nd 32
3 8	2nd 32
4	
5	
6	

Remarks

SURVEYS: Depth 10.3 m ¾° | Depth m

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ?

Drill'g Line Record: Size 32 mm | No. Lines 10 | Megajoules | Total MJ | Slipped | Cut | Next Slip

Temp. 20°C | Weather Clear | Roads FAIR

Boiler In Use? Hrs 0 | Camp In Use? Hrs 0 | BOP Drill Yes / No | Driller's Signature ROLAND Bédard

Start	Stop	Intvl	
8:00	13:45	5¾	DRILL 311 MM HOLE
13:45	14:00	¼	SURVEY & RIG SERVICE
14:00	16:00	2	PULL OUT HOLE STOCK
			BIT #1 @ 120 PULL OUT

TOTAL 8

TOUR 2 08:00 - 16:00 Hrs

Driller R. BEDARD 8
Derrick R. LAROCHELLE 8
Motor G. JEAN 8
Floor A. COFFIN 8
Floor N. LAUZE 8
Lease C. LANGLAIS 8
Mechanic C. BLANCHETTE 8
Other

INJURIES - COMPLETE BELOW

BITS

From	To	Metres	No.	Size mm	Type	Jets mm	Serial No.	Force daN	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G
0	75	75	1	445	HC Carmic	32/32/32	5123				8	23	6				

Drilling Assembly (At End of Tour)

No		
1 Bit	0.43	m
1 Monel	1.20	m
1 Monel	1.06	m
1 XO	0.27	m
		m
		m
	Stands DC	m
1	Singles DC 7.54	m
	Stands DP	m
	Singles DP	m
	Kelly Down	m
	Total 23.22	m

Force of String daN

MUD	16:00	18:00	20:00	22:00
Density kg/m³	1070	1070	1070	1070
Viscosity s/L	140	130	110	100
Filtrate cm³				
pH	10.5	10	10.5	10.5
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2	52	49	52	52

Additives in kg: 35 SX. GEL.

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³ OFF; Flow Rate L/min; Pressure kPa

Motor Hours	Next Oil Change
1 5	2nd 25
2 5	2nd 25
3 5	2nd 25
4	
5	
6	

Remarks: SP 20 25 GAL. LUBRICATOR.

SURVEYS: Depth m | Depth m

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ?

Drill'g Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped m | Cut | Next Slip

Temp. | Weather | Roads

Boiler In Use? Hrs 0 | Camp In Use? Hrs 0 | BOP Drill Yes / No | Driller's Signature

Start	Stop	Intvl	
16:00			PULL OUT LAY DOWN SQUARE COLLAR - STAB. PICK UP
	17:30	1½	HOLE OPENER AND - DRILL 445 MM HOLE
17:30	19:30	2	PICK UP DRILL COLLAR
19:30	24:00	4½	OPEN HOLE TO 445 MM

TOUR 3 16:00 - 24:00 Hrs

Driller T. ASTLE 8
Derrick J.M. MORIN 8
Motor DAVE PETTERSON 8
Floor J. MORISSETTE 8
Floor P. DESJARDINS 8
Floor
Other
Other

INJURIES - COMPLETE BELOW

Position	Tour	Signature	Hrs

Toolpusher's Approval

SAFETY TALKS

Given By:
Subject

Given By:
Subject

BOPs

	Tested: Minutes	Tested: Pressure kPa	Checked: Open & Close
Hydril			
Pipe Rams			
Blind Rams			

CASING

Ran	JTS	CSG	
To	K.B.Used	Sx.	
	Cem Plus		
	Plug Down @	hrs.	
	m³ Returns		

Fuel @ 00:00
Fuel Rec'd Today
Total
Fuel @ 23:59
Fuel Used

Equipment Transfers (Including Rental)
To / From: Trans #

Approved by Operator's Representative: Don Bandreault
Approved by Toolpush

CONSERVATION BOARD COPY NOTE: PLEASE SHOW METRES MADE DURING CONTROLLED DRILLING AS WELL AS HOURS

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

Rig No. 6 Well Name

09360

Pump No. 1 Type Liner Size Stroke Length Pump No. 2 Type Liner Size Stroke Length Location

Date 79 2 11 (Year Month Day) Rig No. 6

Report Number 7

From	To	Metres
23	34	11
34	42	8
42	431	

BITS

No.	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G
						60				34				
						80				42				
										30				

Drilling Assembly (At End of Tour)

No.		
	Bit	m
		m
		m
		m
		m
		m
		m
	Stands DC	m
	Singles DC	m
	Stands DP	m
	Singles DP	m
	Kelly Down	m
	Total	m

Force of String daN

MUD / Additives in kg / Desilter / Desander / Motor Hours / Next Oil Change

MUD	00:00	02:00	04:00	06:00
Density kg/m³		1080	1080	
Viscosity s/L		110	115	115
Filtrate cm³				
pH		9.5	9.5	9.5

Additives in kg: CAUSTIC 1 bag; CFL 40

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours: 1; 2; 3; 4; 5; 6

Press kPa: Pump 1; Pump 2

S.P.M.: Pump 1; Pump 2 70

Remarks: SPM 15 & 2 Pumps

SURVEYS: Depth m ° Depth m °

Crown Stopper Checked? Reset? Kelly Cock Checked? Rig Savers Checked?

Drill Line Record: Size mm; No. Lines; Metres/Lines; Total MJ; Slipped m; Cut; Next Slip; Temp.; Weather; Roads

MUD	08:00	10:00	12:00	14:00
Density kg/m³	1250	1250	1260	1255
Viscosity s/L	120	120	120	110
Filtrate cm³				
pH	9.5	9.5	9.5	9.5

Additives in kg: 4 sacks

Motor Hours: 1 3; 2 3; 3 3; 4; 5; 6

Press kPa: Pump 1; Pump 2

S.P.M.: Pump 1; Pump 2 60 60 60 60

Remarks:

SURVEYS: Depth m ° Depth m °

Crown Stopper Checked? Reset? Kelly Cock Checked? Rig Savers Checked?

Drill Line Record: Size mm; No. Lines; Metres/Lines; Total MJ; Slipped m; Cut; Next Slip; Temp.; Weather; Roads

MUD	16:00	18:00	20:00	22:00
Density kg/m³	1280	1280		
Viscosity s/L	150	210		
Filtrate cm³				
pH	10.5	10.5		

Additives in kg: 6 sacks SF

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³ OFF; Flow Rate L/min; Pressure kPa

Motor Hours: 1; 2; 3; 4; 5; 6

Press kPa: Pump 1; Pump 2

S.P.M.: Pump 1; Pump 2 40 40

Remarks: SWIVEL SEIZED AT 1615 hrs.

SURVEYS: Depth m ° Depth m °

Crown Stopper Checked? Reset? Kelly Cock Checked? Rig Savers Checked?

Drill Line Record: Size mm; No. Lines; Metres/Lines; Total MJ; Slipped m; Cut; Next Slip; Temp.; Weather; Roads

Force of String daN

BOPS	Tested: Minutes	Tested: Pressure kPa	Checked: Open & Close
Hydril			
Pipe Rams			
Blind Rams			

CASING: Ran JTS CSG; To K.B. Used Sx; Cem Plus; Plug Down @ hrs; m³ Returns

Fuel @ 00:00; Fuel Rec'd Today; Total; Fuel @ 23:59; Fuel Used

Equipment Transfers (Including Rentals): To / From Status #

Approved by Operator's Representative: Jean Bachand

Approved by Toolpush: Paul Lyon

Time Start	Time Stop	Intvl	Activity
:	07:45	1/4	
:	:	1/4	
01:30	07:30	6	PICK UP STD OF 229 DC's
:	:	1/2	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	8	
08:00	:	.	PULL OUT + RACK 229 & 178 mm DC
:	:	.	BACK IN DERRICK & PICK UP
:	:	.	STD OF 229 AND INSTALL 229
:	9:30	1.50	NR. STAB in STD.
9:30	16:00	6.50	OPEN HOLE TO 455 mm.
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	TOTAL	23	
:	:	.	
16:00	16:15	1/4	OPEN HOLE TO 455 mm
16:15	17:15	1	STRAIGHT HOLE SURVEY
17:15	19:00	1 3/4	DUMMY TRIP
19:00	20:45	1 3/4	CIRCULATE
20:45	21:45	1	trip out to run casing
21:45	:	.	Rig to Run 340 mm Casing
:	24:00	2 1/4	and Run Casing
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	8	

Boiler in Use? Camp in Use? BOP Drill Yes No Driller's Signature Roland Bedard

Boiler in Use? Camp in Use? BOP Drill Yes No Driller's Signature

I ACKNOWLEDGE HAVING WORKED THESE HOURS DURING THIS TIME AND RECEIVED NO INJURY

(EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT. IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

TOUR ① 00:00 - 08:00 Hrs

Driller T. Turcotte 8
Derrick J.C. 8
Motor Dan Patterson 8
Floor Boyd Cox 8
Floor K. Turcotte 8
Floor
Other
Other

INJURIES - COMPLETE BELOW

TOUR ② 08:00 - 16:00 Hrs

Driller R. Bedard 8
Derrick R. LAROCHELLE 8
Motor G. JEAN 8
Floor A. COFFIN 8
Floor N. LAUZE 8
Lease C. LANGLAIS 8
Mechanic C. BLANCHETTE 8
Other
Other

INJURIES - COMPLETE BELOW

TOUR ③ 16:00 - 24:00 Hrs

Driller T. ASTLE 5
Derrick J.M. MORIN 3
Motor DOUG PATTERSON 0
Floor L. MORISSETTE 3
Floor D. DESTASIO JEANS 3
Floor
Other
Other

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THESE HOURS DURING THIS TIME AND RECEIVED NO INJURY

Position	Tour #	Signature	Hrs

Toolpusher's Approval

SAFETY TALKS

Given By: Subject

Given By: Subject

CONSERVATION BOARD COPY NOTE: PLEASE SHOW METRES MADE DURING CONTROLLED DRILLING AS WELL AS HOURS

CONTRACTOR

REGENT DRILLING LIMITED

12312 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

Rig No | Well Name | Location

Pump No. 1 ▶ Type | Liner Size | Stroke Length | Pump No. 2 ▶ Type | Liner Size | Stroke Length

From	To	Metres

BITS

No.	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G

Drilling Assembly (At End of Tour)

No.		
	Bit	m
		m
		m
		m
		m
		m
		m
	Stands DC	m
	Singles DC	m
	Stands DP	m
	Singles DP	m
	Kelly Down	m
	Total	m

Force of String daN

MUD	00:00	02:00	04:00	06:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg

Desilter / Desander: Hours Operated; U/F Density kg/m³; O/F Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours	Next Oil Change
1	
2	
3	
4	
5	
6	

Remarks: Cement with 20 (x) sax Class A cement (@ 1% calcium Chloride displace (@ 15 Bbls. water.

SURVEYS: Depth m ° | Depth m °

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ?

Drill'g Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped m | Cut | Next Slip | Temp. | Weather | Roads

Boiler In Use? Hrs. | Camp In Use? Hrs. | BOP Drill Yes / No | Driller's Signature

Report Number	Start	Time Stop	Hrs
Run Casing to 43 M. with 155-91 Kg's per M. (Buttress)	00:00	00:30	.50
Rig up to circulate + Circulate	00:30	1:00	.50
Rig up Cementers and Cement	1:00	02:00	2.00
W.O.C. wait on Cement	02:00	5:00	3
	:	:	
	:	:	
	:	:

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

09362

Rig No. 6 Well Name Blanchette # 1 Location Gasoo

Pump No. 1 Type National XP-80 Liner Size 159-216 Stroke Length 406

Pump No. 2 Type Emsco D700 Liner Size 203 Stroke Length 406

Report Number 9

Date: Year 79 Month 7 Day 13 Rig No. 6

DAY TOUR

From	To	Metres

BITS

No	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G

Drilling Assembly (At End of Tour)

No		
	Bit	m
		m
		m
		m
		m
		m
		m
	Stands DC	m
	Singles DC	m
	Stands DP	m
	Singles DP	m
	Kelly Down	m
	Total	m

Force of String daN

MUD	00:00	02:00	04:00	06:00
Density kg/m³				
Viscosity s/L	32	32	32	32
Filtrate cm³				
pH	11.5	11.5	11.5	11.5
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg

Desilter / Desander: Hours Operated; U.F. Density kg/m³ Running; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours	Next Oil Change
1	
2	
3	
4	
5	
6	

Remarks

SURVEYS: Depth m | Depth m

Crown Stopper Checked? | Reset? | Kelly Cock Checked? | Rig Savers Checked?

Drill'g Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped m | Cut | Next Slip | Temp. 15°C | Weather Rain | Roads Good

Boiler In Use? Hrs 0 | Camp In Use? Hrs 0 | BOP Drill Yes / No | Driller's Signature Tom Turcott

Time Start	Time Stop	Intvl
24:00	2:00	2
:	:	
:	:	
:	:

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

Rig No 6 Well Name BLANCHETTE 1

09363

Pump No. 1 ▶ National 5120 Type | Liner Size 152 mm | Stroke Length 216 mm
Pump No. 2 ▶ Emsco D700 Type | Liner Size 305 mm | Stroke Length 406 mm
Location Gaspe

Report Number 10

Date: Year 89 Month 7 Day 14 | Rig No 6

I ACKNOWLEDGE HAVING WORKED THESE HOURS DURING THIS TIME I RECEIVED NO INJURY.
(EMPLOYEE IS REQUIRED TO SIGN PERSONALLY IN AT THE COMPLETION OF EACH SHIFT) IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

Bits

From	To	Metres	No.	Size mm	Type	Jets mm	Serial No.	Force daN	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G
			B														
			I														
			T														
			S														

Drilling Assembly (At End of Tour)

No.		m
	Bit	m
		m
		m
		m
		m
		m
		m
		m
	Stands DC	m
	Singles DC	m
	Stands DP	m
	Singles DP	m
	Kelly Down	m
	Total	m

Force of String daN

Mud

MUD	00:00	02:00	04:00	06:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg

Desilter / Desander: Hours Operated not running; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours	Next Oil Change
1 8	July 23
2 8	July 23
3 8	July 23
4	
5	
6	

Remarks

Surveys: Depth m ° Depth m °

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ?

Drill'g Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped m | Cut | Next Slip

Temp.	Weather	Roads
12°C	Good	Good

Boiler In Use? Hrs 0 | Camp In Use? Hrs 0 | BOP Drill Yes No | Driller's Signature Tom Turrift

From	To	Time Start	Time Stop	Intvl	
		:	:	.	
		:	:	.	
		:	:	.	
Wait on Swivel		24:00	08:00		
		:	:	.	
		:	:	.	
		:	:	.	
		:	:	.	
		:	:	.	
		:	:	.	
		:	:	.	
		:	:	.	

INJURIES - COMPLETE BELOW

TOUR ① 08:00 - 16:00 Hrs

		Hrs
Driller	T. Turrift	8
Derrick	J. Canuel	8
Motor	Dan Patterson	8
Floor	Boyd Coffin	8
Floor	Ron Turrift	8
Floor		
Other		
Other		

INJURIES - COMPLETE BELOW

TOUR ② 08:00 - 16:00 Hrs

		Hrs
Driller	R. BEDARD	8
Doghck	R. LAROCHELLE	8
Motor	G. JEAN	8
Floor	A. COFFIN	8
Floor	N. LAUZÉ	8
Lease		
Mechanic	C. BLANCHETTE	8
Other		

INJURIES - COMPLETE BELOW

TOUR ③ 16:00 - 24:00 Hrs

		Hrs
Driller	T. ASTLE	8
Derrick	J.M. MORIN	8
Motor	DAVE PATTERSON	8
Floor	J. MORISSETTE	8
Floor	P. DESTARDENS	8
Floor		
Other		
Other		

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW DURING THIS TIME I RECEIVED INJURIES AS REPORTED ON THE SUMMARY ACCIDENT REPORT (PART 1)

Position	Tour	Signature	Hrs

Toolpusher's Approval

SAFETY TALKS
Given By:
Subject

Given By:
Subject

Bits

From	To	Metres	No.	Size mm	Type	Jets mm	Serial No.	Force daN	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G
			B														
			I														
			T														
			S														

Drilling Assembly (At End of Tour)

No.		m
		m
		m
		m
		m
		m
		m
		m
		m
	Stands DC	m
	Singles DC	m
	Stands DP	m
	Singles DP	m
	Kelly Down	m
	Total	m

Force of String daN

Mud

MUD	08:00	10:00	12:00	14:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours	Next Oil Change
1 0	July 23
2 0	July 23
3 0	July 23
4	
5	
6	

Remarks

Surveys: Depth m ° Depth m °

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ?

Drill'g Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped m | Cut | Next Slip

Temp.	Weather	Roads
15°P	Good	Good

Boiler In Use? Hrs 0 | Camp In Use? Hrs 0 | BOP Drill Yes No | Driller's Signature R. Island Bédard

From	To	Time Start	Time Stop	Intvl	
		:	:	.	
		:	:	.	
		:	:	.	
		:	:	.	
		:	:	.	
		:	:	.	
		:	:	.	
		:	:	.	
		:	:	.	
		:	:	.	
		:	:	.	
TOTAL				8	

Bits

From	To	Metres	No.	Size mm	Type	Jets mm	Serial No.	Force daN	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G
			B														
			I														
			T														
			S														

Drilling Assembly (At End of Tour)

No.		m
	Bit	m
		m
		m
		m
		m
		m
		m
		m
	Stands DC	m
	Singles DC	m
	Stands DP	m
	Singles DP	m
	Kelly Down	m
	Total	m

Force of String daN

Mud

MUD	16:00	18:00	20:00	22:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours	Next Oil Change
1 0	July 23
2 0	July 23
3 0	July 23
4	
5	
6	

Remarks

Surveys: Depth m ° Depth m °

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ?

Drill'g Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped m | Cut | Next Slip

Temp.	Weather	Roads
15°	CLEAR	FAIR

Boiler In Use? Hrs 0 | Camp In Use? Hrs 0 | BOP Drill Yes No | Driller's Signature Timothy Astle

From	To	Time Start	Time Stop	Intvl	
WAIT ON SWIVEL		16:00	24:00	8	
		:	:	.	
		:	:	.	
		:	:	.	
		:	:	.	
		:	:	.	
		:	:	.	
		:	:	.	
		:	:	.	
		:	:	.	
		:	:	.	
		:	:	.	

BOPs	Tested: Minutes	Tested: Pressure kPa	Checked: Open & Close
Hydril			
Pipe Rams			
Blind Rams			

CASING: Ran JTS OSO | To KB Used Sx | Cem Plus | Plug Down @ hrs | m³ Returns

Fuel @ 00:00 | Fuel Rec'd Tocs. T. Thanks | Total | Fuel @ 23:59 | Fuel Used

Equipment Transfers (including Rental): To / From | Trans #

Approved by Operator's Representative: Jean Bouchard

Approved by Toolpush: R. Island Bédard

CONSERVATION BOARD COPY NOTE: PLEASE SHOW METRES MADE DURING CONTROLLED DRILLING AS WELL AS HOURS

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

09365

Rig No. 6 Well Name BLANCHETTE 1

Pump No. 1 Type NATIONAL 8P80 Liner Size 159 Stroke Length 216
Pump No. 2 ▶ ENSCO D700 Liner Size 203 Stroke Length 406
Location GASPE Report Number 12

Date: Year 77 Month 7 Day 16 Rig No. 6

I ACKNOWLEDGE HAVING WORKED THESE HOURS DURING THIS TIME RECEIVED NO INJURY

(EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT) IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

BITS

No.	Size	Type	Jets mm	Serial No.	Force daN	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G
1	311	583	3-11/16	612714		55								
2	311	583	3-11/16	612714	200	65	19	6.7	4m	1/2				

Drilling Assembly (At End of Tour)

No.		Metres
	Bit	
1	NMS	1.42 m
2	STAB	2.81 m
1	DC	9.83 m
1	ACCES	1.06 m
1	DC	9.79 m
1	STAB	3.10 m
	Stands DC	
2	Singles DC	37.23 m
	Stands DP	
	Singles DP	
	Kelly Down	12.30 m
	Total	102.41 m

MUD

	00:00	02:00	04:00	06:00
Density kg/m³				
Viscosity s/L	32			←
Filtrate cm³				
pH	11			11

Additives in kg: 11 GELEX

Press kPa: Pump 1 / Pump 2
S.P.M.: Pump 1 / Pump 2
Remarks

Desilter / Desander

Hours Operated
U/F Density kg/m³
O/F Density kg/m³
Flow Rate L/min
Pressure kPa

Motor Hours

	Hours	Next Oil Change
1	8	2nd 2
2	8	2nd 2
3	0	2nd 2
4		
5		
6		

SURVEYS

Depth m / Depth m

Crown Stopper Checked? Reset? Kelly Cock Checked? Rig Savers Checked?

Force of String daN

Drill'g Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped m | Cut | Next Slip

Temp. 14°P Clear Weather FAIR Roads

Boiler In Use? Hrs 0 | Camp In Use? Hrs 0 | BOP Drill Yes / No | Driller's Signature Roland Benard

From	To	Metres
0	125	125

Drilling Assembly (At End of Tour)

No.		Metres
1	Bit	1.42 m
2	STAB	2.81 m
1	DC	9.83 m
1	ACCES	1.06 m
1	DC	9.79 m
1	STAB	3.10 m
2	Stands DC	
	Singles DC	64.17 m
	Stands DP	
	Singles DP	
	Kelly Down	6.77 m
	Total	124 m

MUD

	12:00	18:00	20:00	22:00
Density kg/m³		1050	1050	1100
Viscosity s/L		105	110	170
Filtrate cm³				
pH		11.5	11.5	11.5

Additives in kg: GEL - 18 sx; KCL - 30 sx; CAUSTIC - 9 sx; SOPA 854 - 1 sx

Press kPa: Pump 1 / Pump 2: 7000 / 6900 / 6900
S.P.M.: Pump 1 / Pump 2: 42 / 42 / 42
Remarks

Desilter / Desander

Hours Operated
U/F Density kg/m³
O/F Density kg/m³
Flow Rate L/min
Pressure kPa

Motor Hours

	Hours	Next Oil Change
1		
2		
3		
4		
5		
6		

SURVEYS

Depth 120 m / Depth m

Crown Stopper Checked? Reset? Kelly Cock Checked? Rig Savers Checked?

Force of String 37000 daN

Drill'g Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped m | Cut | Next Slip

Temp. | Weather | Roads

Boiler In Use? Hrs 0 | Camp In Use? Hrs | BOP Drill Yes / No | Driller's Signature

BOPS

	Tested: Minutes	Pressure kPa	Checked: Open & Close
Hydril			
Pipe Rams			
Blind Rams			

CASING

Ran JTS CSG | To K.B Used | Cem Plus | Plug Down @ hrs | m³ Returns

Fuel @ 00:00 | Fuel Rec'd Today | Total | Fuel @ 23:59 | Fuel Used

Equipment Transfers (including Rental): To / From | Trans #

Approved by Operator's Representative: Jean Bradreault

Approved by Toolpush

Start	Time Stop	Hrs
000	8:00	8
:	:	
:	:	
:	:	
:	:	
:	:	
:	:	
:	:	
:	:	
:	:	
:	:	
TOTAL		8

WAIT ON SWIVEL

TOUR 1 — 00:00 - 08:00 Hrs

Driller R. Bedard
Derrick R. LAROCHELLE
Motor G. JEAN
Floor A. COFFIN
Floor N. LAOZE
Floor
Other
Other

INJURIES - COMPLETE BELOW

Start	Time Stop	Hrs
08:00	10:00	2
10:00	11:30	1.50
11:30	13:00	1.50
13:00	14:30	1.50
14:30	16:00	1.50
:	:	
:	:	
:	:	
:	:	
:	:	
:	:	
:	:	
TOTAL		8

WAIT ON SWIVEL
PICK UP SWIVEL + RUN IN HOLE TO 21 METRES
DRILL OUT CEMENT
PULL OUT TO PICK UP STABILIZERS
RUN IN AND REAM TO 105 M

TOUR 2 — 08:00 - 16:00 Hrs

Driller T. ASTLE
Derrick J.M. MORIN
Motor DOUG PATTERSON
Floor P. DESJARDINS
Floor C. L'ANGLAIS
Lease J. DUBEAU
Mechanic C. BLANCHETTE
Other

INJURIES - COMPLETE BELOW

Start	Time Stop	Hrs
1600	16:30	.50
1630	21:00	4.50
2100	22:30	.50
2230	7:00	1.50
:	:	
:	:	
:	:	
:	:	
:	:	
:	:	
:	:	
:	:	
:	:	
:	:	
:	:	
TOTAL		8

FINISH REAMING AND CLEAN HOLE
DRILL
SURVEY AND RIG SERVICE
DRILL

TOUR 3 — 16:00 - 24:00 Hrs

Driller E.D. DINDHOF
Derrick J. MORISSETTE
Motor L. TURRIFF
Floor ROGER PATTERSON
Floor GERARD TRUDEL
Floor
Other
Other

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN DURING THIS TOUR AND RECEIVED NO INJURY EXCEPT AS REPORTED ON THE ACCIDENT REPORT SHEET

Position	Tour #	Signature	Hrs

Toolpusher's Approval

SAFETY TALKS
Given By: Subject
Given By: Subject

Boiler In Use? Hrs 0 | Camp In Use? Hrs | BOP Drill Yes / No | Driller's Signature Ed Dindhof

CONSERVATION BOARD COPY NOTE: PLEASE SHOW METRES MADE DURING CONTROLLED DRILLING AS WELL AS HOURS

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

09366

Rig No 6 Well Name BLANCHETTE #1 Location GASPE

Pump No. 1 ▶ National 8P90 Liner Size 159 Stroke Length 216 Pump No. 2 ▶ EMSCO D700 Liner Size 203 Stroke Length 406

Report Number 13

Date: Year 79 Month 7 Day 17 Rig No. 6

I ACKNOWLEDGE HAVING WORKED THESE HOURS DURING THIS TIME I RECEIVED NO INJURY.

(EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

BITS

From	To	Metres	No.	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G
124	147	23	RR 3A	311	S88	3-11.10	612714	8000	65	42	14½						
147	171	24	RR 3A	311	S88	3-11.10	612714	10000	62	56	22½						
171	194	23	RR 3A	311	S88	3-11.10	612714	10000	55/60	89	24½						

Drilling Assembly (At End of Tour)

No.			
1	BIT		
	STAB	2.81	m
1	SO	8.88	m
1	IBS	1.06	m
1	XO	0.79	m
42	DC	38.10	m
3	Stands DC	82.32	m
	Singles DC		m
	Stands DP		m
	Singles DP		m
	Kelly Down	12.20	m
	Total	147.58	m
Force of String		40.000	daN

No.			
			m
			m
1	IBS	1.42	m
1	STAB	2.81	m
1	SO	8.88	m
1	IBS	1.06	m
1	XO	0.79	m
42	DC	38.10	m
3	Stands DC	82.32	m
	Singles DC		m
	Stands DP		m
	Singles DP		m
	Kelly Down	12.20	m
	Total	171.43	m
Force of String		43.000	daN

No.			
			m
			m
1	NBS	1.42	m
1	STAB	2.81	m
1	SO	8.88	m
1	IBS	1.06	m
1	XO	0.79	m
42	DC	38.10	m
3	Stands DC	82.32	m
	Singles DC	11.24	m
	Stands DP		m
	Singles DP	19.11	m
	Kelly Down	12.20	m
	Total	174.09	m
Force of String		45.000	daN

MUD

	00:00	02:00	04:00	08:00
Density kg/m³	1070	1070	1070	1070
Viscosity s/L	80	80	80	80
Filtrate cm³				
pH	11.5	11.5	11.5	11.5
Press kPa Pump 1				
Press kPa Pump 2	6700	6700	6700	6700
S.P.M. Pump 1				
S.P.M. Pump 2	40	40	40	NO

Additives in kg: 18 gel 5x, 2 poly

Desilter / Desander: Hours Operated 8; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours: 1 8, 2 8, 3 8, 4, 5, 6

Next Oil Change: July 2, July 2, July 2

Remarks: DESILTER under flow 1070, over flow 1050

Surveys: Depth 138 m, ° ; Depth m, °

Crown Stopper Checked? Reset? Kelly Cock Checked? Rig Savers Checked?

Drill'g Line Record: Size mm, No. Lines, Megajoules, Total MJ, Slipped m, Cut, Next Slip

Temp. 16°C, Weather RAIN, Roads FAIR

Boiler in Use? Hrs 0 | Camp in Use? Hrs 0 | BOP Drill Yes / No | Driller's Signature Richard Bédard

MUD

	08:00	10:00	12:00	14:00
Density kg/m³	1050	1050	1050	1050
Viscosity s/L	52	52	48	48
Filtrate cm³				
pH	11.5	11.5	11.5	11.5
Press kPa Pump 1				
Press kPa Pump 2	6000	6000	6000	6000
S.P.M. Pump 1				
S.P.M. Pump 2	40	40	40	40

Additives in kg: KCL 20 SX, Poly 1 PAIL

Desilter / Desander: Hours Operated 8 HRS; U.F. Density kg/m³ 1110; O.F. Density kg/m³ 1050; Flow Rate L/min 12 L; Pressure kPa

Motor Hours: 1 8, 2 8, 3 8, 4, 5, 6

Next Oil Change: July-23, July-23, July-23

Remarks: MUD + GAS SAVER TANK.

Surveys: Depth 156 m, ° ; Depth m, °

Crown Stopper Checked? Reset? Kelly Cock Checked? Rig Savers Checked?

Drill'g Line Record: Size 32 mm, No. Lines 10, Megajoules, Total MJ, Slipped m, Cut, Next Slip

Temp. 15°C, Weather CLOUD, Roads FAIR

Boiler in Use? Hrs 0 | Camp in Use? Hrs 0 | BOP Drill Yes / No | Driller's Signature Timothy Astle

MUD

	16:00	18:00	20:00	22:00
Density kg/m³	1050	1050	1050	1070
Viscosity s/L	55	52	43	44
Filtrate cm³				
pH	11.5	11.5	11	11.0
Press kPa Pump 1				
Press kPa Pump 2	6200	6000	6000	6000
S.P.M. Pump 1				
S.P.M. Pump 2	44	42	42	42

Additives in kg: CMC - 14 sx, Caustic - 4 sx

Desilter / Desander: Hours Operated 8; U.F. Density kg/m³ 1120; O.F. Density kg/m³ 1040; Flow Rate L/min 12 L; Pressure kPa

Motor Hours: 1 8, 2 8, 3 8, 4, 5, 6

Next Oil Change: July-23, July-23, July-23

Surveys: Depth 174 m, ¾ ° ; Depth 192 m, ¾ °

Crown Stopper Checked? Reset? Kelly Cock Checked? Rig Savers Checked?

Drill'g Line Record: Size mm, No. Lines, Megajoules, Total MJ, Slipped m, Cut, Next Slip

Temp. 10°C, Weather RAIN, Roads FAIR

Boiler in Use? Hrs 0 | Camp in Use? Hrs 0 | BOP Drill Yes / No | Driller's Signature Ed Donahoe

Time

	Start	Stop	Intvl
DRILL 311 MM HOLE	0:00	4:00	4:00
SURVEY AND RIG SERVICE	4:00	4:30	:50
DRILL	4:30	8:00	3:50
	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•
TOTAL			8

TOUR ① 00:00 - 08:00 Hrs

Driller R. Bédard 8
Derrick R. LAROCHELLE 8
Motor G. JEAN 8
Floor A. COFFIN 8
Floor N. LAUZÉ 8
Floor
Other
Other

INJURIES - COMPLETE BELOW

DRILL 311 MM HOLE	8:00	11:15	3¼
SURVEY + RIG SERVICE	11:15	11:30	:¼
DRILL	11:30	16:00	4½
	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	8

TOUR ② 08:00 - 16:00 Hrs

Driller T. ASTLE 8
Derrick J.M. MORIN 8
Motor DAVID PATTERSON 8
Floor P. DESJARDINS 8
Floor C. LANGLAIS 8
Lease J. DUREAU 8
Mechanic C. BLANCHETTE 8
Other
INJURIES - COMPLETE BELOW

DRILL 311 MM Hole	16:00	16:30	:50
SURVEY AND RIG SERVICE	16:30	17:00	:50
DRILL 311 MM Hole	17:00	22:45	5:75
SURVEY	22:45	23:00	:15
DRILL	23:00	24:00	1
	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	8

TOUR ③ 16:00 - 24:00 Hrs

Driller E.D. DONAHOE 8
Derrick J. MORISSETTE 8
Motor L. TURRITT 8
Floor ROGER PATTERSON 8
Floor GERARD TRUDEL 8
Floor
Other
Other
INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW DURING THIS TOUR. ALL INJURIES ARE REPORTED ON THE ATTACHED ACCIDENT REPORT (PART 1)

Position	Tour #	Signature	Hrs.

Toolpusher's Approval

SAFETY TALKS

Given By: T. ASTLE
Subject: USE OF EMERGENCY BRAKE AND HOW TO USE IT

Given By:
Subject

BOPS

	Tested: Minutes	Tested: Pressure kPa	Checked: Open & Close
Hydril			
Pipe Rams			
Blind Rams			

CASING

Ran 5 JTS, OSG
To 42.7 K.B. Used 5X
Csm Plus
Plug Down @ hrs
m³ Returns

Fuel @ 00:00 TRITIUM
Fuel Rec'd Today BATTLE 79
Total
Fuel @ 23:59
Fuel Used

Equipment Transfers (Including Rental)

To / From	Trans #

Approved by Operator's Representative: Jean Boudreault

Approved by Toolpush: P. Lundgren

CONSERVATION BOARD COPY NOTE: PLEASE SHOW METRES MADE DURING CONTROLLED DRILLING AS WELL AS HOURS

CONTRACTOR

REGENT DRILLING LIMITED

12812 - 125 AVENUE
EDMONTON, ALBERTA 455 3121

09367

Rig No 6 Well Name BLANCHETTE

Location GASPE Report Number 4

Date: Year 79 Month 7 Day 18 Rig No. 6

I ACKNOWLEDGE HAVING WORKED THESE HOURS DURING THIS TIME AND RECEIVED NO INJURY

(EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT) IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

Pump No. 1 ▶ NATIONAL 9P80 Liner Size 159 - 216 Stroke Length

Pump No. 2 ▶ EMSCO DB700 Liner Size 203 - 426 Stroke Length

From	To	Metres
197	212	18
212	225	13
225	249	24

BITS

	No.	Size mm	Type	Jets mm	Serial No.	Force daN	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G
1	RR 3A	311	S88	3-11-10	612714	10000	65	107	36¾						
2	RR 3A	311	S88	3-11-10	612714	10000	65	120	41¾						
3	RR 3A	311	S88	3-11-10	612714	10000	55	145	48¾						

Drilling Assembly (At End of Tour)

No.			
1	Bit	NBS	1.42 m
2	STAB		2.31 m
1	SD		8.88 m
1	BCPM		1.06 m
1	XO		0.79 m
4	229P	3810	m
4	Stands DC		m
1	Singles DC	118.24	m
	Stands DP		m
1	Singles DP	37.90	m
1	Kelly Down	2.80	m
	Total	212.00	m

Force of String 45.000 daN

Drilling Assembly (At End of Tour)

No.			
1	NBS		1.42 m
1	STAB		2.31 m
1	SD		8.88 m
1	BCPM		1.06 m
1	XO		0.79 m
4	229P	3810	m
4	Stands DC		m
1	Singles DC	118.24	m
	Stands DP		m
1	Singles DP	47.45	m
1	Kelly Down	2.80	m
	Total	225.00	m

Force of String 46.000 daN

Drilling Assembly (At End of Tour)

No.			
1	Bit	NBS	1.42 m
1	STAB		2.31 m
1	SD		8.88 m
1	BCPM		1.06 m
1	XO		0.79 m
4	229P	3810	m
4	Stands DC		m
1	Singles DC	118.24	m
	Stands DP		m
1	Singles DP	66.12	m
1	Kelly Down	19.20	m
	Total	249.00	m

Force of String 46.000 daN

MUD / Desilter / Desander / Motor Hours / Next Oil Change

	00:00	02:00	04:00	06:00
Density kg/m³	1050	1050	1050	1050
Viscosity s/L	47	50	50	52
Filtrate cm³				
pH	11.5	11.5	11.5	11.5
Press kPa Pump 1				
Press kPa Pump 2	6000	6000	6000	6000
S.P.M. Pump 1				
S.P.M. Pump 2	40	40	40	40

Additives in kg: 10 LIGNOSOL SX

Desilter / Desander: Hours Operated 8 HRS; U.F. Density kg/m³ 1090; O.F. Density kg/m³ 1020; Flow Rate L/min 12L; Pressure kPa

Motor Hours: 1 8; 2 8; 3 8; 4; 5; 6

Next Oil Change: 1 JULY-23; 2 JULY-23; 3 JULY-23

Surveys: Depth m 211 ½°; Depth m

Remarks:

Crown Stopper Checked? Reset? Kelly Cock Checked? Rig Savers Checked?

Drill'g Line Record: Size mm; No. Lines; Megajoules; Total MJ; Slipped m; Cut; Next Slip; Temp. 15°C; Weather Clear; Roads FAIR

MUD / Desilter / Desander / Motor Hours / Next Oil Change

	08:00	10:00	12:00	14:00
Density kg/m³	1050	1050	1066	
Viscosity s/L		42	52	
Filtrate cm³				
pH	11.5	11.5	11.5	
Press kPa Pump 1				
Press kPa Pump 2	6000	6000	6000	
S.P.M. Pump 1				
S.P.M. Pump 2	40	40	40	

Additives in kg: KCL 55 kg; SCAVENGER 36L

Desilter / Desander: Hours Operated 8 HRS; U.F. Density kg/m³ 1120; O.F. Density kg/m³ 1050; Flow Rate L/min 12L; Pressure kPa

Motor Hours: 1 2; 2 18½; 3; 4; 5; 6

Next Oil Change: 1 JULY-23; 2 JULY-23; 3 JULY-23

Surveys: Depth m; Depth m

Remarks:

Crown Stopper Checked? Reset? Kelly Cock Checked? Rig Savers Checked?

Drill'g Line Record: Size mm 32; No. Lines 10; Megajoules; Total MJ; Slipped m; Cut; Next Slip; Temp. 5°C; Weather SUN; Roads FAIR

MUD / Desilter / Desander / Motor Hours / Next Oil Change

	16:00	18:00	20:00	22:00
Density kg/m³	1040	1040	1040	1050
Viscosity s/L	44	44	42	42
Filtrate cm³				
pH	11.5	11.5	11.5	11
Press kPa Pump 1	105	105	105	105
Press kPa Pump 2				
S.P.M. Pump 1	6000	6000	6000	5000
S.P.M. Pump 2				

Additives in kg: GEL 12; SCAVE. 90kg; SCAV. 36

Desilter / Desander: Hours Operated; U.F. Density kg/m³ 1110; O.F. Density kg/m³ 1020; Flow Rate L/min 120; Pressure kPa

Motor Hours: 1 8; 2 8; 3 8; 4; 5; 6

Next Oil Change: 1 JULY-23; 2 JULY-23; 3 JULY-23

Surveys: Depth m 231 ½°; Depth m

Remarks: Change oil in triplex into Jet

Crown Stopper Checked? Reset? Kelly Cock Checked? Rig Savers Checked?

Drill'g Unit Record: Size mm; No. Lines; Megajoules; Total MJ; Slipped m; Cut; Next Slip; Temp. 15°C; Weather; Roads

Time	Start	Stop	Intvl	Activity
	000	615	6¼	DRILL
	615	630	.25	RIG SERVICE
	630	830	1.50	DRILL
	:	:	.	
	:	:	.	
	:	:	.	
	:	:	.	
	:	:	.	
	:	:	.	
	:	:	.	
	:	:	.	
	TOTAL		8	

Boiler In Use? Hrs 0 Camp In Use? Hrs 0 BOP Drill Yes No Driller's Signature Roland Bédard

Time	Start	Stop	Intvl	Activity
	0830	0930	1½	SHUT DOWN TO WORK ON COMPOUND
	0930	1330	3¾	DRILL 311 mm HOLE
	1330	1330	1	PULL OUT TO UNPLUG BIT
	1330	1430	1	RUN IN HOLE
	1430	1600	1½	DRILL
	:	:	.	
	:	:	.	
	:	:	.	
	:	:	.	
	:	:	.	
	:	:	.	
	:	:	.	
	:	:	.

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

09368

Rig No. 6 Well Name BLANCHETTE #1

Pump No 1 ▶ National 8P90 Liner Size 159 Stroke Length 216 Pump No 2 ▶ EMSCO D720 Liner Size 203 Stroke Length 406 Location GASPE

Report Number 15

From	To	Metres
249	278	29

BITS

No.	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G
RR #4	311	S84	3-11-10	612714			173	56½						

Drilling Assembly (At End of Tour)

No.			
1	Bit	11.55	1.42 m
2	Stabs	2.81	m
150		9.86	m
1	8.00	1.56	m
1	X O	0.79	m
			m
4	229.00	38.10	m
14	Stands DC		m
1	Singles DC	11.24	m
	Stands DP		m
3	Singles DP	94.76	m
	Kelly Down	13.20	m
	Total	278	m

MUD	00:00	02:00	04:00	06:00
Density kg/m³	1050	1050	1050	
Viscosity s/L	44	45	115	
Filtrate cm³				
pH	11.5	11.5	11.5	
Press kPa Pump 1	4500	3000		
Press kPa Pump 2	5700	6500	6500	
S.P.M. Pump 1		136		
S.P.M. Pump 2	48	47	44	48

Additives in kg: 15 ALS X

Desilter / Desander: Hours Operated; I/F Density kg/m³ 1070; O/F Density kg/m³ 1050; Flow Rate L/min; Pressure kPa

Motor Hours: 1 8 July 2; 2 8 July 2; 3 8 July 2; 4; 5; 6

Next Oil Change

SURVEYS: Depth m 249 ¾°; Depth m 268 ¾°

Crown Stopper Checked? Reset? Kelly Cock Checked? Rig Savers Checked?

Drill'g Line Record: Size mm; No. Lines; Megajoules; Total MJ; Slipped m; Cut; Next Slip

Temp. 17°C Weather Clear Roads FAIR

Force of String 46 000 daN

Boiler In Use? Hrs 0 Camp In Use? Hrs 0 BOP Drill Yes No Driller's Signature Roland Bédard

Start	Stop	Intvl	Survey Rig service / DRILL
0:00	0:75	0¾	Survey Rig service
0:75	5:00	4.75	DRILL
5:00	5:15	¼	Survey Rig service
5:15	8:00	4.75	DRILL
	TOTAL	8	

TOUR ① 00:00 - 08:00 Hrs

Driller	R. Bédard	8
Derrick	R. LAROCHELLE	8
Motor	G. JEAN	8
Floor	A. COFFIN	8
Floor	N. LAUZE	8
Floor		
Other		
Other		

I ACKNOWLEDGE HAVING WORKED THESE HOURS DURING THIS TIME I RECEIVED NO INJURY

(EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT) IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

INJURIES - COMPLETE BELOW

From	To	Metres
278	295	17

BITS

No.	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G
RR #4	311	S88	3-11-10	612714		50/60	190	63½						

Drilling Assembly (At End of Tour)

No.			
			m
			m
1	UBS	1.42	m
1	Stabs	2.81	m
1	50	2.88	m
1	8.00	1.06	m
1	X O	0.79	m
4	229.00	38.10	m
	Stands DC		m
1	Singles DC	11.89	m
4	Stands DP	113.35	m
	Singles DP		m
	Kelly Down	10.85	m
	Total	255.50	m

MUD	08:00	10:00	12:00	14:00
Density kg/m³	1050	1050	1050	
Viscosity s/L	42	48	70	
Filtrate cm³				
pH	11.5	11.5	11.5	
Press kPa Pump 1				
Press kPa Pump 2	4800	6000	6200	
S.P.M. Pump 1				
S.P.M. Pump 2	45	42	42	

Additives in kg: KCL 90 SX; POLY PAC; SI AUBIGEL BL

Desilter / Desander: Hours Operated 1120; I/F Density kg/m³ 1050; O/F Density kg/m³ 1210; Flow Rate L/min; Pressure kPa

Motor Hours: 1 8 July 2; 2 8 July 2; 3 8 July 2; 4; 5; 6

Next Oil Change

Remarks: STARTED OUT TO RUN CASING

SURVEYS: Depth m 295 ¾°; Depth m

Crown Stopper Checked? Reset? Kelly Cock Checked? Rig Savers Checked?

Drill'g Line Record: Size 32 mm; No. Lines 10; Megajoules 2502; Total MJ 130024; Slipped m; Cut; Next Slip 7150; Temp. 22°; Weather SUNNY; Roads FAIR

Force of String 47,000 daN

Boiler In Use? Hrs 0 Camp In Use? Hrs 0 BOP Drill Yes No Driller's Signature T. Astle

Start	Stop	Intvl	DRILL 311 mm HOLE / CIRCULATE / DUMMY TRIP 4 STANDS / DOUBLE HEADER / CIRCULATE / PULL OUT TO LAY DOWN / 229mm COLLARS & STABS / RUN CASING
08:00	13:30	5½	DRILL 311 mm HOLE
13:30	14:00	1	CIRCULATE
14:00	:	.	DUMMY TRIP 4 STANDS
:	14:45	¾	DOUBLE HEADER
14:45	15:15	½	CIRCULATE
15:15	:	.	PULL OUT TO LAY DOWN
:	:	.	229mm COLLARS & STABS
:	16:00	¾	RUN CASING
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	

TOUR ② 08:00 - 16:00 Hrs

Driller	T. ASTLE	13
Derrick	J.M. MORIN	13
Motor	DOUG PATTERSON	13
Floor	P. DESJARDINS	13
Floor	C. LANGLAIS	14
Lease	J. AUBEAU	8
Mechanic	C. BLANCHETTE	8
Other		

INJURIES - COMPLETE BELOW

TOUR ③ 16:00 - 24:00 Hrs

Driller	E.D. DONAHOE	8
Derrick	J. MORISSETTE	8
Motor	L. TURRIFF	8
Floor	ROGER PATTERSON	8
Floor	GERARD TRUDEL	8
Floor		
Other		
Other		

INJURIES - COMPLETE BELOW

From	To	Metres

BITS

No.	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G

Drilling Assembly (At End of Tour)

No.			
	Bit		m
			m
			m
			m
			m
			m
			m
			m
	Stands DC		m
	Singles DC		m
	Stands DP		m
	Singles DP		m
	Kelly Down		m
	Total		m

MUD	16:00	18:00	20:00	22:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg

Desilter / Desander: Hours Operated; I/F Density kg/m³; O/F Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours: 1; 2; 3; 4; 5; 6

Next Oil Change

Remarks: Ran 500 sax class G neat cement displaced plug with 73 BBL - fresh water. Ran 50 sax neat cement. Had good returns.

SURVEYS: Depth m; Depth m

Crown Stopper Checked? Reset? Kelly Cock Checked? Rig Savers Checked?

Drill'g Line Record: Size mm; No. Lines; Megajoules; Total MJ; Slipped m; Cut; Next Slip; Temp.; Weather; Roads

Force of String daN

Boiler In Use? Hrs 0 Camp In Use? Hrs 0 BOP Drill Yes No Driller's Signature E.D. Donahoe

Start	Stop	Intvl	Run Casing / Circulate Casing / Cement Casing / W.O.C.
16:00	21:00	5	Run Casing
21:00	21:30	½	Circulate Casing
21:30	22:30	1	Cement Casing
22:30	24:00	1½	W.O.C.

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

Rig No 6 | Well Name

09369

Pump No. 1 ▶ Type NATIONAL 8P80 | Liner Size 127 | Stroke Length 216
Pump No. 2 ▶ Type EMSCO D700 | Liner Size 140 | Stroke Length 406

Location GASPÉ | Report Number 16

Date: Year 79 Month 7 Day 20 | Rig No. 6

I ACKNOWLEDGE HAVING WORKED THESE HOURS DURING THIS TIME I RECEIVED NO INJURY.

(EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT) IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

From	To	Metres	Bit No	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G
			B														
			I														
			T														
			S														

No.	Drilling Assembly (At End of Tour)	Metres
	Bit	m
		m
		m
		m
		m
		m
		m
		m
	Stands DC	m
	Singles DC	m
	Stands DP	m
	Singles DP	m
	Kelly Down	m
	Total	m
Force of String		daN

MUD	00:00	02:00	04:00	06:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours		Next Oil Change
1	8	July 23
2	8	July 23
3	8	July 23
4		
5		
6		

Remarks

SURVEYS: Depth m ° | Depth m °

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ?

Drill'g Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped m | Cut | Next Slip | Temp. | Weather | Roads

Temp. 17°C | Weather clear | Roads GOOD

Boiler In Use? Hrs 0 | Camp In Use? Hrs 0 | BOP Drill Yes No | Driller's Signature Roland Bédard

From	To	Metres	Bit No	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G
			B														
			I														
			T														
			S														

No.	Drilling Assembly (At End of Tour)	Metres
		m
		m
		m
		m
		m
		m
		m
		m
	Stands DC	m
	Singles DC	m
	Stands DP	m
	Singles DP	m
	Kelly Down	m
	Total	m
Force of String		daN

MUD	08:00	10:00	12:00	14:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours		Next Oil Change
1	9	July 23
2	9	July 23
3	9	July 23
4		
5		
6		

Remarks

SURVEYS: Depth m ° | Depth m °

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ?

Drill'g Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped m | Cut | Next Slip | Temp. | Weather | Roads

Drill'g Line Record: 32 | 10 | 2502 | 130024 | – | – | 7150 | 15° | CLOUD | GOOD

Boiler In Use? Hrs 0 | Camp In Use? Hrs 0 | BOP Drill Yes No | Driller's Signature [signature]

From	To	Metres	Bit No	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G
			B														
			I														
			T														
			S														

No.	Drilling Assembly (At End of Tour)	Metres
	Bit	m
		m
		m
		m
		m
		m
		m
		m
	Stands DC	m
	Singles DC	m
	Stands DP	m
	Singles DP	m
	Kelly Down	m
	Total	m
Force of String		daN

MUD	16:00	18:00	20:00	22:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours		Next Oil Change
1	0	July 23
2	0	July 23
3	0	July 23
4		
5		
6		

Remarks

SURVEYS: Depth m ° | Depth m °

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ?

Drill'g Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped m | Cut | Next Slip | Temp. | Weather | Roads

Drill'g Line Record: 32 | 10 | 2502 | 130024 | – | – | 7150 | 15° | RAIN | [illegible]

Boiler In Use? Hrs 0 | Camp In Use? Hrs 0 | BOP Drill Yes No | Driller's Signature Ed Donahoe

Start	Time Stop	Intvl	
000	8:00	8	W.O. CASING Cement
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
08:00	16:00	8	WAIT ON CEMENT
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
16:00	24:00	8	WAIT ON CEMENT
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	

INJURIES - COMPLETE BELOW

TOUR ① 00:00 - 08:00 | Hrs.

Driller	R. BÉDARD	8
Derrick	R. LAROCHELLE	8
Motor	G. JEAN	8
Floor	A. COFFIN	8
Floor	N. LAUZÉ	8
Floor		
Other		
Other		

INJURIES - COMPLETE BELOW

TOUR ② 08:00 - 16:00 | Hrs.

Driller	T. ASTLE	8
Derrick	J M MORIN	8
Motor	DOUG PATTERSON	8
Floor	P. DESJARDINS	8
Floor	C LANGLAIS	8
Lease	J. DUBEAU	8
Mechanic	C BLANCHETTE	8
Other		

INJURIES - COMPLETE BELOW

TOUR ③ 16:00 - 24:00 | Hrs.

Driller	ED DONAHOE	8
Derrick	J MORISETTE	8
Motor	L TURRIFF	8
Floor	ROGER PATTERSON	8
Floor	GERARD TRUDEL	8
Floor		
Other		
Other		

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW DURING THIS TIME I RECEIVED NO INJURY AS INDICATED BY MY SIGNATURE.

Position	Tour #	Signature	Hrs.

Toolpusher's Approval

SAFETY TALKS

Given By:
Subject

Given By:
Subject

BOPS	Tested Minutes	Tested Pressure kPa	Checked Open & Close
Hydril			
Pipe Rams			
Blind Rams			

CASING

Ran	JTS	CSG	
To	K.B. Used	Sx	
	Cem Plus	%	
	Plug Down @	hrs	
	m³ Returns		

Fuel @ 00:00 TOTAL FUEL
Fuel Rec'd Today BOTTOM 58
Total
Fuel @ 23:59
Fuel Used

Equipment Transfers (Including Rental)

To / From	Trans #

Approved by Operator's Representative: Jean Bourdeault

Approved by Toolpush

CONSERVATION BOARD COPY NOTE: PLEASE SHOW METRES MADE DURING CONTROLLED DRILLING AS WELL AS HOURS

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

Rig No 6 Well Name BLANCHETTE

09370

Pump No 1 ▶ NATIONAL 8P60 Liner Size 127 - 216 Stroke Length

Pump No 2 ▶ EMSCO D700 Liner Size 140 - 406 Stroke Length

Location GASPE Report Number 17

Date: Year 79 Month 2 Day 26 — Rig No.

I ACKNOWLEDGE HAVING WORKED THESE HOURS DURING THIS TIME I RECEIVED NO INJURY

(EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT) IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

Start	Stop	Hrs
WAIT ON CEMENT 0:20	3:00	3
WELD CASING BOWL 3:00	7:30	4:50
NIPPLE BOP 7:30	8:00	0:50
	:	:
	:	:
	:	:
	:	:
	:	:
	:	:
	:	:
	:	:
	:	:
NIPPLE UP BOP - HYDRIL 8:00	:	
- ROTATING HEAD	16:00	8
	:	:
	:	:
	:	:
	:	:
	:	:
	:	:
	:	:
	:	:
	:	:
INSTALL AIR EQUIPMENT 16:00	1	:
AND	:	:
PRESSURE TEST RIND RAMS	:	:
TO 10000 KB Finals held	:	:
PRESSURE FOR 5 MINUTES - OK	16:00	21:00
PICK UP 18 DRIL COLLARS	21:00	23:00
RUN IN H.L.	:	:
	:	:
	:	:
	:	:
	:	:
	:	:
	:	:
	:	:

Boiler In Use? Hrs 0 | Camp In Use? Hrs 0 | BOP Drill Yes / No | Driller's Signature

TOUR ① 00:00 - 08:00 Hrs

Driller R Bedard 8
Derrick R. LAROCHELLE 8
Motor G SEAN 8
Floor A. CAFFIN 8
Floor N. LAUZE 8
Floor
Other
Other

INJURIES - COMPLETE BELOW

TOUR ② 08:00 - 16:00 Hrs

Driller T. ASTLE 8
Derrick J.M. MORIN 8
Motor DOUG PATTERSON 8
Floor P. DESTARDENS 8
Floor C. LANGLAIS 8
Lease
Mechanic C. BLANCHETTE 8
Other

INJURIES - COMPLETE BELOW

TOUR ③ 16:00 - 24:00 Hrs

Driller ED DONAHOE 8
Derrick J MORISETTE 8
Motor L TURRIFF 8
Floor ROGER PATTERSON 8
Floor GERARD TRUDEL 8
Floor
Other
Other

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO ME BY THE COMPANY SUPERINTENDENT (OR PARTY)

Position	Tour	Signature	Hrs.

Toolpusher's Approval

SAFETY TALKS
Given By:
Subject

Given By:
Subject

Drilling Assembly (At End of Tour)

No.			
	Bit		m
			m
			m
			m
			m
			m
			m
	Stands DC		m
	Singles DC		m
	Stands DP		m
	Singles DP		m
	Kelly Down		m
	Total		m

Force of String daN

BITS

From	To	Metres	No.	Size	Type	Jets mm	Serial No.	Force kN	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G

MUD

	00:00	02:00	04:00	06:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Pump 2				
S.P.M Pump 1				
Pump 2				

Additives in kg

Desilter / Desander: Hrs Operating; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours	Next Oil Change
1 0	0+0=0
2 0	0+0=0
3 0	0+0=0
4	
5	
6	

Remarks

SURVEYS				
Depth m	°	Depth m	°	

Crown Stopper Checked? | Reset? | Kelly Cock Checked? | Rig Savers Checked?

Drill'g Line Record	Size mm	No. Lines	Megajoules	Total MJ	Slipped m	Cut	Next Slip	Temp.	Weather	Roads
								15°F	Cloudy	Good

Boiler In Use? Hrs 0 | Camp In Use? Hrs 0 | BOP Drill Yes / No | Driller's Signature

Drilling Assembly (At End of Tour)

No.			
			m
			m
			m
			m
			m
			m
			m
	Stands DC		m
	Singles DC		m
	Stands DP		m
	Singles DP		m
	Kelly Down		m
	Total		m

Force of String daN

BITS

From	To	Metres	No.	Size	Type	Jets mm	Serial No.	Force kN	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G

MUD

	08:00	10:00	12:00	14:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Pump 2				
S.P.M Pump 1				
Pump 2				

Additives in kg

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours	Next Oil Change
1 0	0+0=0
2 0	0+0=0
3 0	0+0=0
4	
5	
6	

Remarks

SURVEYS				
Depth m	°	Depth m	°	

Crown Stopper Checked? | Reset? | Kelly Cock Checked? | Rig Savers Checked?

Drill'g Line Record	Size mm	No. Lines	Megajoules	Total MJ	Slipped m	Cut	Next Slip	Temp.	Weather	Roads
	32	10	2503	13024	-	-	7150	20°	SNW	FAIR

Boiler In Use? Hrs 12 | Camp In Use? Hrs 0 | BOP Drill Yes / No | Driller's Signature

Drilling Assembly (At End of Tour)

No.			
	Bit SUB	0.31	m
	SC	0.24	m
			m
			m
			m
			m
			m
	Stands DC	164.19	m
	Singles DC		m
	Stands DP		m
	Singles DP		m
	Kelly Down		m
	Total		m

Force of String daN

BITS

From	To	Metres	No.	Size	Type	Jets mm	Serial No.	Force kN	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G
			3	216	J22	—	36297										

MUD

	16:00	18:00	20:00	22:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Pump 2				
S.P.M Pump 1				
Pump 2				

Additives in kg

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours	Next Oil Change
1	
2	
3	
4	
5	
6	

Remarks

SURVEYS				
Depth m	°	Depth m	°	

Crown Stopper Checked? | Reset? | Kelly Cock Checked? | Rig Savers Checked?

Drill'g Line Record	Size mm	No. Lines	Megajoules	Total MJ	Slipped m	Cut	Next Slip	Temp.	Weather	Roads

Boiler In Use? Hrs | Camp In Use? Hrs | BOP Drill Yes / No | Driller's Signature

BOPS

	Tested		Checked
	Minutes	Pressure kPa	Open & Close
Hydril			
Pipe Rams			
Blind Rams			

CASING

Ran	JTS	CSG	
To	K.B. Used		
	Cem Plus		
Plug Down @	hrs.		
	m³ Returns		

Fuel @ 00.00 TOTAL NIPPLE UP
Fuel Rec'd Today BOTTOM SET
Total
Fuel @ 23:59
Fuel Used

Equipment Transfers (Including Rental)

To / From	Trans #

Approved by Operator's Representative

Approved by Toolpush

CONSERVATION BOARD COPY NOTE: PLEASE SHOW METRES MADE DURING CONTROLLED DRILLING AS WELL AS HOURS

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

09371

Rig No. | Well Name BRANCHETTE #1 | Location GADOE

Report Number 18

Date: Year 77 Month 7 Day 27 | Rig No. 6

Pump No. 1: Type Liner Size Stroke Length
Pump No. 2: Type Emsco D-375 Liner Size 140 Stroke Length 406

From	To	Metres

BITS

No	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G
1R	216	J07	—	26292										

Drilling Assembly (At End of Tour)

No		
Bit	Sub	0.81 m
	XO	0.79 m
		m
		m
		m
		m
		m
		m
1/2	Stands DC	64.69 m
	Singles DC	m
4	Stands DP	m
1	Singles DP	12.82 m
	Kelly Down	7.00 m
	Total	296.11 m

MUD

	00:00	02:00	04:00	06:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours

	Hours	Next Oil Change
1	8	July 27
2	8	July 27
3	8	July 27
4		
5		
6		

Remarks

SURVEYS: Depth m ° Depth m

Drilling Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped m | Cut m | Next Slip

Force of String 32,000 daN

Crown Stopper Checked? | Reset? | Kelly Cock Checked? | Rig Savers Checked?

Drilling Line Record: Temp. | Weather | Roads

Boiler In Use? Hrs 0 | Camp In Use? Hrs 0 | BOP Drill Yes No | Driller's Signature Tony Turriff

Start	Stop	Hrs
:	:	
RU INABLE TO FLOAT	2400	2430	½
PRESSURE TEST PIPE RAMS	2430	:	
TO 10000 KPA FOR 15 MIN - OK	:	:	
PRESSURE TEST HYDRIL TO	:	:	
10,000 KPA FOR 15 MIN - OK	:	0130	1
INSTALLED ROTATING HEAD	0130	:	
+ KELLY BUSHING	:	0200	½
DRILL OUT RUBBER + FLOAT	0200	:	
AND SHOE	:	0530	5½
CIRCULATE	0530	0800	½
	:	:	
	:	:	
	:	:	8

I ACKNOWLEDGE HAVING WORKED THESE HOURS DURING THIS TIME I RECEIVED NO INJURY

(EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT) IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

INJURIES - COMPLETE BELOW

TOUR 1 00:00 - 08:00 | Hrs

Driller T. ASTLE 8
Derrick 2 M. MORIN 8
Motor DOUG PATTERSON 8
Floor P. DESTARDINS 8
Floor C. LANGLAIS 8
Floor
Other
Other

From	To	Metres
296.11	301.6	

BITS

No	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G
1C	216	J07		26297	8000	65	6	11½						

Drilling Assembly (At End of Tour)

No		
	Sub	0.81 m
	XO	0.79 m
		m
		m
		m
		m
		m
		m
1/2	Stands DC	64.69 m
	Singles DC	m
	Stands DP	m
1	Singles DP	12.82 m
	Kelly Down	7.00 m
	Total	301.61 m

MUD

	08:00	10:00	12:00	14:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours

	Hours	Next Oil Change
1		
2		
3		
4		
5		
6		

1100 CFM

½ Bbls soap in section,

Remarks

SURVEYS: Depth m ° Depth m

Drilling Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped m | Cut m | Next Slip

Force of String 40,000 daN

Crown Stopper Checked? | Reset? | Kelly Cock Checked? | Rig Savers Checked?

Drilling Line Record: Temp. | Weather | Roads

Boiler In Use? Hrs 0 | Camp In Use? Hrs 0 | BOP Drill Yes No | Driller's Signature

Start	Stop	Hrs
:	:	
RIG UP	0530	1230	7
DRILL AND WAIT FOR	1230	1700	4½
Hole to Dust	:	:	
No Dust - TOOH	1700	1730	½
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	12

INJURIES - COMPLETE BELOW

TOUR 2 08:00 - 16:00 | Hrs

Driller ED DONAHOE 8
Derrick T. MORISETTE 8
Motor L. TURRIFF 8
Floor ROGER PATTERSON 8
Floor GERARD TRUDEL 8
Lease
Mechanic
Other

From	To	Metres
301.6	317.6	

BITS

No	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G
1C	216	J07	—	26297	10,000	65	22	8						

Drilling Assembly (At End of Tour)

No		
	Sub	0.81 m
1	XO	0.79 m
		m
		m
		m
		m
		m
		m
6	Stands DC	184.69 m
	Singles DC	m
5	Stands DP	141.71 m
	Singles DP	m
	Kelly Down	9.00 m
	Total	317.00 m

MUD

	16:00	18:00	20:00	22:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours

	Hours	Next Oil Change
1	8	July 27
2	8	July 27
3	8	July 27
4		
5		
6		

1100 CFM

Remarks: Drill with Air

SURVEYS: Depth m ° Depth m

Drilling Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped m | Cut m | Next Slip

Force of String 40,000 daN

Crown Stopper Checked? | Reset? | Kelly Cock Checked? | Rig Savers Checked?

Drilling Line Record: Temp. | Weather | Roads

Boiler In Use? Hrs 0 | Camp In Use? Hrs 0 | BOP Drill Yes No | Driller's Signature

Start	Stop	Hrs
Wait for hole to Dust	1600	1700	1
Drill 216 mm hole	1700	2025	3½
Survey & Rig Service	2025	2075	½
Drill 216 mm hole	2075	2400	3½
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	8

INJURIES - COMPLETE BELOW

TOUR 3 16:00 - 24:00 | Hrs

Driller Tony Turriff 8
Derrick J. Canuel 8
Motor Dan Patterson 8
Floor Boyd Coffin 8
Floor Kim Turriff 8
Floor
Other
Other

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN ABOVE DURING THIS TIME I RECEIVED INJURIES AS INDICATED ONLY ON ACCIDENT REPORT FORM.

Position	Tour #	Signature	Hrs

Toolpusher's Approval

SAFETY TALKS

Given By:
Subject

Given By:
Subject

BOPS	Tested Minutes	Tested Pressure kPa	Checked Open & Close
Hydril			
Pipe Rams			
Blind Rams			

CASING

Ran	JTS	CSG
To	K.B. Used	Sx
	Cem Plus	
	Plug Down @ hrs	
	m³ Returns	

Fuel @ 00:00 Tan Tanks Bottom 4
Fuel Rec'd Today
Total
Fuel @ 23:59
Fuel Used

Equipment Transfers (Including Rental)

To / From	Trans #

Approved by Operator's Representative: Jean Boudreault

Approved by Toolpush: Roy Turriff

CONSERVATION BOARD COPY NOTE: PLEASE SHOW METRES MADE DURING CONTROLLED DRILLING AS WELL AS HOURS

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA T5L-2121

09372

Rig No 6 Well Name BLANCHETTE #2

Pump No. 1 Type Liner Size Stroke Length 216
Pump No. 2 Type EMCO D-700 Liner Size 140 Stroke Length 406
Location GASPE

Report Number 19

Date Year 79 Month 7 Day 23 Rig No 6

I ACKNOWLEDGE HAVING WORKED THESE HOURS DURING THIS TIME. I RECEIVED NO INJURY.

(EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT. IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

TOUR 1 (00:00 - 08:00)

From	To	Metres
317	321	4

BITS

No	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G
1C	216	JD7	-	2K277	40000	45	25	9				4	2	1
2C	216	EP62S	-	R13284	120000	50	1	1/2						

Drilling Assembly (At End of Tour)

No.		m
1	Bit	1.16
1	NBS	8.19
2	Square	2.47
1	Stabs	2.79
1	XO	
6	Stands DC	164.69
	Singles DC	
4	Stands DP	
3	Singles DP	132.27
	Kelly Down	11.43
	Total	321.

Force of String 44,000 daN

MUD: 00:00 | 02:00 | 04:00 | 06:00
Density kg/m³
Viscosity s/L
Filtrate cm³
pH
Press kPa: Pump 1, Pump 2
S.P.M.: Pump 1, Pump 2
Additives in kg

Desilter / Desander: Hours Operated; U/F Density kg/m³; O/F Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours	Next Oil Change
1 3	July-23
2 8	July-23
3 8	July-23
4	
5	
6	

Remarks: NBS STAB #1 STAB #2 SQUARE 1.66

1.16	1.24	1.23	8.19
160	166	166	166

SURVEYS: Depth m | Depth m
SER # 215264 | SER # 215259 | SER # 31174 | SER # 22542

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ?

Drill'g Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped m | Cut | Next Slip | Temp. | Weather | Roads
32 | 10 | 2580 | 132604 | | | 7150 | 15° | SUN | FAIR

Boiler In Use? Hrs 0 | Camp In Use? Hrs | BOP Drill Yes / No | Driller's Signature Timothy Asle

Start	Stop	Intvl	
24:00	07:00	7	DRILL 216 mm HOLE WITH BIT
07:00			PULL OUT OF HOLE TO
	07:00	1	PICK UP STABILIZATION
00:00			PICK UP SQUARE + STABS
	04:00	4	AND RUN IN HOLE
04:00	07:30	3½	REAM FROM 295 TO 320
07:30	08:00	½	DRILL

INJURIES - COMPLETE BELOW

TOUR 2 (08:00 - 16:00)

From	To	Metres
321	336	15

BITS

No	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G
2C	216	EP62S		R13284	120000	50	15	3¼			6¼	6	0	

Drilling Assembly (At End of Tour)

No.		m
1	Bit	1.16
1	NBS	8.19
2	Square	2.47
1	Stab	2.79
1	XO	
6	Stands DC	164.69
	Singles DC	
5	Stands DP	151.32
2	Singles DP	
	Kelly Down	11.43
	Total	336.

Force of String 45,000 daN

MUD: 08:00 | 10:00 | 12:00 | 14:00
Density kg/m³
Viscosity s/L
Filtrate cm³
pH
Press kPa: Pump 1, Pump 2
S.P.M.: Pump 1, Pump 2
Additives in kg

Desilter / Desander: Hours Operated; U/F Density kg/m³; O/F Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours	Next Oil Change
1 4	July-23
2 2	July-23
3 2	July-23
4	
5	
6	

Remarks

SURVEYS: Depth m 331 | Depth m

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ?

Drill'g Line Record: Size mm 32 | No. Lines 10 | Megajoules 2897 | Total MJ 135501 | Slipped m - | Cut - | Next Slip 7150 | Temp. | Weather | Roads

Boiler In Use? Hrs 0 | Camp In Use? Hrs 0 | BOP Drill Yes / No | Driller's Signature Ed Donahoe

Start	Stop	Intvl	
08:00	11:45	3:75	DRILL 216 mm
11:45	12:00	.25	SURVEY AND RIG SERVICE
12:00	1:45	1:75	TRIP
1:45	2:00	.25	Blow Hole
2:00	4:00	2	DRILL

INJURIES - COMPLETE BELOW

TOUR 3 (16:00 - 24:00)

From	To	Metres
336	352	16

BITS

No	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G
2C	216	EP62S	—	R13284	120000	40	38	14¼			15¾			

Drilling Assembly (At End of Tour)

No.		m
1	Bit	1.16
1	NBS	8.19
2	Square	2.47
1	Stab	2.79
1	XO	
6	Stands DC	164.69
	Singles DC	
6	Stands DP	170.38
	Singles DP	
	Kelly Down	11.43
	Total	352.00

Force of String 45,000 daN

MUD: 16:00 | 18:00 | 20:00 | 22:00
Density kg/m³ 1100
Viscosity s/L Qui
Filtrate cm³
pH 10
Press kPa: Pump 1, Pump 2
S.P.M.: Pump 1, Pump 2
Additives in kg

Desilter / Desander: Hours Operated; U/F Density kg/m³; O/F Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours	Next Oil Change
1 2	July-23
2 0	
3 0	
4	
5	
6	

Remarks: Drill with Air

SURVEYS: Depth m 350 m | Depth m

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ?

Drill'g Line Record: Size mm 32 | No. Lines 10 | Megajoules 2897 | Total MJ 135501 | Slipped m - | Cut - | Next Slip 7150 | Temp. 18° | Weather Good | Roads Fair

Boiler In Use? Hrs 0 | Camp In Use? Hrs 0 | BOP Drill Yes / No | Driller's Signature Tim Turriff

Start	Stop	Intvl	
16:00	20:50	4:50	Drill 216 mm hole
20:50	21:00	50	Survey & Rig Service
21:00	24:00	3:00	Drill 216 mm hole

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW DURING THIS TIME. I HAVE REPORTED ON THE NATURE OF ACCIDENT REPORT PART 1.

Position	Tour	Signature	Hrs.
Mech.	3	Doug Patterson	8

Toolpusher's Approval Roy Turriff

SAFETY TALKS
Given By: T. Turriff
Subject: Safety controls on Drawworks
Given By:
Subject:

BOPS	Tested: Minutes	Tested: Pressure kPa	Checked: Open & Close
Hydril			
Pipe Rams			
Blind Rams			

CASING: Ran 24½ JTS 27 CSG | To 215½ K.B. Used | Cem Plus | Plug Down @ hrs | m³ Returns

Fuel @ 00:00 Top Tank 1/4 | Fuel Rec'd Today | Total | Fuel @ 23:59 | Fuel Used

Equipment Transfers (Including Rental): To / From | Trans #

Approved by Operator's Representative: Jean Boudreault
Approved by Toolpush: Roy Turriff

CONSERVATION BOARD COPY NOTE: PLEASE SHOW METRES MADE DURING CONTROLLED DRILLING AS WELL AS HOURS

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

09373

Rig No. 6 Well Name BAGUETTE "C"

Pump No. 1 Type NATIONAL 8-P-80 Liner Size 127 Stroke Length 216
Pump No. 2 Type EMSCO D-100 Liner Size 140 Stroke Length 406
Location 6-25-52-5

Report Number 20

Date Year 77 Month 7 Day 24 Rig No. 6

ACKNOWLEDGE HAVING WORKED THESE HOURS DURING THIS TIME / RECEIVED ROUGHNECK

(EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT) IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

BITS

From	To	Metres	No.	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G
358	396	38	1C	216	FP63	-	813884	15000	70	66	4½						

Drilling Assembly (At End of Tour)

No.		
	Bit	m
1	NBS	1.16 m
2	STAB	2.47 m
3	SAME	8.19 m
4	XO	0.79 m
		m
		m
		m
5	Stands DC	164.69 m
	Singles DC	m
6	Stands DP	179.68 m
	Singles DP	m
7	Kelly Down	9.52 m
	Total	366 m

Force of String 45,000 daN

MUD

	00:00	02:00	04:00	06:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH			AIR	
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours	Next Oil Change
1 12	406 ft
2 12	406 ft
3 0	406 ft
4	
5	
6	

Remarks: AIR PRESSURE = 1100 KPA

SURVEYS

Depth m	°	Depth m	°
379	2°		

Crown Stopper Checked? J Reset? Kelly Cock Checked? Rig Savers Checked?

Drill'g Line Record	Size mm	No. Lines	Megajoules	Total MJ	Slipped m	Cut	Next Slip	Temp.	Weather	Roads
	32	10	2897	135501			7150	10°		MIXED

Boiler in Use? Hrs 0 | Camp in Use? Hrs 0 | BOP Drill Yes / No | Driller's Signature

Time Start	Time Stop	Intvl
2400	0615	6¼
0615	0630	¼
0630	0800	1½

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

09374

Rig No 6 Well Name BLANCHETTE #2

Pump No 1 Type NATIONAL 8-P-80 Liner Size 127 Stroke Length 216
Pump No 2 Type EMSCO D-1000 Liner Size 143 Stroke Length 406
Location GOSSE

From	To	Metres
443	493.5	50.5

BITS

No.	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G
2C	216	HP62T	—	213824	1.00	48	123	44¾						

Drilling Assembly (At End of Tour)

No.		
	Bit	m
1	0.35	1.16 m
1	Sleeve	2.42 m
1	Sleeve	2.19 m
10		0.29 m
		m
		m
		m
6	Stands DC	164.69 m
	Singles DC	m
33	Stands DP	294.05 m
2	Singles DP	m
	Kelly Down	12.20 m
	Total	492.50 m

MUD: Density kg/m³ | Viscosity s/L | Filtrate cm³ | pH AIR | Press kPa Pump 1 / Pump 2 | S.P.M. Pump 1 / Pump 2

00:00	02:00	04:00	06:00

Additives in kg

Desilter / Desander: Hours Operated | U.F. Density kg/m³ | O.F. Density kg/m³ | Flow Rate L/min | Pressure kPa

Motor Hours

		Next Oil Change
1	8	445-6
2		446-6
3		04-6
4		
5		
6		

Remarks: AIR PRESSURE = 10,000 - 12000 KPa

SURVEYS: Depth m ° | Depth m °
464 ¼

Crown Stopper Checked? | Reset? | Kelly Cock Checked? | Rig Savers Checked?

Drill'g Line Record: Size mm 32 | No. Lines 10 | Megajoules 2397 | Total MJ 135501 | Slipped m — | Cut — | Next Slip 7150 | Temp. 20° | Weather CLOUD | Roads FAIR

Force of String daN

From	To	Metres
493	516	23

BITS

No.	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G
2C	216	HP62T	—	213824	1.00	48	201	43½						

Drilling Assembly (At End of Tour)

No.		
	Bit	m
1	0.35	1.16 m
1	Sleeve	2.42 m
1	Sleeve	2.19 m
10		0.29 m
		m
		m
		m
	Stands DC	m
	Singles DC	m
33	Stands DP	294.05 m
2	Singles DP	m
	Kelly Down	12.20 m
	Total	521.32 m

MUD: Density kg/m³ | Viscosity s/L | Filtrate cm³ AIR | pH | Press kPa Pump 1 / Pump 2 | S.P.M. Pump 1 / Pump 2

08:00	10:00	12:00	14:00

Additives in kg: ~~KCL 8 SXS~~ ~~GEL 30 SXS~~ ~~CAUSTIC 20 LB~~

Desilter / Desander: Hours Operated | U.F. Density kg/m³ | O.F. Density kg/m³ | Flow Rate L/min | Pressure kPa

Motor Hours

		Next Oil Change
1	8	AUG 6
2	7	AUG 6
3	2	AUG 6
4		
5		
6		

Remarks: AIR PRESSURE 10,000 - 12,000 KPa

SURVEYS: Depth m ° | Depth m °
502 ¼

Crown Stopper Checked? | Reset? | Kelly Cock Checked? | Rig Savers Checked?

Drill'g Line Record: Size mm 32 | No. Lines 10 | Megajoules 2397 | Total MJ 138884 | Slipped m — | Cut — | Next Slip 7150 | Temp. 20° | Weather CLOUD | Roads FAIR

Force of String 147000 daN

From	To	Metres
516	575	59

BITS

No.	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G
2C	216	HP62T	—	213824	1500	48	254	56						

Drilling Assembly (At End of Tour)

No.		
1	Bit DES	1.16 m
1	0.35 STAB	2.42 m
1	Sleeve	2.19 m
1	XO	0.29 m
		m
		m
		m
6	Stands DC	164.69 m
	Singles DC	m
33	Stands DP	387.27 m
2	Singles DP	m
	Kelly Down	8.43 m
	Total	575.00 m

MUD: Density kg/m³ | Viscosity s/L | Filtrate cm³ AIR | pH | Press kPa Pump 1 / Pump 2 | S.P.M. Pump 1 / Pump 2

15:00	18:00	20:00	22:00

Additives in kg: KCL 8 SXS | GEL 30 SXS | CAUSTIC 20 LB

Desilter / Desander: Hours Operated | U.F. Density kg/m³ | O.F. Density kg/m³ | Flow Rate L/min | Pressure kPa

Motor Hours

		Next Oil Change
1	8	Aug 6
2	0	Aug 6
3	0	Aug 6
4		
5		
6		

Remarks: AIR PRESSURE 10000 TO 12000 KPA

SURVEYS: Depth m ° | Depth m °
541 ½

Crown Stopper Checked? | Reset? | Kelly Cock Checked? | Rig Savers Checked?

Drill'g Line Record: Size mm 32 | No. Lines 10 | Megajoules 2397 | Total MJ 813884 | Slipped m — | Cut — | Next Slip 7150 | Temp. 19°C | Weather Sunny | Roads fair

Force of String 147000 daN

BOPS	Tested: Minutes	Tested: Pressure kPa	Checked: Open & Close
Hydril			
Pipe Rams			
Blind Rams			

CASING: Ran — JTS 37 CSG | To 515 m K.B Used — m | Cem Plus | Plug Down @ hrs | m³ Returns

Fuel @ 00:00 | Fuel Rec'd Today | Total | Fuel @ 23:59 | Fuel Used

Equipment Transfers (Including Rental): To / From | Trans #

Approved by Operator's Representative: Jean Boudreault

Approved by Toolpush: Roy

Report Number 21

	Start	Stop	Intvl
DRILL 216 mm HOLE WITH AIR	24:00	03:30	3½
BLOW HOLE - SURVEY	03:30	:	.
RIG SERVICE	:	04:00	½
DRILL	04:00	3:00	4
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.

Boiler In Use? Hrs. | Camp In Use? Hrs. | BOP Drill Yes ✓ No | Driller's Signature T. Asile

	Start	Stop	Intvl
DRILL	8:00	9:00	1:00
BLOW HOLE - SURVEY AND	9:00	9:30	.50
RIG SERVICE	:	:	.
BLOW HOLE	9:30	10:30	.75
DRILL 216mm H.P. with air	10:30	11:30	1.
BLOW AIR PRESSURE	11:30	11:45	.25
TRIP 2 stands out of hole into	:	:	.
CASING - CHECK OF	:	:	.
CHANGE OVER - RUN MOTOR	:	:	.
BOTTOM - BLOW HOLE	:	:	.
DRILL	14:00	16:30	2
	:	:	.
	:	:	.

Boiler In Use? Hrs. | Camp In Use? Hrs. | BOP Drill Yes No | Driller's Signature A. Blanchette

	Start	Stop	Intvl
Drill 216mm hole with air's	16:00	19:50	3:50
Survey & Rig Service	19:50	20:00	.50
Drill 216mm hole with air	20:00	24:00	4:10
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.

Boiler In Use? Hrs. 0 | Camp In Use? Hrs. 0 | BOP Drill Yes No | Driller's Signature

Rig No 6

Year 79 Month 7 Day 25 6

ACKNOWLEDGE HAVING WORKED THESE 12 HOURS DURING THIS TIME I RECEIVED NO INJURY.

(EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT) IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

TOUR ① 00:00 - 08:00 Hrs.
Driller T. ASILE 8
Derrick J M MORTAN 8
Motor DOUG PATTERSON 8
Floor J. MARTSSETTE 8
Floor P. DESTARDEUS 8
Floor
Other
Other

INJURIES - COMPLETE BELOW

TOUR ② 08:00 - 16:00 Hrs.
Driller E. DONAHUE 8
Derrick J DUBEAU 8
Motor L TURRIFF 8
Floor ROGER PATTERSON 8
Floor GERARD TRUDEL 8
Lease
Mechanic C BLANCHETTE 8
Other

INJURIES - COMPLETE BELOW

TOUR ③ 16:00 - 24:00 Hrs.
Driller T. Turriff 8
Derrick J Cantwell 8
Motor Boyd Coffin 8
Floor Kim Turriff 8
Floor C. Langlais 8
Floor
Other
Other

INJURIES - COMPLETE BELOW

Position	Tour #	Signature	Hrs.

Toolpusher's Approval

SAFETY TALKS
Given By:
Subject

Given By:
Subject

CONSERVATION BOARD COPY NOTE: PLEASE SHOW METRES MADE DURING CONTROLLED DRILLING AS WELL AS HOURS

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

09375

Rig No. 6 Well Name BLANCHETTE Location GASPE Report Number 22

Date: Year 79 Month 7 Day 26 Rig No. 6

Pump No. 1 Type NATIONAL 8-P-80 Liner Size 127 Stroke Length 216
Pump No. 2 Type EMSCO D-700 Liner Size 140 Stroke Length 406

BITS

From	To	Metres	No.	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G
575	635	60	2C	216	HP	-	813884	15000	50	314	63½						

Drilling Assembly (At End of Tour)

No.		
	Bit	m
1	NBS	46 m
2	STB 36	247 m
3	54 3/4"	819 m
4	XO	0.77 m
		m
		m
		m
	Stands DC	164.29 m
	Singles DC	m
	Stands DP	m
	Singles DP	446.16 m
	Kelly Down	12.25 m
	Total	635.60 m

MUD

	00:00	02:00	04:00	06:00
Density kg/m³				
Viscosity s/L	26	27	30	30
Filtrate cm³				
pH	11.5	11.5	11.5	11.5
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg: GEL 15 SX; KCL 55 SK; POLYMER 25 KG

Desilter / Desander

Hours Operated	
U.F. Density kg/m³	
O.F. Density kg/m³	
Flow Rate L/min	
Pressure kPa	

Motor Hours

1	2
2	2
3	2
4	
5	
6	

Next Oil Change: 1 Aug-6; 2 Aug-6; 3 Aug-6

Remarks: AIR PRESSURE = 1200 KPa

SURVEYS

Depth m	°	Depth m	°
588	3°		

Crown Stopper Checked? Reset? Kelly Cock Checked? Rig Savers Checked?

Drill'g Line Record	Size mm	No. Lines	Megajoules	Total MJ	Slipped m	Cut m	Next Slip	Temp.	Weather	Roads
	32	10	2897	81385	-	-	7150	22°	SUN	FAIR

Force of String 52000 daN

Boiler In Use? Hrs 0 | Camp In Use? Hrs 0 | BOP Drill Yes / No | Driller's Signature Tom Turriff

Time Start	Time Stop	Hrs
	:	:
DRILL 216 MM HOLE WITH AIR	24:00	:
AIR	:	02:45
SURVEY - RIG SERVICE	02:45	03:15
DRILL	03:15	08:00
	:	:
	:	:
	:	:

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

Rig No 6 Well Name BLANCHETTE 2-2 Location CASDE

05001

Report Number 23

Date: Year 79 Month 7 Day 27 Rig No. 6

Pump No. 1 ▶ Type MATTCO Liner Size 200 Stroke Length 216
Pump No. 2 ▶ Type EMSCO D-375 Liner Size 140 Stroke Length 406

From	To	Metres
673	683	10

BITS

No.	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G
2C	216	FP62	3-B12	313884	15,000	48	362	70						

Drilling Assembly (At End of Tour)

No.			
	Bit		
1	NB3	1.16	m
2	STAB3	2.26	m
1	SDNRC	8.19	m
1	XO	0.79	m
			m
			m
			m
6	Stands DC	164.69	m
	Singles DC		m
13	Stands DP		m
1	Singles DP	43.77	m
	Kelly Down	12.20	m
	Total	683.06	m

MUD

	00:00	02:00	04:00	06:00
Density kg/m³	3			
Viscosity s/L	24	T	55	37
Filtrate cm³		R		
pH	11.5	11.5	11.5	11.5
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg: GEL 20 SX. CAUSTIC 45 KG

Desilter / Desander: Hours Operated 2 HRS; U.F. Density kg/m³ 1090; O.F. Density kg/m³ 1050; Flow Rate L/min 8 bbl; Pressure kPa

Motor Hours		Next Oil Change
1	8	946 6th
2	8	946 6th
3	8	946 6th
4		
5		
6		

Remarks: 135 | 102

SURVEYS: Depth m ° | Depth m ° | 172 ½ | 3° 79 27

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ?

Drill'g Line Record: Size mm 32 | No. Lines 10 | Megajoules 7514 | Total MJ 149927 | Slipped m | Cut - | Next Slip NEXT TRIP | Temp. 18° | Weather CLOUD | Roads FAIR

Force of String 179,000 daN

From	To	Metres
683	716	33

BITS

No.	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G
3C	216	FP62	3-B12	313884	15	48	395	77½						

Drilling Assembly (At End of Tour)

No.			
	Bit	1.16	m
	STAB	2.26	m
	SDNRC	8.19	m
	XO	0.79	m
			m
			m
			m
			m
6	Stands DC	164.69	m
	Singles DC		m
14	Stands DP	532.45	m
	Singles DP		m
	Kelly Down	12.76	m
	Total	716	m

MUD

	08:00	10:00	12:00	14:00
Density kg/m³	1106			
Viscosity s/L	37	37	37	37
Filtrate cm³				
pH	11.5	11	11.5	11.5
Press kPa Pump 1	5000	4500	4300	4500
Press kPa Pump 2				
S.P.M. Pump 1	136	135	140	138
S.P.M. Pump 2				

Additives in kg: KCL 105 SX. PALMER 1 DR. GEL 10 SX

Desilter / Desander: Hours Operated 8 HRS; U.F. Density kg/m³ 1100; O.F. Density kg/m³ 1050; Flow Rate L/min; Pressure kPa

Motor Hours		Next Oil Change
1	8	Aug-6
2	8	Aug-6
3	8	Aug-6
4		
5		
6		

Remarks:

SURVEYS: Depth 712 m ¾ ° | Depth m °

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ?

Drill'g Line Record: Size 32 | No. Lines 10 | Megajoules 7514 | Total MJ 149927 | Slipped - | Cut - | Next Slip Next Trip | Temp. 24 | Weather cloudy | Roads Fair

Force of String 179,000 daN

From	To	Metres
716	741	25

BITS

No.	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G
2C	216	FP62	3-B12	313884	15000	48	420	23¾						

Drilling Assembly (At End of Tour)

No.			
1	Bit	1.16	m
2	STAB3	2.26	m
1	SDNRC	8.19	m
1	XO	0.79	m
			m
			m
			m
			m
1	Stands DC	164.67	m
	Singles DC		m
19	Stands DP	580.97	m
2	Singles DP		m
	Kelly Down	3.94	m
	Total	741.00	m

MUD

	16:00	18:00	20:00	22:00
Density kg/m³	1106	1000	1000	1000
Viscosity s/L	35	33	25	35
Filtrate cm³				
pH	11.5	11.5	11.5	11.5
Press kPa Pump 1	4500	4500	4500	4500
Press kPa Pump 2				
S.P.M. Pump 1	136	136	136	136
S.P.M. Pump 2				

Additives in kg: KCL 105 SX. CAUSTIC 45 KG. GEL 12 SX

Desilter / Desander: Hours Operated 3 HRS; U.F. Density kg/m³ 1100; O.F. Density kg/m³ 1050; Flow Rate L/min 106; Pressure kPa

Motor Hours		Next Oil Change
1	8	Aug-6
2	8	Aug-6
3	8	Aug-6
4		
5		
6		

Remarks:

SURVEYS: Depth m ° | Depth m °

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ?

Drill'g Line Record: Size 32 | No. Lines 10 | Megajoules 7514 | Total MJ 149927 | Slipped - | Cut - | Next Slip Next Trip | Temp. 24 | Weather cloudy | Roads Fair

Force of String 49,000 daN

BOPS	Tested: Minutes	Tested: Pressure kPa	Checked: Open & Close
Hydril			
Pipe Rams			
Blind Rams			

CASING: Ran JTS | To K.B. Used | Cem Plus % | Plug Down @ hrs | m³ Returns

Fuel @ 00:00 | Fuel Rec'd Today | Total | Fuel @ 23.59 | Fuel Used

Equipment Transfers (Including Rental): To / From | Trans #

Start	Stop	Intvl	
:	:	.	
24:00	01:30	1½	CIRCULATE
01:30	:	.	PULL OUT TO PICK UP
:	02:30	1	STABILIZATION
2:30	04:15	1¾	RUN IN HOLE + BREAK CIR
04:15	05:00	¾	REAM 20M TO BOTTOM
05:00	08:00	3	DRILL 216 mm HOLE
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	8	

Boiler In Use? 0 | Camp In Use? 0 | BOP Drill Yes No | Driller's Signature

Start	Stop	Intvl	
8:00	14:15	6.25	DRILL 216 mm HOLE
14:15	14:45	.50	SURVEY AND RIG SERVICE
14:45	16:00	1.25	DRILL
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
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:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	8	

Boiler In Use? 0 | Camp In Use? 0 | BOP Drill Yes No | Driller's Signature Ed Donahue

Start	Stop	Intvl	
16:00	20:00	4.00	Drill 216 mm hole
20:00	20:35	.25	Rig Service
20:35	24:00	3.75	Drill 216 mm hole
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
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:	:	.	
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:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	.	
:	:	8	

Boiler In Use? 0 | Camp In Use? 0 | BOP Drill Yes No | Driller's Signature

Approved by Operator's Representative: Glen Boudreault

Approved by Toolpush: Roy Lewis

I ACKNOWLEDGE HAVING WORKED THESE HOURS DURING THIS TIME I RECEIVED NO INJURY.

(EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT) IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

	Hrs.
TOUR ① 00:00 - 08:00	
Driller T. ASTLE	8
Derrick J.M. MORIN	8
Motor DOUG PATTERSON	8
Floor J. MORISSETTE	8
Floor P. DESJARDINS	8
Floor	
Other	
Other	
INJURIES - COMPLETE BELOW	
TOUR ② 08:00 - 16:00	Hrs.
Driller ED DONAHUE	8
Derrick J. DUREAU	8
Motor L. TURRIFF	8
Floor ROGER PATTERSON	8
Floor GERARD TRUDEL	8
Lease	
Mechanic	8
Other	
Other	
Driller	8
Derrick	8
Motor Roy Griffin	8
Floor Ken Truant	8
Floor C. Langlois	8
Floor	
Other	
Other	
INJURIES - COMPLETE BELOW	

Position	Tour #	Signature	Hrs.

Toolpusher's Approval

SAFETY TALKS

Given By: | Subject

Given By: | Subject

CONSERVATION BOARD COPY NOTE: PLEASE SHOW METRES MADE DURING CONTROLLED DRILLING AS WELL AS HOURS

CONTRACTOR

REGENT DRILLING LIMITED

12942 - 66 AVENUE
EDMONTON, ALBERTA 455-2127

Rig No 6 | Well Name POOL | Location GASIDE

Report Number 24

Date 79 / 1 / 28 | Rig No 6

05002

Pump No 1 Type NATIONAL 9-P-80 (2) Liner Size 6½ Stroke Length 12" | Pump No 2 Type EMSCO D-700 Liner Size 140 Stroke Length 12"

From	To	Metres
741	773	32

No	Size	Type	Jets mm	Serial No	Force	RPM	Metres	Hrs	Ream Hrs	Torque	T	B	G
B	216	FP62	3-13	813884	15000	50	452	102			1	1	
T													
S													

No	Drilling Assembly (At End of Tour)	m
	Bit	
1	NBS	1.16 m
2	STABS	2.26 m
1	SHORT	8.19 m
1	XO	0.74 m
		m
		m
		m
6	Stands DC	164.69 m
	Singles DC	m
20	Stands DP	m
2	Singles DP	587.35 m
	Kelly Down	6.54 m
	Total	773.60 m

Force of String 50,000 daN

MUD	00:00	02:00	04:00	06:00
Density kg/m³				
Viscosity s/L		38		
Filtrate cm³				
pH	11.5	11.5	11.5	11.5
Press kPa Pump 1	4500	4500	4500	5000
Press kPa Pump 2				
S.P.M. Pump 1			136	135
S.P.M. Pump 2				

Additives in kg: KCL 10 SKS; CAUSTIC; KCL; SCAVENGER; GEL; 1 POLY

Desilter / Desander: Hours Operated 8 HRS; U/F Density kg/m³ 1810; O/F Density kg/m³ 1030; Flow Rate L/min 102; Pressure kPa

Motor Hours	Next Oil Change
1	
2	
3	
4	
5	
6	

Remarks

SURVEYS: Depth m 750 | Depth in 4°

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ?

Drill'g Line Record	Size	No. Lines	Megajoules	Total MJ	Slipped m	Cut m	Next Slip	Temp.	Weather	Roads
	32	10	7514	149127	—	—	NEXT TRIP	20°	CLOUD	FAIR

From	To	Metres
773	799.31	26

No	Size	Type	Jets mm	Serial No	Force	RPM	Metres	Hrs	Ream Hrs	Torque	T	B	G
B	216	FP62	3-13	813884	15000	50	476	106¼					
T													
S													

No	Drilling Assembly (At End of Tour)	m
	Bit	
1	NBS	1.16 m
2	STABS	2.26 m
1	SHORT	8.19 m
1	XO	0.74 m
		m
		m
		m
6	Stands DC	164.69 m
	Singles DC	m
20	Stands DP	m
1	Singles DP	6.03 m
	Kelly Down	6.54 m
	Total	799.31 m

Force of String 51,000 daN

MUD	08:00	10:00	12:00	14:00
Density kg/m³	1040	1050	1070	1100
Viscosity s/L	35	35	37	37
Filtrate cm³				
pH	11.5	11	12	12
Press kPa Pump 1	4700	5000	4800	4700
Press kPa Pump 2				
S.P.M. Pump 1	135	135	134	135
S.P.M. Pump 2				

Additives in kg: CAUSTIC 25 KG; KCL 14 SKS; SCAVENGER 10 L; GEL 14 SKS

Desilter / Desander: Hours Operated 8 HRS; U/F Density kg/m³ 1210; O/F Density kg/m³ 1040; Flow Rate L/min 102; Pressure kPa

Motor Hours	Next Oil Change
1 16	AUG-6
2 8	AUG-6
3 13	AUG-6
4	
5	
6	

Remarks: 1/2° @ 770 m; GOOD TRIP 70

SURVEYS: Depth m 797 | Depth in 3¼

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ?

Drill'g Line Record	Size	No. Lines	Megajoules	Total MJ	Slipped m	Cut m	Next Slip	Temp.	Weather	Roads
	32	10	7514	149127	—	—	Next Trip	20°C	Cloud	Fair

From	To	Metres
799.31	825.32	26

No	Size	Type	Jets mm	Serial No	Force	RPM	Metres	Hrs	Ream Hrs	Torque	T	B	G
B	2C 216	FP62	3-13	813884	15000	50	504	108					
T													
S													

No	Drilling Assembly (At End of Tour)	m
1	Bit NBS	1.16 m
2	STABS	2.26 m
1	SHORT	8.19 m
1	XO	0.74 m
		m
		m
		m
6	Stands DC	164.69 m
	Singles DC	m
20	Stands DP	636.57 m
1	Singles DP	m
	Kelly Down	12.50 m
	Total	825.32 m

Force of String 52,000 daN

MUD	16:00	18:00	20:00	22:00
Density kg/m³	1080	1080	1080	1080
Viscosity s/L	37	37	37	36
Filtrate cm³				
pH	11.5	11.5	11.5	11.5
Press kPa Pump 1	4700	4700	4700	4700
Press kPa Pump 2				
S.P.M. Pump 1	126	126	136	134
S.P.M. Pump 2				

Additives in kg: KCL 16 SKS; 1 POLY MER

Desilter / Desander: Hours Operated 8 HRS; U/F Density kg/m³ 1030; O/F Density kg/m³ 1198; Flow Rate L/min 102; Pressure kPa

Motor Hours	Next Oil Change
1 8	Aug-6
2 8	Aug-6
3 8	Aug-6
4	
5	
6	

Remarks

SURVEYS: Depth m | Depth in

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ?

Drill'g Line Record	Size	No. Lines	Megajoules	Total MJ	Slipped m	Cut m	Next Slip	Temp.	Weather	Roads
	32	10	7514	149127	—	—	Next Trip	20°C	Cloud	Fair

BOPs	Tested: Minutes	Tested: Pressure kPa	Checked: Open & Close
Hydril			
Pipe Rams			
Blind Rams			

CASING: Ran 92 JTS 27 CSG | To 995 K.B Used Sx | Cem Plus | Plug Down @ hrs | m³ Returns

Fuel @ 00:00 | Fuel Rec'd Today | Total | Fuel @ 23:59 | Fuel Used

Equipment Transfers (Including Rental): To / From | Trans #

Approved by Operator's Representative: Glen Burkwell

Approved by Toolpush: Roy Lunn

	Start	Stop	Intvl
DRILL 216 hole to bottom	1:00	6:30	5
SURVEY & RIG SERVICE	6:30	8:00	1½
DRILL 216 hole	8:00	15:30	7½
SURVEY AND RIG SERVICE	15:30	16:00	½
DRILL 216mm HOLE	16:00		
			8

Boiler In Use? Hrs 0 | Camp In Use? Hrs 0 | BOP Drill Yes / No | Driller's Signature T. Tuckett Atlo

	Start	Stop	Intvl
DRILL	8:00	15:00	7
SURVEY AND RIG SERVICE	15:00	15:30	½
DRILL 216mm HOLE	15:30	16:00	½
			8

Boiler In Use? Hrs 0 | Camp In Use? Hrs 0 | BOP Drill Yes / No | Driller's Signature T. Tuckett

	Start	Stop	Intvl
Drill 216 mm hole	16:00	17:30	1½
Rig service	17:30	17:55	¼
Drill 216 hole	17:55	24:00	6¼
			8

Boiler In Use? Hrs 0 | Camp In Use? Hrs 0 | BOP Drill Yes / No | Driller's Signature Ed Dona Hoe

I ACKNOWLEDGE HAVING WORKED THESE HOURS DURING THIS TIME. I RECEIVED NO INJURY. [signature]

(EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH TOUR IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

	Hrs.
TOUR (1) 00:00 - 08:00	
Driller T. ASTLE	8
Derrick	
Motor DOUG PATTERSON	8
Floor J. MORISSETTE	8
Floor Y. DESJARDEN	8
Floor	
Other	
Other	

INJURIES - COMPLETE BELOW

	Hrs.
TOUR (2) 08:00 - 16:00	
Driller Ed Dona Hoe	8
Derrick J DUBEAU	12
Motor L TURRIFF	8
Floor ROGER PATTERSON	8
Floor GERARD TRUDEL	8
Lease	
Mechanic C. PAYNE	8
Other	
INJURIES - COMPLETE BELOW	

	Hrs.
TOUR (3)	
Driller T. Tuckett	8
Derrick A. Cantel	12
Motor Boyd Coffin	8
Floor L. Turriff	8
Floor C. Langlois	8
Floor	
Other	
Other	

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW DURING THIS TIME. I RECEIVED NO INJURIES AS REPORTED ON THE DISPOSAL RECORD REPORT PART 2

Position	Tour #	Signature	Hrs.

Toolpusher's Approval

SAFETY TALKS

Given By: T. Tuckett

Subject: Stay off floor when running survey & Core-

Given By: ful when weldingEH EP

Subject: Cathead.

CONSERVATION BOARD COPY NOTE: PLEASE SHOW METRES MADE DURING CONTROLLED DRILLING AS WELL AS HOURS

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

05003

Rig No 6 Well Name BLANCHETTE # 1

Pump No. 1 ▶ Type Liner Size 127 Stroke Length 216

Pump No. 2 ▶ Type EMCO D-200 Liner Size 140 Stroke Length 406

Location GASPE Report Number 25

Date Year 79 Month 7 Day 29 Rig No. 6

ACKNOWLEDGE HAVING WORKED THESE TOURS DURING THIS TIME. I RECEIVED NO INJURY.

(EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT) IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

TOUR ① 00:00 - 08:00 Hrs

Driller ED DUNPHOE 8
Derrick J DUBEAU 8
Motor L TURRIFF 8
Floor ROGER PATTERSON 8
Floor GERARD TRUDEL 8
Floor
Other
Other

INJURIES - COMPLETE BELOW

TOUR ② 08:00 - 16:00 Hrs

Driller T. Turriff 8
Derrick J. Cauvel 8
Motor Boyd Coffin 8
Floor Roger Patterson 8
Floor C. Langlois 8
Lease
Mechanic [illegible] X
Other
INJURIES - COMPLETE BELOW

TOUR ③ 16:00 - 24:00 Hrs

Driller R [illegible] 8
Derrick R LAROCHELLE 8
Motor SEAN COFFIN 8
Floor D LAUZE 8
Floor
Other
Other

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW DURING THIS TIME. I RECEIVED INJURIES AS REPORTED ON THE COMPANY ACCIDENT REPORT (PART 2).

Position	Tour	Signature	Hrs

Toolpusher's Approval

SAFETY TALKS

Given By:
Subject

Given By:
Subject

Tour 1 (00:00 - 08:00)

BITS

No	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G
2C	216	FPDJ	3-8-12	213884	15000	52	5.28	1 1/2						

Drilling Assembly (At End of Tour)

No			
1	Bit	NBS	1.16 m
2	Stab	STAB	2.26 m
1	Sub	SUB	2.19 m
1	XO	XO	0.24 m
12	Stands DC		114.69 m
	Singles DC		m
22	Stands DP		m
1	Singles DP		9.91 m
	Kelly Down		7.40 m
	Total		44 m

Force of String 2000 daN

MUD	00:00	02:00	04:00	06:00
Density kg/m³	1220	1220	1220	1220
Viscosity s/L	36	37	37	37
Filtrate cm³				
pH	11	11.5	11.5	12
Press kPa Pump 1	4200	4200	4500	4200
Pump 2				
S.P.M. Pump 1	135	135	135	135
Pump 2				

Additives in kg: KCL 12 SXS; CAUSTIC 45 KG; SCAVENGER 32 L

Desilter / Desander: Hours Operated 8 HRS; U.F. Density kg/m³ 1070; O.F. Density kg/m³ 1180; Flow Rate L/min 102; Pressure kPa

Motor Hours	Next Oil Change
1 8	Aug-6
2 8	Aug-6
3 8	Aug-6
4	
5	
6	

Remarks: GULF EP 70 10 gal

Check fire extinguishers - OK

SURVEYS: Depth m 835 ° 3/4 Depth m °

Crown Stopper Checked ? Reset ? Kelly Cock Checked ? Rig Savers Checked ?

Drill'g Line Record	Size mm	No. Lines	Megajoules	Total MJ	Slipped m	Cut m	Next Slip	Temp.	Weather	Roads
	32	10	7514	149927			next trip	12°C	Clear	Fair

Force of String 2000 daN

From	To	Metres
825	849	24

Drilling Assembly (At End of Tour)

No			
1	Bit	NBS	1.16 m
2	STAB	STAB	2.26 m
1	SUB	SUB	2.19 m
1	XO	XO	0.24 m
12	Stands DC		114.69 m
	Singles DC		m
22	Stands DP		201.51 m
1	Singles DP		9.91 m
	Kelly Down		7.40 m
	Total		349 m

Tour 2 (08:00 - 16:00)

BITS

No	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G
2C	216	FPDJ	3-8-12	213834	15000	50	5.56	1 3/4						

MUD	08:00	10:00	12:00	14:00
Density kg/m³	1220	1220	1220	1220
Viscosity s/L	35	35	35	32
Filtrate cm³				
pH	11.5	11.5	11.5	11.5
Press kPa Pump 1	4500	4500	4500	4500
Pump 2				
S.P.M. Pump 1	136	136	136	136
Pump 2				

Additives in kg: KCL 10 SXS; POLYMER 1 PAIL

Desilter / Desander: Hours Operated 8 HRS; U.F. Density kg/m³ 1210; O.F. Density kg/m³ 1180; Flow Rate L/min 102; Pressure kPa

Motor Hours	Next Oil Change
1 8	Aug-6
2 8	Aug-6
3 8	Aug-6
4	
5	
6	

Remarks: 25 Gals SP 20

SURVEYS: Depth m ° Depth m °

Crown Stopper Checked ? Reset ? Kelly Cock Checked ? Rig Savers Checked ?

Drill'g Line Record	Size mm	No. Lines	Megajoules	Total MJ	Slipped m	Cut m	Next Slip	Temp.	Weather	Roads
	32	10	7514	149922	—	—	next trip	12°C	Clear	Fair

Force of String 53 000 daN

From	To	Metres
849	877	28

Drilling Assembly (At End of Tour)

No			
	Bit		m
1	NBS		1.16 m
2	STAB		2.26 m
1	SUB		2.19 m
1	XO		0.24 m
12	Stands DC		114.69 m
	Singles DC		m
23	Stands DP		206.06 m
1	Singles DP		9.91 m
	Kelly Down		6.71 m
	Total		349 m

Force of String 53 000 daN

Tour 3 (16:00 - 24:00)

BITS

No	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G
2C	216	FPDJ	3-8-12	213834	15000	50	5.85	3 3/4						

MUD	16:00	18:00	20:00	22:00
Density kg/m³	1220	1220	1220	1220
Viscosity s/L	35	35	35	35
Filtrate cm³				
pH	11.5	11.5	11.5	11.5
Press kPa Pump 1	4500	4500	4500	4500
Pump 2				
S.P.M. Pump 1	136	136	136	136
Pump 2				

Additives in kg: KCL 10 SXS

Desilter / Desander: Hours Operated 8 HRS; U.F. Density kg/m³ 1050; O.F. Density kg/m³ 1650; Flow Rate L/min 1020; Pressure kPa

Motor Hours	Next Oil Change
1 8	Aug-6
2 8	Aug-6
3 8	Aug-6
4	
5	
6	

Remarks

SURVEYS: Depth m 891 ° 4° Depth m °

Crown Stopper Checked ? Reset ? Kelly Cock Checked ? Rig Savers Checked ?

Drill'g Line Record	Size mm	No. Lines	Megajoules	Total MJ	Slipped m	Cut m	Next Slip	Temp.	Weather	Roads
	32	10	7514	149921	—	—	next trip	12°C	Rain	FAIR

Force of String 53 000 daN

From	To	Metres
877	906	29

Drilling Assembly (At End of Tour)

No			
1	Bit	NBS	1.16 m
2	STAB	STAB	2.26 m
1	SUB	SUB	2.19 m
1	XO	XO	0.24 m
12	Stands DC		167.59 m
	Singles DC		m
2	Stands DP		m
1	Singles DP		12.88 m
	Kelly Down		7.03 m
	Total		906 m

Force of String 53 000 daN

Time	Start	Stop	Intvl
END DRILLING	:	:	.
DRILL 216 mm HOLE	12:00	2:45	2.75
SURVEY AND RIG SERVICE	2:45	3:12	.53
DRILL	3:12	5:00	1.75
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.8
Drill 216 mm hole	8:00	14:00	6.00
Rig service	14:00	14:25	.25
Drill 216 mm hole	14:25	16:00	1.75
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
DRILL 216 MM HOLE	16:00	19:30	3.50
Survey and Rig service	19:30	20:00	.50
DRILL	20:00	24:00	4
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
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	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	8

Boiler In Use? Hrs 0 | Camp In Use? Hrs 0 | BOP Drill Yes No | Driller's Signature Ed Dunphoe

Boiler In Use? Hrs 0 | Camp In Use? Hrs 0 | BOP Drill Yes No | Driller's Signature Robert Portland

BOPS	Tested: Minutes	Pressure kPa	Checked: Open & Close
Hydril			
Pipe Rams			
Blind Rams			

CASING

Ran	JTS	CSG
To	K.B Used	Sx
	Cem Plug	
	Plug Down @	hrs
	m³ Returns	

Fuel @ 00:00
Fuel Rec'd Today
Total
Fuel @ 23:59
Fuel Used

Equipment Transfers (Including Rental)

To / From	Trans #

Approved by Operator's Representative: Jean Bodreault

Approved by Toolpush: [signature]

CONSERVATION BOARD COPY NOTE: PLEASE SHOW METRES MADE DURING CONTROLLED DRILLING AS WELL AS HOURS

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

05004

Rig No. 6 Well Name BLANCHETTE #1

Pump No. 1 ▶ Type NATIONAL 1 P 127 Liner Size 216 Stroke Length 216

Pump No. 2 ▶ Type EMSCO D 140 Liner Size 140 Stroke Length 406

Location GASPE

Report Number 6

Date Year 74 Month 7 Day 30 Rig No. 6

I ACKNOWLEDGE HAVING WORKED THESE HOURS DURING THIS TIME I RECEIVED NO INJURY.

(EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT) IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

TOUR ① 00.00 - 08.00

From	To	Metres	BITS No.	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G
906	913	7	2C	216	HO	3-12	110244	10	50	13	1 1/2						
				FN.	57.0												

Drilling Assembly (At End of Tour)		
Bit		m
1	216	1.16 m
2	STAB	2.26 m
3	SHORT	8.19 m
4	XO	0.74 m
		m
		m
		m
		m
		m
		m
Stands DC	164.79	m
Singles DC		m
Stands DP		m
Singles DP	730.12	m
Kelly Down	13.57	m
Total		m

MUD	00.00	02.00	04.00	06.00
Density kg/m³	1160	1070	1070	1070
Viscosity s/L	37	37	37	37
Filtrate cm³				
pH	11	11.5	11.5	11.5
Press kPa Pump 1	13500	14500	14500	14500
Press kPa Pump 2				
S.P.M. Pump 1	135	135	135	135
S.P.M. Pump 2				

Additives in kg: CAUSTIC 15 HA; KCL 10 50#; GEL 2 SKS

Desilter / Desander: Hours Operated 5 HRS; U.F. Density kg/m³ 1130; O.F. Density kg/m³ 1040; Flow Rate L/min 102; Pressure kPa

Motor Hours	Next Oil Change
1 8	Aug-6
2 8	Aug-6
3 8	Aug-6
4	
5	
6	

Remarks: GULF LUB 20

SURVEYS	Depth m	°	Depth m	°

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ?

Drill'g Line Record	Size mm	No. Lines	Megajoules	Total MJ	Slipped m	Cut	Next Slip	Temp.	Weather	Roads
	32	10	7514	149927	—	—	NEXT TRIP	10°C	GOOD	GOOD

Force of String 3000 daN

Boiler In Use? Hrs	Camp In Use? Hrs	BOP Drill Yes / No	Driller's Signature
0	0		Ed Donahoe

Time Start	Time Stop	Intvl	
			DRIL 216 mm Hole
			RIG SERVICE
			DRILL

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

Rig No. 6 Well Name SUNCHETTE #1

05005

Pump No. 1 Type Liner Size Stroke Length Pump No. 2 Type Liner Size Stroke Length Location C/SEC

Report Number 27

Date Year 17 Month 7 Day 31 Rig No. 6

I ACKNOWLEDGE HAVING WORKED THESE HOURS DURING THIS TIME I RECEIVED NO INJURY

(EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT) IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

TOUR (1) 00:00 - 08:00 Hrs.

Driller E. DUMAINE 8
Derrick J. QUIGLEY 8
Motor L. TURRIFF 8
Floor ROGER PATTERSON 8
Floor GERARD TREPEL 8
Floor
Other
Other

INJURIES - COMPLETE BELOW

TOUR (2) 08:00 - 16:00 Hrs.

Driller T. Turriff 8
Derrick J. Caswell 8
Motor Boyd Cottrell 8
Floor Kim Tuplin 8
Floor C. Langlois 8
Lease R. ST PIERRE 8
Mechanic C. [illegible] 8
Other
INJURIES - COMPLETE BELOW

TOUR (3) 16:00 - 24:00 Hrs.

Driller R. [illegible] 8
Derrick P. LAROCHELLE 8
Motor G. JEAN 8
Floor A. COFFIN 8
Floor N. LAUZE 8
Floor
Other
Other
INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW DURING THIS TIME I RECEIVED INJURIES AS REPORTED ON THE COMPANY ACCIDENT REPORT PART II

Position	Tour #	Signature	Hrs.

Toolpusher's Approval

SAFETY TALKS

Given By: T. Turriff
Subject Don't leave Cathead with wraps on

Given By:
Subject

Bit 1

BITS: No. 1 | Size 216 mm | Type HR84F | Jets 3-13 | Serial No. 9011763 | RPM 45 | Metres 53 | Hrs. 42 | Ream | Torque | T | B | G

From	To	Metres
165	983	818

Drilling Assembly (At End of Tour)

No.			
	Bit		m
1	NBS	1.16	m
2	Stab	2.26	m
1	Spiral	8.14	m
1	XO	0.79	m
			m
6	Stands DC	154.14	m
	Singles DC		m
28	Stands DP	816.14	m
2	Singles DP		m
	Kelly Down	1.77	m
	Total	1006	m

MUD: 00:00 | 02:00 | 04:00 | 08:00

Density kg/m³	1		1010	1010	
Viscosity s/L	31	37	37	37	
Filtrate cm³					
pH	11	11	11	12	
Press kPa Pump 1	6500	6000	6500	6500	
Press kPa Pump 2					
S.P.M Pump 1	134	133	132	135	
S.P.M Pump 2					

Additives in kg: 2 CAUSTIC SODA 8 HRS; GEL 8 SKS

Desilter / Desander: Hours Operated 8 HRS; U.F. Density kg/m³ 1010; O.F. Density kg/m³ 1030; Flow Rate L/min 132; Pressure kPa

Motor Hours: 1 8; 2 8; 3 8; 4; 5; 6

Next Oil Change: NUC-6; NUC-6; NUC-6

Remarks: 12 1/4 GAL 20 BBLS

SURVEYS: Depth m | ° | Depth m | °

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ? √

Drill'g Line Record: Size mm | No. Lines | Megajoules | Total Mtd | Slipped m | Cut | Next Slip | Temp. | Weather | Roads

Force of String 540000 daN

Boiler In Use? Hrs | Camp In Use? Hrs | BOP Drill Yes No | Driller's Signature

DRILL 216 mm HOLE 0:00 8:00 8

RIG SERVICE 8:00 8:30 0.5

DRILL 216 mm HOLE 8:30 13:30 5.0

Bit 2

BITS: No. 2 | Size 216 mm | Type HR84F | Jets 3-13 | Serial No. 9011763 | Force 15000 daN | RPM 45 | Metres 67 | Hrs. 26 | Ream | Torque | T | B | G

From	To	Metres
983	1000	17

Drilling Assembly (At End of Tour)

No.			
	Bit		m
1	NBS	1.16	m
2	Stab	2.26	m
1	Spiral	8.14	m
1	XO	0.79	m
			m
6	Stands DC	154.14	m
	Singles DC		m
28	Stands DP	816.14	m
2	Singles DP		m
	Kelly Down	1.77	m
	Total	1006	m

MUD: 08:00 | 10:00 | 12:00 | 14:00

Density kg/m³	1006	1006	1006	1006
Viscosity s/L	35	35	35	38
Filtrate cm³				
pH	11.5	11.5	11.5	11.5
Press kPa Pump 1	6500	6500	6500	6500
Press kPa Pump 2				
S.P.M Pump 1	140	136	136	136
S.P.M Pump 2				

Additives in kg: KCL 6 SKS; POLYMER 1 PAIL; GEL 5 SKS

Desilter / Desander: Hours Operated 8 HRS; U.F. Density kg/m³ 1054; O.F. Density kg/m³ 1006; Flow Rate L/min 132; Pressure kPa

Motor Hours: 1 8; 2 8; 3 8; 4; 5; 6

Next Oil Change: Lub-6; Lub-6; Lub-6

Remarks:

SURVEYS: Depth 996 m | 5½ ° | Depth m | °

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ? √

Drill'g Line Record: Size 32 mm | No. Lines 10 | Megajoules 0 | Total Mtd 16504 | Slipped — | Cut — | Next Slip 7150 | Temp. 24°C | Weather Cloudy | Roads FAIR

Force of String 550000 daN

Boiler In Use? Hrs 0 | Camp In Use? Hrs 0 | BOP Drill Yes No | Driller's Signature

DRILL 216 mm HOLE 13:30 14:00 0.5

SURVEY & RIG SERVICE 14:00 14:30 0.5

DRILL 216 mm HOLE 14:30 16:00 1.5

Bit 3

BITS: No. 3C | Size 216 mm | Type HR84F | Jets 3-13 | Serial No. 9011763 | Force 15000 daN | RPM 45 | Metres 24 | Hrs. 34 | Ream | Torque | T | B | G

From	To	Metres
1000	1017	17

Drilling Assembly (At End of Tour)

No.			
	Bit		m
1	NBS	1.16	m
2	Stab	2.26	m
1	Spiral	8.14	m
1	XO	0.79	m
			m
6	Stands DC	154.14	m
	Singles DC		m
28	Stands DP	235.28	m
1	Singles DP	4.63	m
	Kelly Down		m
	Total	1017	m

MUD: 16:00 | 18:00 | 20:00 | 22:00

Density kg/m³	1006	1006	1006	1006
Viscosity s/L	37	36	36	36
Filtrate cm³	7.7			
pH	11.5	11.5	11.5	11.5
Press kPa Pump 1	6500	6500	6500	6500
Press kPa Pump 2				
S.P.M Pump 1	136	136	136	136
S.P.M Pump 2				

Additives in kg: 16 KCL SKS; 5 GEL SKS

Desilter / Desander: Hours Operated 8 HRS; U.F. Density kg/m³ 1060; O.F. Density kg/m³ 1006; Flow Rate L/min; Pressure kPa

Motor Hours: 1 8; 2 8; 3 8; 4; 5; 6

Next Oil Change: [illegible]

Remarks:

SURVEYS: Depth m | ° | Depth m | °

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ?

Drill'g Line Record: Size 32 mm | No. Lines 10 | Megajoules 0 | Total Mtd 16504 | Slipped 30M | Cut | Next Slip 7150 | Temp. 14°C | Weather COOL | Roads FAIR

Force of String 550000 daN

Boiler In Use? Hrs 0 | Camp In Use? Hrs 0 | BOP Drill Yes No | Driller's Signature

DRILL 216 MM HOLE 16:00 24:00 8

BOPS	Tested: Minutes	Tested: Pressure kPa	Checked: Open & Close
Hydril			
Pipe Rams			
Blind Rams			

CASING: Ran JTS CSG | To K.B Used | Csm Hud | Plug Down @ hrs | m³ Returns

Fuel @ 00:00 TOP FULL
Fuel Rec'd Today 2 TION 47
Total
Fuel @ 23:59
Fuel Used

Equipment Transfers (Including Rental): To / From: Trans #

Approved by Operator's Representative: Ryan Turriff

Approved by Toolpush: Roy Turriff

CONSERVATION BOARD COPY NOTE: PLEASE SHOW METRES MADE DURING CONTROLLED DRILLING AS WELL AS HOURS

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

Rig No 6 Well Name Blanchette #1

05006

Pump No. 1 ▶ Type Liner Size Stroke Length

Pump No. 2 ▶ Type EMSCO D-700 Liner Size 140 Stroke Length 406

Location C-A5PE

Report Number 28

Date Year 79 Month 2 Day 1 Rig No. 6

BITS

From	To	Metres	No.	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G
1017	1035	18	3C	216	M544	3-7-13	901763		50	1122	114						
1035	1054	19	3C	216	M548	3-7-13	901763	15,000	40-50	1121	49½						
1054	1080	26	3C	216	M548	3-7-13	901763			147	57½			120			

Drilling Assembly (At End of Tour)

No.			
	Bit		m
1	Mas	1.16	m
2	Stabs	2.36	m
1	Gauge	3.14	m
1	XO	0.31	m
			m
			m
			m
			m
	Stands DC	164.67	m
	Singles DC		m
	Stands DP	872.59	m
	Singles DP		m
	Kelly Down	33.35	m
	Total	1054	m
Force of String		55,000	daN

No.			
	Bit		m
1	Mas	1.16	m
2	Stabs	2.36	m
1	Gauge	3.14	m
1	XO	0.19	m
			m
			m
			m
			m
	Stands DC	164.67	m
	Singles DC		m
30	Stands DP	892.59	m
5	Singles DP		m
	Kelly Down	10.32	m
	Total	1080	m
Force of String		55000	daN

MUD

	00:00	02:00	04:00	06:00
Density kg/m³	1010	1010	1036	1036
Viscosity s/L	36	36	37	36
Filtrate cm³				
pH	11.5	11.5	11.5	11.5
Press kPa Pump 1	6500	6500	6500	6500
Press kPa Pump 2				
S.P.M. Pump 1	136	136	135	135
S.P.M. Pump 2				

Additives in kg: SCHLUMBERGER 3 sx; GEL 9 sx; CAUSTIC 45 kg

Desilter / Desander: Hours Operated 7 HRS; U.F. Density kg/m³ 1035; O.F. Density kg/m³ 1000; Flow Rate L/min 12; Pressure kPa

Motor Hours: 1 Aug-6; 2 Aug-6; 3 Aug-6; 4; 5; 6

Next Oil Change

Remarks: 13 sx Gulf Lube 20

Surveys: Depth m ° Depth m °

Crown Stopper Checked? Reset? Kelly Cock Checked? Rig Savers Checked?

Drill'g Line Record: Size mm 32 | No. Lines 10 | Megajoules 0 | Total MJ 16150 4 | Slipped m 30 | Cut m 30 | Next Slip 7150 | Temp. 18°C | Weather fair | Roads fair

MUD

	08:00	10:00	12:00	14:00
Density kg/m³	1010	1010	1010	1010
Viscosity s/L	35	35	36	36
Filtrate cm³				
pH	11.5	11.5	11.5	11.5
Press kPa Pump 1	6500	6500	6500	6500
Press kPa Pump 2				
S.P.M. Pump 1	136	136	136	136
S.P.M. Pump 2				

Additives in kg: KCL 36 sks; 1 pail POLYMER

Desilter / Desander: Hours Operated 2 HRS; U.F. Density kg/m³ 1080; O.F. Density kg/m³ 1010; Flow Rate L/min 10 L; Pressure kPa

Motor Hours: 1 Aug-6; 2 Aug-6; 3 Aug-6; 4; 5; 6

Next Oil Change

Remarks: Gulf Lube 30 45 Gal Motor oil

Surveys: Depth 1043 m 5½ ° Depth m °

Crown Stopper Checked? Reset? Kelly Cock Checked? Rig Savers Checked?

Drill'g Line Record: Size mm 32 | No. Lines 10 | Megajoules 0 | Total MJ 16504 | Slipped m 30 | Cut m 30 | Next Slip 7150 | Temp. 18°C | Weather fair | Roads fair

MUD

	16:00	18:00	20:00	22:00
Density kg/m³	1010	1010	1010	1010
Viscosity s/L	35	34	34	34
Filtrate cm³				
pH	11.5	11.5	11.5	11.5
Press kPa Pump 1	6500	6500	6500	7000
Press kPa Pump 2				
S.P.M. Pump 1	136	136	136	133
S.P.M. Pump 2				

Additives in kg: 45 SCAVENGER

Desilter / Desander: Hours Operated 8 HRS; U.F. Density kg/m³ 1060; O.F. Density kg/m³ 1010; Flow Rate L/min 12 L; Pressure kPa

Motor Hours: 1 8; 2 8; 3 8; 4; 5; 6

Next Oil Change

Remarks: Drill EP 70 MUD PUMPS

Surveys: Depth m ° Depth m °

Crown Stopper Checked? Reset? Kelly Cock Checked? Rig Savers Checked?

Drill'g Line Record: Size mm 32 | No. Lines 10 | Megajoules 0 | Total MJ 16504 | Slipped m 30 | Cut m 30 | Next Slip 7150 | Temp. 18°C | Weather FAIR | Roads GOOD

Time

Report Number	Start	Stop	Hrs
DRILL 216 mm hole	23:00	23:30	0.5
RIG SERVICE	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	8

Boiler In Use? Hrs 0 | Camp In Use? Hrs 0 | BOP Drill Yes No | Driller's Signature Ed Donahue

Report Number	Start	Stop	Hrs
Drill 216 mm hole	8:00	11:00	3:00
Survey & Rig service	11:00	11:30	0:30
Drill 216 mm hole	11:30	16:00	4:30
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	8

Boiler In Use? Hrs 0 | Camp In Use? Hrs 0 | BOP Drill Yes No | Driller's Signature T. Turriff

Report Number	Start	Stop	Hrs
DRILL 216 mm hole	16:30	24:00	8.
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	
	:	:	8

Boiler In Use? Hrs 0 | Camp In Use? Hrs 0 | BOP Drill Yes No | Driller's Signature Roland Bedard

"I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING THIS TIME I RECEIVED NO INJURY."

(EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT) IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

TOUR ① 00:00 - 08:00 Hrs

Driller Ed Donahue 8
Derrick J Dubeau 8
Motor L Turriff 8
Floor Romeo Patterson 8
Floor Gerard Trudel 8
Floor
Other
Other

INJURIES - COMPLETE BELOW

TOUR ② 08:00 - 16:00 Hrs

Driller T. Turriff 8
Derrick J. Caouel 8
Motor Boyd Coffin 8
Floor Kim Turriff 8
Floor C. Langlais 8
Lease R. St. Pierre 8
Mechanic C. Coffin 8
Other

INJURIES - COMPLETE BELOW

TOUR ③ 16:00 - 24:00 Hrs

Driller R. BEDARD 8
Derrick R. LAROCHELLE 8
Motor G. JEAN 8
Floor A. COFFIN 8
Floor N. LAUZE 8
Floor
Other
Other

INJURIES - COMPLETE BELOW

"I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW DURING THIS TIME I RECEIVED NO INJURIES AS REPORTED ON THE COMPANY ACCIDENT REPORT PART 1."

Position	Tour	Signature	Hrs.

Toolpusher's Approval

SAFETY TALKS

Given By: Ed Donahue
Subject: Blow Out

Given By:
Subject

BOPS

	Tested Minutes	Tested Pressure kPa	Checked Open & Close
Hydril			
Pipe Rams			
Blind Rams			

CASING

Ran	JTS	CSG	
To	K.B. Used	Sx	
	Cem Plus		
	Plug Down @	hrs	
	m³ Returns		

Fuel @ 00:00 TOP TANK FULL
Fuel Rec'd Today BOTTOM 140
Total
Fuel @ 23:59
Fuel Used

Equipment Transfers (Including Rental)
To / From Trans 6

Approved by Operator's Representative

Approved by Toolpush

CONSERVATION BOARD COPY NOTE: PLEASE SHOW METRES MADE DURING CONTROLLED DRILLING AS WELL AS HOURS

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

Rig No 6 Well Name BLANCHETTE # 1

05007

Pump No 1 ▶ Type NATIONAL Liner Size 127 Stroke Length 216
Pump No 2 ▶ Type EMSCO D-375 Liner Size 140 Stroke Length 406
Location GASPE

Date Year 77 Month 8 Day 2 Rig No. 6

Report Number 29

I ACKNOWLEDGE HAVING WORKED THOSE HOURS DURING THIS TIME I RECEIVED NO INJURY.

(EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT) IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

From	To	Metres
1104	1104	24

BITS

No	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G
2C	216	HWF	3-13	401763			171	65			100			

No.	Drilling Assembly (At End of Tour)	
	Bit	1.10 m
		m
		m
		m
		m
		m
		m
	Stands DC	1 m
	Singles DC	m
	Stands DP	121.11 m
	Singles DP	m
	Kelly Down	5.73 m
	Total	m

MUD	00:00	02:00	04:00	06:00
Density kg/m³	1210	1210	1200	1200
Viscosity s/L	37	36	34	37
Filtrate cm³				
pH	11.5	11.5	11.5	12
Press kPa Pump 1	7	7	6900	6900
Press kPa Pump 2				
S.P.M. Pump 1	135	135	135	135
S.P.M. Pump 2				

Additives in kg: GEL 3 SX; SCAVENGER 3 SX

Desilter / Desander: Hours Operated 2 HRS; U.F. Density kg/m³ 1030; O.F. Density kg/m³ 1005; Flow Rate L/min 106; Pressure kPa

Motor Hours: 1 2 3 4 5 6

Next Oil Change

Remarks: GULF #P 90 40B 5W30

SURVEYS

Depth m	°	Depth m	°
1141	6½		

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ?

Drill'g Line Record	Size mm	No Lines	Megajoules	Total MJ	Slipped m	Cut m	Next Slip	Temp.	Weather	Roads
	32	10	0	161504		30	7150	14 C		

Force of String 56.00 daN

Driller In Use? Hrs | Camp In Use? Hrs | BOP Drill Yes No | Driller's Signature

From	To	Metres
1104	1126	22

BITS

No	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G
3C	216	HWF	3-13	401763	1500	120	193	73						

No.	Drilling Assembly (At End of Tour)	
		m
		m
1	HWDS	1.11 m
2	STDS	2.26 m
1	NMDC	8.14 m
1	XO	0.74 m
		m
		m
6	Stands DC	169.14 m
	Singles DC	m
	Stands DP	117.21 m
	Singles DP	m
	Kelly Down	7.17 m
	Total	1126 m

MUD	08:00	10:00	12:00	14:00
Density kg/m³	1210	1200	1205	1205
Viscosity s/L	37	37	37	37
Filtrate cm³				
pH	11.5	11.5	11.5	11.5
Press kPa Pump 1	6310	6900	6900	6900
Press kPa Pump 2				
S.P.M. Pump 1	136	130	136	136
S.P.M. Pump 2				

Additives in kg: KCL 31 SX; POLYMER I. PAIL; SCAVENGER 3 SX

Desilter / Desander: Hours Operated 8 HRS; U.F. Density kg/m³ 1078; O.F. Density kg/m³ 1600; Flow Rate L/min 10 L; Pressure kPa

Motor Hours: 1 8 2 8 3 8 4 5 6

Next Oil Change

Remarks:

SURVEYS

Depth m	°	Depth m	°

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ?

Drill'g Line Record	Size mm	No Lines	Megajoules	Total MJ	Slipped m	Cut m	Next Slip	Temp.	Weather	Roads
	32	10	0	161504	30	13	11150	34 C		

Force of String 52.000 daN

Driller In Use? Hrs 0 | Camp In Use? Hrs 0 | BOP Drill Yes No | Driller's Signature

From	To	Metres
1126	1153	27

BITS

No	Size	Type	Jets	Serial No.	Force	F.P.M.	Metres	Hrs	Ream	Hrs	Torque	T	B	G
5C	216	HWF	3-13	401765			220	80½			140			

No	Drilling Assembly (At End of Tour)	
	Bit	m
		m
		m
		m
		m
		m
		m
	Stands DC	169.14 m
	Singles DC	m
24	Stands DP	968.65 m
	Singles DP	m
	Kelly Down	9.76 m
	Total	1153.94 m

MUD	16:00	18:00	20:00	22:00
Density kg/m³	1210	1205	1020	1029
Viscosity s/L	36	35	34	34
Filtrate cm³				
pH	11.5	11.5	11.5	11.5
Press kPa Pump 1	6900	6900	6900	6900
Press kPa Pump 2				
S.P.M. Pump 1	136	136	136	136
S.P.M. Pump 2				

Additives in kg: 45 KG CAUSTIC; 15 GELSX

Desilter / Desander: Hours Operated 8 HRS; U.F. Density kg/m³ 1070; O.F. Density kg/m³ 1015; Flow Rate L/min 10 L; Pressure kPa

Motor Hours: 1 7 2 7 3 7 4 5 6

Next Oil Change

Remarks:

SURVEYS

Depth m	°	Depth m	°
1148	2°		

Crown Stopper Checked ? OK | Reset ? OK | Kelly Cock Checked ? | Rig Savers Checked ?

Drill'g Line Record	Size mm	No Lines	Megajoules	Total MJ	Slipped m	Cut m	Next Slip	Temp.	Weather	Roads
	32	10	0	161504	30	3	11150	21 C	SUN	FAIR

Force of String 56,000 daN

Driller In Use? Hrs | Camp In Use? Hrs | BOP Drill Yes No | Driller's Signature

Time Start	Time Stop	Intvl	
			DRILL 216 mm HOLE
			SURVEY TRIG SERVICE
800	1600	8	Drill 216 mm hole
			Rig service
2230	2300	.50	SURVEY and Rig service
2300	2400	1.00	DRILL

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

Rig No. 6 Well Name BLINDHEIM ET AL 1

05008

Pump No. 1 ▶ Type NATIONAL 127 Liner Size 127 Stroke Length 216

Pump No. 2 ▶ Type EMSCO D-700 Liner Size 140 Stroke Length 216

Location C-A/PE

Report Number 30

Date Year 74 Month 8 Day 3 Rig No. 6

I ACKNOWLEDGE HAVING WORKED THESE HOURS DURING THIS TIME & RECEIVED NO INJURY.

(EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT) IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

TOUR 1 — 00:00 - 08:00

From	To	Metres
1153	1178	25

BITS

No.	Size mm	Type	Jets mm	Serial No.	Force daN	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G
2C	216	MHAJ	3-7 7/8	901762	15000	70	215	33½						

Drilling Assembly (At End of Tour)

No.			
	Bit		m
			m
			m
			m
			m
			m
			m
			m
	Stands DC	1007.67	m
	Singles DC		m
	Stands DP	117.21	m
	Singles DP		m
	Kelly Down	3.64	m
	Total	1178	m

MUD	00:00	02:00	04:00	06:00
Density kg/m³	1030	1030	1030	1030
Viscosity s/L	36	37	37	37
Filtrate cm³				
pH	11	11	11.5	12
Press kPa Pump 1	6500	6500	6500	6500
Press kPa Pump 2				
S.P.M. Pump 1	135	135	135	135
S.P.M. Pump 2				

Additives in kg: CAUSTIC 45 KG; BENTONITE 30 KG

Desilter / Desander: Hours Operated 2 HRS; U.F. Density kg/m³ 1040; O.F. Density kg/m³ 1000; Flow Rate L/min 10L; Pressure kPa

Motor Hours: 1 3; 2 3; 3 3; 4; 5; 6

Next Oil Change: 1 Aug-6; 2 Aug-6; 3 Aug-6

Remarks: GELS 5 MIN 13 - 30

SURVEYS: Depth m ° Depth m °

Crown Stopper Checked ? Reset ? Kelly Cock Checked ? Rig Savers Checked ?

Drill'g Line Record: Size mm; No. Lines; Megajoules; Total MJ; Slipped m; Cut; Next Slip; Temp.; Weather; Roads

Force of String daN

Start	Time Stop	Intvl
:	:	•
:	:	• 2
:	:	•
:	:	•
:	:	•
:	:	•
:	:	•
:	:	•
:	:	•
:	:	•
:	:	•
:	:	•
:	:	•
:	:	• 8

DRILL 216 mm HOLE

RIG SERVICE

Boiler In Use? Hrs. | Camp In Use? Hrs. | BOP Drill Yes No | Driller's Signature E.D. [illegible]

TOUR 1 — 00:00 - 08:00 Hrs.

Driller	E. DONAHOE	8
Derrick	J. DUBEAU	8
Motor	L. TURRISI	8
Floor	ROGER PATTERSON	8
Floor	GERARD TRUDEL	8
Floor		
Other		
Other		

INJURIES - COMPLETE BELOW

TOUR 2 — 08:00 - 16:00

From	To	Metres
1178	1202	24

BITS

No.	Size mm	Type	Jets mm	Serial No.	Force daN	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G
3C	216	MHAJ	3-7 7/8	901763	15000	70	269	9½						

Drilling Assembly (At End of Tour)

No.			
	Bit		m
1	NBS	1.16	m
2	STABS	2.26	m
1	SHORT	2.14	m
1	XO	0.71	m
			m
			m
6	Stands DC	167.24	m
	Singles DC		m
35	Stands DP	1016.50	m
2	Singles DP		m
	Kelly Down	8.41	m
	Total	1202	m

MUD	08:00	10:00	12:00	14:00
Density kg/m³	1020	1020	1020	1020
Viscosity s/L	31	31	36	36
Filtrate cm³				
pH	11.5	11.5	11.5	11.5
Press kPa Pump 1	6500	6500	6500	6500
Press kPa Pump 2				
S.P.M. Pump 1	135	136	134	136
S.P.M. Pump 2				

Additives in kg: KCL 30 SKS; POLYMER 1 PAIL; SCAVENGER 12L

Desilter / Desander: Hours Operated 2 HRS; U.F. Density kg/m³ 1054; O.F. Density kg/m³ 1010; Flow Rate L/min 10L; Pressure kPa

Motor Hours: 1 8; 2 8; 3 8; 4; 5; 6

Next Oil Change: 1 Aug-6; 2 Aug-6; 3 Aug-6

SURVEYS: Depth 1176 m ° 9 Depth m °

Crown Stopper Checked ? Reset ? Kelly Cock Checked ? Rig Savers Checked ?

Drill'g Line Record: Size 32 mm; No. Lines 10; Megajoules 0; Total MJ 161504; Slipped 30 m; Cut 30; Next Slip 7150; Temp. 24°C; Weather Good; Roads Fair

Force of String daN

Start	Time Stop	Intvl
8:30	12:30	4:30
12:30	13:00	:30
13:00	16:00	3:00
:	:	•
:	:	•
:	:	•
:	:	•
:	:	•
:	:	•
:	:	•
:	:	•
:	:	•
:	:	• 8

DRILL 216 mm hole

Survey & Rig service

Drill 216 mm hole

Boiler In Use? Hrs. 0 | Camp In Use? Hrs. 0 | BOP Drill Yes No | Driller's Signature [signature]

TOUR 2 — 08:00 - 16:00 Hrs.

Driller	T. Tarriff	8
Derrick	J. Cowell	8
Motor	Boyd Cottle	8
Floor	Kim Tarriff	8
Floor	C. [illegible]	8
Lease	R. ST. P[illegible]	8
Mechanic	C. [illegible]	8
Other		
INJURIES - COMPLETE BELOW		

TOUR 3 — 16:00 - 24:00

From	To	Metres
1202	1238	36

BITS

No.	Size mm	Type	Jets mm	Serial No.	Force daN	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G
3C	216	MHAJ	3-7 7/8	901763	15000	70	305	10½						

Drilling Assembly (At End of Tour)

No.			
	Bit		m
1	NBS	1.16	m
2	STABS	2.26	m
1	SHORT	2.19	m
1	XO	0.79	m
			m
			m
9	Stands DC	169.67	m
	Singles DC		m
37	Stands DP	1054.37	m
	Singles DP		m
	Kelly Down	6.54	m
	Total	1238	m

MUD	16:00	18:00	20:00	22:00
Density kg/m³	1020	1020	1020	1020
Viscosity s/L	36	36	35	35
Filtrate cm³				
pH	11.5			11.5
Press kPa Pump 1	6500			6500
Press kPa Pump 2				
S.P.M. Pump 1	136			136
S.P.M. Pump 2				

Additives in kg: 45 KG CAUSTIC; 5 SEE SKS

Desilter / Desander: Hours Operated 2 HRS; U.F. Density kg/m³ 1060; O.F. Density kg/m³ 1020; Flow Rate L/min 10L; Pressure kPa

Motor Hours: 1 8; 2 8; 3 8; 4; 5; 6

Next Oil Change: 1 Aug-6; 2 Aug-6; 3 Aug-6

SURVEYS: Depth m ° Depth m °

Crown Stopper Checked ? Reset ? Kelly Cock Checked ? Rig Savers Checked ?

Drill'g Line Record: Size 32 mm; No. Lines 10; Megajoules 0; Total MJ 161504; Slipped 30 m; Cut 30; Next Slip 7150; Temp. 24°C; Weather Good; Roads Fair

Force of String 58 daN

Start	Time Stop	Intvl
16:00	24:00	8
:	:	•
:	:	•
:	:	•
:	:	•
:	:	•
:	:	•
:	:	•
:	:	•
:	:	•
:	:	•
:	:	•
:	:	•
:	:	• 8

DRILL 216 mm hole

Boiler In Use? Hrs. 0 | Camp In Use? Hrs. 0 | BOP Drill Yes No | Driller's Signature [signature]

TOUR 3 — 16:00 - 24:00 Hrs.

Driller	R. [illegible]	8
Derrick	R. CLARKE-ELLE	8
Motor	[illegible] TEMP	8
Floor	[illegible] JEFFRIES	8
Floor	D. LAIZE	8
Floor		
Other		
Other		

INJURIES - COMPLETE BELOW

ALL ACCIDENTS, INJURIES, WORKED TIME, HOURS SHOWN HEREON DURING THIS TIME ARE CORRECT & APPROVED AS THE COMPANY'S ACCIDENT REPORT PARTY.

Position	Signature	Hrs.

Toolpusher's Approval

SAFETY TALKS

Given By: Subject

Given By: Subject

BOPS	Tested Minutes	Tested Pressure kPa	Checked Open & Close
Hydril			
Pipe Rams			
Blind Rams			

CASING

Ran	JTS	CSG
To	K.B. Used	Sz.
	Cem Plus	
	Plug Down @ hrs	
	m³ Returns	

Fuel @ 00:00 TOP FULL

Fuel Rec'd Today BOTTOM 25"

Total

Fuel @ 23:59

Fuel Used

Equipment Transfers (Including Rental)

To / From	Trans #

Approved by Operator's Representative [signature]

Approved by Toolpush [signature]

CONSERVATION BOARD COPY NOTE: PLEASE SHOW METRES MADE DURING CONTROLLED DRILLING AS WELL AS HOURS

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

Rig No. 6 Well Name BLANCHE LEE 7-1

05099

Pump No. 1 Type Liner Size Stroke Length
Pump No. 2 Type EMCO D-100 Liner Size 145 Stroke Length 406 Location

From	To	Metres
	1252	14

No.	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G
BITS	4C	216					307	104				3	3	2
	4C	216		7-13			12							

No.	Drilling Assembly (At End of Tour)	
	Bit	m
		m
		m
		m
		m
		m
		m
	Stands DC	m
	Singles DC	m
	Stands DP	m
	Singles DP	m
	Kelly Down	m
	Total	m

MUD	00:00	02:00	04:00	06:00
Density kg/m³	1020		1020	1020
Viscosity s/L	38		39	37
Filtrate cm³				
pH	11.5		11.5	11
Press kPa Pump 1	6500		6500	6500
Press kPa Pump 2				
S.P.M. Pump 1	136		103	136
S.P.M. Pump 2				

Additives in kg: GEL F LUB 7 SP 15 SB

Desilter / Desander: Hours Operated; U/F Density kg/m³ 1080; O/F Density kg/m³ 1020; Flow Rate L/min 1424; Pressure kPa

Motor Hours: 1 2; 2; 3; 4; 5; 6

Next Oil Change: 6; 6; 6; 6; 6; 6

Remarks: KELLY REW CLOCK 15.5 HRS

SURVEYS: Depth m ° Depth m °

Crown Stopper Checked ? ✓ Reset ? Kelly Cock Checked ? Rig Savers Checked ?

Drill'g Line Record	Size mm	No. Lines	Megajoules	Total MJ	Slipped m	Cut	Next Slip	Temp.	Weather	Roads
	32	10	0	0	0	0	0	1	SUN	GOOD

Force of String daN

Boiler In Use? Hrs | Camp In Use? Hrs | BOP Drill Yes No | Driller's Signature

Report Number 31

Time	Start	Stop	Intvl
TRIP	:	:	•
DRILL 216mm HOLE	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•
	:	:	•

Date Year Month Day Rig No. 6

I ACKNOWLEDGE HAVING WORKED THESE HOURS DURING THIS TIME I RECEIVED NO INJURY!

(EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT. IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

TOUR ① 00:00 - 08:00 Hrs.

Driller L. DONAHOE 8
Derrick J. DUBEAU 8
Motor L. TURCOTTE 8
Floor ROGER PATTERSON 8
Floor GERARD TRUDEL 8
Floor
Other
Other

INJURIES - COMPLETE BELOW

From	To	Metres
1252	1272	20

No.	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G
BITS	4C	216	3×15	E-293	ED705	3000	55	33	12¼					

No.	Drilling Assembly (At End of Tour)	
	Bit	m
1	MS	1.16 m
2	STAB	2.26 m
1	SHOCK	9.17 m
1	XO	0.79 m
		m
5	Stands DC	164.74 m
	Singles DC	m
8	Stands DP	1041.94 m
1	Singles DP	m
	Kelly Down	3.20 m
	Total	1273 m

MUD	08:00	10:00	12:00	14:00
Density kg/m³	1020	1020	1020	1020
Viscosity s/L	38	38	36	36
Filtrate cm³				
pH	11.5	11.5	11.5	11.5
Press kPa Pump 1	6500	6500	6500	6500
Press kPa Pump 2				
S.P.M. Pump 1	136	136	136	136
S.P.M. Pump 2				

Additives in kg: CAUSTIC 45 KG; KCL 30 kg; POLYMER 10 kg; HI-VIS GEL 20 kg

Desilter / Desander: Hours Operated 4 HRS; U/F Density kg/m³ 1120; O/F Density kg/m³ 1020; Flow Rate L/min 1424; Pressure kPa

Motor Hours: 1 8; 2 8; 3 8; 4; 5; 6

Next Oil Change: 6; 6; 6; 6; 6; 6

Remarks:

SURVEYS: Depth m ° Depth m °

Crown Stopper Checked ? Reset ? Kelly Cock Checked ? Rig Savers Checked ?

Drill'g Line Record	Size mm	No. Lines	Megajoules	Total MJ	Slipped m	Cut	Next Slip	Temp.	Weather	Roads
	32	10	0	170634	30	20		24°C	Good	Icy

Force of String 540 000 daN

Boiler In Use? 0 Hrs | Camp In Use? 0 Hrs | BOP Drill Yes No | Driller's Signature

Drill 216mm Hole 8:00 16:30 8
Rig Service 16:30 17:00 ½
Drill 216mm Hole 17:00 21:00 8

TOUR ② 08:00 - 16:00 Hrs.

Driller T. Turriff 8
Derrick J. Cravel 8
Motor Boyd Coffin 8
Floor K. Turriff 8
Floor C. Langlois 8
Mechanic C. [illegible] 8
Other
INJURIES - COMPLETE BELOW

From	To	Metres
1272	1283	11

No.	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G
BITS	4C	216	3×15	E-293	ED705	3000	35	43	20½					

No.	Drilling Assembly (At End of Tour)	
	Bit	m
1	MS	1.16 m
2	STAB	2.26 m
1	SHOCK	9.17 m
1	XO	0.79 m
		m
5	Stands DC	164.74 m
	Singles DC	m
8	Stands DP	1041.94 m
1	Singles DP	m
	Kelly Down	3.20 m
	Total	1283 m

MUD	16:00	18:00	20:00	22:00
Density kg/m³	1020	1020	1020	1020
Viscosity s/L	38	38	38	38
Filtrate cm³				
pH	11.5	11.5	11.5	11.5
Press kPa Pump 1	6500	6500	6500	6500
Press kPa Pump 2				
S.P.M. Pump 1	136	136	136	136
S.P.M. Pump 2				

Additives in kg: GEL; CAUSTIC; POLYMER

Desilter / Desander: Hours Operated 8 HRS; U/F Density kg/m³ 1170; O/F Density kg/m³ 1020; Flow Rate L/min 1424; Pressure kPa

Motor Hours: 1 9; 2 9; 3 8; 4; 5; 6

Next Oil Change: 6; 6; 6; 6; 6; 6

Remarks: Swivel EP-600 MUD PUMP

SURVEYS: Depth m ° Depth m °

Crown Stopper Checked ? OK Reset ? OK Kelly Cock Checked ? Rig Savers Checked ?

Drill'g Line Record	Size mm	No. Lines	Megajoules	Total MJ	Slipped m	Cut	Next Slip	Temp.	Weather	Roads
	32	10	19	20	170634	30	30	2°C	SUN	ICY

Force of String 580 000 daN

Boiler In Use? 0 Hrs | Camp In Use? 0 Hrs | BOP Drill Yes No | Driller's Signature

Drill 216mm HOLE 16:30 21:00 8

TOUR ③ 16:00 - 24:00 Hrs.

Driller R. BEDARD 8
Derrick R. LAROCHELLE 8
Motor G. STEAN 8
Floor A. COEFIN 8
Floor N. LAUZE 8
Floor
Other
Other
INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THESE HOURS DURING THIS TIME I RECEIVED NO INJURIES AS REQUIRED BY THE PROPERTY ACCIDENT REPORT (PARA 2)

Position	Tour #	Signature	Hrs.

Toolpusher's Approval 8

SAFETY TALKS

Given By: Subject

Given By: Subject

BOPS	Tested Minutes	Tested Pressure kPa	Checked Open & Close
Hydril			
Pipe Rams			
Blind Rams			

CASING: Ran JTS CSG | To K.B. Used Sx | Cem Plus | Plug Down @ hrs | m³ Returns

Fuel @ 00:00 TOP FULL | Fuel Rec'd Today 10Tion 15" | Total | Fuel @ 23:59 | Fuel Used

Equipment Transfers (Including Rental): To / From Trans #

Approved by Operator's Representative

Approved by Toolpush

CONSERVATION BOARD COPY NOTE: PLEASE SHOW METRES MADE DURING CONTROLLED DRILLING AS WELL AS HOURS

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

05011

Rig No. 6 Well Name BLANCHETTE #1

Pump No. 1 ▶ NATIONAL 8P80 Liner Size 120-216 Stroke Length
Pump No. 2 ▶ EMSCO D700 Liner Size 140 Stroke Length 406
Location GASPE Report Number 32

From	To	Metres
1283	1287	4

BITS

No.	Size	Type	Jets	Serial No	Force daN	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G
4C	216	X55R	3-13	ED705	13000	35	47	32¼						

Drilling Assembly (At End of Tour)

No.			
	Bit		m
1	NBS	1.16	m
2	STABS	2.26	m
1	Sqwd	8.19	m
1	XO	0.79	m
			m
			m
			m
6	Stands DC	164.64	m
	Singles DC		m
39	Stands DP		m
2	Singles DP	1101.37	m
	Kelly Down	23.44	m
	Total	1287	m

MUD	00:00	02:00	04:00	06:00	Additives in kg
Density kg/m³	1020	1020	1020	1020	CAUTIC 45 KG
Viscosity s/L	35	35	35	35	Viscosifier 32
Filtrate cm³					
pH	11.5	11.5	11.5	11.5	
Press kPa Pump 1	6500	6500	6500	6500	
Press kPa Pump 2					
S.P.M. Pump 1	136	136	136	136	
S.P.M. Pump 2					

Desilter / Desander: Hours Operated 8 hrs; U.F. Density kg/m³ 1078; O.F. Density kg/m³ 1010; Flow Rate L/min 12 L; Pressure kPa

Motor Hours		Next Oil Change
1	8	avg-6
2	8	avg-6
3	8	avg-6
4		
5		
6		

Remarks

SURVEYS: Depth m / Depth m

Crown Stopper Checked? Reset? Kelly Cock Checked? Rig Savers Checked?

Drill'g Line Record	Size mm	No. Lines	Megajoules	Total MJ	Slipped m	Cut	Next Slip	Temp.	Weather	Roads
	32	10	9120	170624	17M	17M	next trip	18°	GOOD	FAIR

Boiler In Use? No Camp In Use? No BOP Drill Yes No Driller's Signature Tom Turriff

Start	Time Stop	Intvl	
4:00	8:00	8	DRILL 216m HOLE
:	:	•	Rig service
:	:	•	
:	:	•	
:	:	•

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

05012

Rig No. 6 Well Name Blanchette # 1

Pump No. 1 Type [illegible] Liner Size 127 Stroke Length 216
Pump No. 2 Type [illegible] D-700 Liner Size 140 Stroke Length 406
Location Gaspe

Report Number 33

Date: Year 79 Month 8 Day 6 — Rig No. 6

I ACKNOWLEDGE HAVING WORKED THESE HOURS DURING THIS TIME. I RECEIVED NO INJURY.

(EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT) IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

Bits

No.	Size	Type	Jets mm	Serial No.	Force daN	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G
1	216	STR	12-12-12	41534	9000	35	294	19½						
2			1-X-12											

Drilling Assembly (At End of Tour)

No.			
	Bit		m
1	NRS	1.16	m
2	STAB	2.26	m
1	[illegible]	8.19	m
1	XO	0.79	m
			m
			m
			m
6	Stands DC	169.69	m
	Singles DC		m
27	Stands DP	1207.12	m
2	Singles DP		m
	Kelly Down	5.46	m
	Total	1382.50	m

MUD

	08:00	10:00	12:00	14:00
Density kg/m³	1020	1020	1020	1020
Viscosity s/L	50	50	50	53
Filtrate cm³	11.5			
pH	11.5	11.5	11.5	11.5
Press kPa Pump 1	6300	6500	6300	6300
Press kPa Pump 2				
S.P.M. Pump 1	136	136	136	136
S.P.M. Pump 2				

Additives in kg: 15 KL

Desilter / Desander: Hours Operated; U/F Density kg/m³; O/F Density kg/m³ OFF; Flow Rate L/min; Pressure kPa

Motor	Hours	Next Oil Change
1	8	aug-20
2	8	aug-20
3	8	aug-20
4		
5		
6		

Remarks

Surveys

Depth m	°	Depth m	°

Crown Stopper Checked? OK — Reset? OK — Kelly Cock Checked? — Rig Savers Checked?

Drill'g Line Record

Size mm	No. Lines	Megajoules	Total MJ	Slipped m	Cut	Next Slip	Temp.	Weather	Roads
32	10	0	180239	17M	17M	7150	12°C	Cloudy	GOOD

Force of String 61000 daN

Boiler In Use? Hrs 0 — Camp In Use? Hrs 0 — BOP Drill Yes / No — Driller's Signature [signature]

Bits

No.	Size	Type	Jets mm	Serial No.	Force daN	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	S	G
6	216	STR	2-2-14 1-2-12	40998								4	2	1

Drilling Assembly (At End of Tour)

No.			
	Bit		m
1	XO	0.79	m
			m
			m
			m
			m
			m
6	Stands DC	167.69	m
	Singles DC		m
19	Stands DP	1141.43	m
1	Singles DP		m
	Kelly Down	5.46	m
	Total		m

MUD

	16:00	18:00	20:00	22:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg: 15 KL SXS

Desilter / Desander: Hours Operated; U/F Density kg/m³; O/F Density kg/m³; Flow Rate L/min; Pressure kPa

Motor	Hours	Next Oil Change
1	8	aug-20
2	8	aug-20
3	8	aug-20
4		
5		
6		

Remarks

Surveys

Depth m	°	Depth m	°

Crown Stopper Checked? — Reset? — Kelly Cock Checked? — Rig Savers Checked?

Drill'g Line Record

Size mm	No. Lines	Megajoules	Total MJ	Slipped m	Cut	Next Slip	Temp.	Weather	Roads
32	10	1655	181874	17M	17M	7150	15°	RAIN	FAIR

Force of String daN

Boiler In Use? Hrs 0 — Camp In Use? Hrs 0 — BOP Drill Yes / No — Driller's Signature [signature]

Time

	Start	Stop	Intvl
Drill 216 mm hole	7:30	8:00	½
Rig Service	8:00	15:00	7
Drill 216 mm Hole	15:00	16:00	1
Top Drill Circulation	16:00	16:30	½
Pull out of hole to	16:30	19:30	3
Log - rig down Schlumberger	19:30	22:00	2½
Log #1	22:00	24:00	2
Log #2			

TOUR ① 00.00 - 08:00

	Hrs.
Driller T. Turcott	8
Derrick J. Gauvel	8
Motor Boyd Cotton	8
Floor Kim Turcott	8
Floor C. Langlois	8
Floor	
Other	
Other	

INJURIES - COMPLETE BELOW

TOUR ② 08:00 - 16:00

	Hrs.
Driller R Bisson	8
Derrick R LAROCHELLE	8
Motor G SEAN	8
Floor A COFFIN	8
Floor N LAUZE	8
Lease R TREPANIER	8
Mechanic C BU[illegible]	8
Other	

INJURIES - COMPLETE BELOW

TOUR ③ 16:00 - 24:00

	Hrs.
Driller T ROSE	8
Derrick T M MORIN	8
Motor DOUG PATTERSON	8
Floor F MORISSETTE	8
Floor P DESJARDINS	8
Floor	
Other	
Other	

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW DURING THIS TOUR. I HAVE REPORTED ALL INJURIES AND ACCIDENTS AND COMPLETED ACCIDENT REPORT FORMS.

Position	Tour #	Signature	Hrs.

Toolpusher's Approval

SAFETY TALKS

Given By: Subject

Given By: Subject

BOPS

	Tested		Checked
	Minutes	Pressure kPa	Open & Close
Hydril			
Pipe Rams			
Blind Rams			

CASING

Ran 7⅝" JTS 21 CSG
To 295 K.B Used Sx
Cem Plus
Plug Down @ hrs
m³ Returns

Fuel @ 00.00 BOTTOM IS MUDDY
Fuel Rec'd Today Top 60"
Total
Fuel @ 23:59
Fuel Used

Equipment Transfers (Including Rental)

To / From	Trans #

Approved by Operator's Representative [signature]

Approved by Toolpush [signature]

CONSERVATION BOARD COPY NOTE: PLEASE SHOW METRES MADE DURING CONTROLLED DRILLING AS WELL AS HOURS

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

05013

Rig No. 6 Well Name Blanchette #1 Location Gaspé Report Number 34

Date Year 79 Month 8 Day 7 Rig No. 6

Pump No. 1 Type National 8-P-80 Liner Size 127 - 5½ Stroke Length 140 - 406
Pump No. 2 Type Emsco D-700 Liner Size 140 - 406 Stroke Length

From	To	Metres

BITS

No.	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G

Drilling Assembly (At End of Tour)

No.		
	Bit	m
1	10	0.79 m
		m
		m
		m
		m
		m
		m
1	Stands DC	164.67 m
	Singles DC	m
46	Stands DP	m
1	Singles DP	1141.43 m
	Kelly Down	5.46 m
	Total	m
	Force of String	daN

MUD

	00:00	02:00	04:00	06:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg

Desilter / Desander: Hours Operated; U/F Density kg/m³; O/F Density kg/m³; Flow Rate L/min; Pressure kPa — Not Run

Motor Hours

		Next Oil Change
1	5	46-20
2	8	46-20
3	8	46-20
4		
5		
6		

Remarks

SURVEYS: Depth m ° | Depth m °

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ?

Drill Line Record	Size mm	No. Lines	Megajoules	Total MJ	Slipped m	Cut m	Next Slip	Temp.	Weather	Roads
	32	10	1655	181894	17M	17M	7150	14°C	Rain	Fair

Boiler in Use? Hrs 0 | Camp in Use? Hrs 0 | BOP Drill Yes No | Driller's Signature Tom Turcott

Time Start	Time Stop	Hrs.
LOG #2 0900	0930	½
LOG #3 0930	0630	4
LOG #4 0630	0800	½
		8
LOG #4 800	1200	4
Tear out w/ Schlumberger 1200	1230	·50
Run in Hole Break Circ. 1230	1345	1·25
circulate 1345	1600	2·25
		8
CIRCULATE 1600	2000	4
PULL OUT OF HOLE TO DO 2000		
A D.S.T.	2130	1½
WAIT ON TESTER 2130	2400	2½
		8

I ACKNOWLEDGE HAVING WORKED THESE HOURS DURING THIS TIME I RECEIVED NO INJURY

(EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT) IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

	Hrs.
TOUR ① 00:00 - 08:00	
Driller T. Turcott	8
Derrick J. Canuel	8
Motor Boyd Cottin	8
Floor Kim Turcott	8
Floor C. Langlois	8
Floor	
Other	
Other	
INJURIES - COMPLETE BELOW	
TOUR ② 08:00 - 16:00	
Driller R. Bédard	8
Derrick R. LAROCHELLE	8
Motor G. SEARS	8
Floor A. COTE	8
Floor M. LAUZE	8
Lease R. TREMBLAY	8
Mechanic C. [illegible]	8
Other	
INJURIES - COMPLETE BELOW	
TOUR ③ 16:00 - 24:00	
Driller F. ASTRE	8
Derrick J. M. MOREN	8
Motor HUB. PATTERSON	8
Floor J. MORISSETTE	8
Floor P. DESTARDINS	8
Floor	
Other	
Other	
INJURIES - COMPLETE BELOW	

Position	Tour #	Signature	Hrs.

Toolpusher's Approval

SAFETY TALKS
Given By:
Subject

Given by:
Subject

Pump No. 1 Type National 8-P-80 Liner Size 127 - 5½ Stroke Length 140 - 406
Pump No. 2 Type Emsco D-700 Liner Size 140 - 406 Stroke Length

From	To	Metres
1141.43	1146.89	5.46

BITS

No.	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G
1RR	216	537	2-18 1-14	40998										

Drilling Assembly (At End of Tour)

No.		
1RR	Bit	0.81 m
1	10	0.79 m
		m
		m
		m
		m
		m
		m
1	Stands DC	164.67 m
	Singles DC	m
47	Stands DP	m
1	Singles DP	1139.04 m
	Kelly Down	6.10 m
	Total	1332 m
	Force of String	daN

MUD

	08:00	10:00	12:00	14:00
Density kg/m³				1010
Viscosity s/L				52
Filtrate cm³				
pH				11.5
Press kPa Pump 1				6500
Press kPa Pump 2				
S.P.M. Pump 1				140
S.P.M. Pump 2				

Additives in kg

Desilter / Desander: Hours Operated; U/F Density kg/m³; O/F Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours

		Next Oil Change
1	9	
2	8	
3	9	
4		
5		
6		

Remarks GUAR GUM 40 4 BAGELS

SURVEYS: Depth m ° | Depth m °

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ?

Drill Line Record	Size mm	No. Lines	Megajoules	Total MJ	Slipped m	Cut m	Next Slip	Temp.	Weather	Roads
	32	10	1655	181894	17M	17M	7150	13°C	RAIN	FAIR

Boiler in Use? Hrs 0 | Camp in Use? Hrs 0 | BOP Drill Yes No | Driller's Signature Richard Bédard

Time Start	Time Stop	Hrs.
CIRCULATE	1600	2000	4
PULL OUT OF HOLE TO DO	2000		
A D.S.T.		2130	1½
WAIT ON TESTER	2130	2400	2½
			8

Boiler in Use? Hrs 0 | Camp in Use? Hrs 0 | BOP Drill Yes No | Driller's Signature Tom Turcott

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Pump No. 1 Type National 8-P-80 Liner Size 127 - 5½ Stroke Length 140 - 406
Pump No. 2 Type Emsco D-700 Liner Size 140 - 406 Stroke Length

From	To	Metres
1146.89	1332	185.11

BITS

No.	Size	Type	Jets	Serial No.	Force	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G
2RR	216	537	2-18 1-14	40998										

Drilling Assembly (At End of Tour)

No.		
2RR	Bit	0.81 m
2	10	2.71 m
		m
		m
		m
		m
		m
		m
2	Stands DC	164.67 m
	Singles DC	m
48	Stands DP	m
2	Singles DP	1154.04 m
	Kelly Down	5.10 m
	Total	1332 m
	Force of String	67000 daN

MUD

	16:00	18:00	20:00	22:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg

Desilter / Desander: Hours Operated; U/F Density kg/m³; O/F Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours

		Next Oil Change
1	8	46-20
2	8	46-20
3	8	46-20
4		
5		
6		

Remarks

SURVEYS: Depth m ° | Depth m °

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ?

Drill Line Record	Size mm	No. Lines	Megajoules	Total MJ	Slipped m	Cut m	Next Slip	Temp.	Weather	Roads
	32	10	2014	183253	17m	17m	7150	13°	CLEAR	FAIR

Boiler in Use? Hrs 0 | Camp in Use? Hrs 0 | BOP Drill Yes No | Driller's Signature [illegible]

Time Start	Time Stop	Hrs.

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

05014

Rig No 6 Well Name BLANCHETTE # 1 Location GASPE Report Number 35

Pump No. 1 ▶ NATIONAL B-43 Liner Size 127 Stroke Length 216
Pump No. 2 ▶ EMSCO D-700 Liner Size 140 Stroke Length 406

Date 79 Month 8 Day 8 Rig No 6

Day 1

From	To	Metres

BITS

No.	Size	Type	Jets	Serial No.	Force daN	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G
1	5C	DA	377	40778										

Drilling Assembly (At End of Tour)

Bit	5 1/8	0.81 m
1	20	9.74 m
		m
		m
		m
		m
		m
		m
Stands DC	164.69	m
Singles DC		m
Stands DP		m
Singles DP	115.04	m
Kelly Down	6.70	m
Total	133.2	m

MUD	00:00	02:00	04:00	06:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours	Next Oil Change
1 8	AUG 20
2 8	AUG 20
3 8	AUG 20
4	
5	
6	

Remarks

SURVEYS: Depth m ° Depth m °

Crown Stopper Checked ? Reset ? Kelly Cock Checked ? Rig Savers Checked ?

Drill'g Line Record	Size mm	No. Lines	Megajoules	Total MJ	Slipped m	Cut	Next Slip	Temp.	Weather	Roads
	32	10	3014	183253	17 m	17m	7150		RAIN.	FAIR

Force of String 52,000 daN

Boiler In Use? Hrs 2 Camp In Use? Hrs 0 BOP Drill Yes No Driller's Signature Timothy Allen

Start	Time Stop	Intvl
	:	•
RUN IN HOLE + BREAK CIRCULATION	24:00 : 01:30	1½
CIRCULATE	01:30 :	6½
	:	•
	:	•
	:	•
	:	•
	:	•
	:	•
	:	•
	:	•
	:	•
	:	8

INJURIES - COMPLETE BELOW

TOUR ① 00:00 - 08:00
Driller T. TURRIFF
Derrick J. CANUEL
Motor BOYD COFFIN
Floor R. TURRIFF
Floor C. LANGLAIS
Floor
Other
Other

Day 2

From	To	Metres

BITS

No.	Size	Type	Jets	Serial No.	Force daN	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G
1	5C	DA	377	40778										

Drilling Assembly (At End of Tour)

Bit	5 1/8	0.81 m
1	20	9.74 m
		m
		m
		m
		m
		m
		m
Stands DC	164.69	m
Singles DC		m
Stands DP		m
Singles DP	115.04	m
Kelly Down	6.70	m
Total	133.2	m

MUD	08:00	10:00	12:00	14:00
Density kg/m³	1020	1020	1020	
Viscosity s/L	59	55	53	
Filtrate cm³				
pH	11.5	11.5	11.5	
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours	Next Oil Change
1 8	AUG 20
2 8	AUG 20
3 8	AUG 20
4	
5	
6	

Remarks

SURVEYS: Depth m ° Depth m °

Crown Stopper Checked ? OK Reset ? OK Kelly Cock Checked ? Rig Savers Checked ?

Drill'g Line Record	Size mm	No. Lines	Megajoules	Total MJ	Slipped m	Cut	Next Slip	Temp.	Weather	Roads
	32	10	3014	183253	17M	17M	7150	18°C	RAIN	FAIR

Force of String 62,000 daN

Boiler In Use? Hrs 8 Camp In Use? Hrs 0 BOP Drill Yes No Driller's Signature Roland Bédard

Start	Time Stop	Intvl
circulate	8:00 : 14:30	6½
pull out HOLE	14:30 : 16:00	1½
	:	•
	:	•
	:	•
	:	•
	:	•
	:	•
	:	•
	:	•
	:	•
	:	8

INJURIES - COMPLETE BELOW

TOUR ② 08:00 - 16:00
Driller R. BEDARD
Derrick R. LAROCHELLE
Motor S. SEAN
Floor
Floor W. LAULE
Lease R. TREMBLAY
Mechanic C. BLAIS
Other
INJURIES - COMPLETE BELOW
TOUR ③ 16:00 - 24:00
Driller T. ASTRE
Derrick J. M. MORIN
Motor J. PATTERSON
Floor J. MORESSETTE
Floor P. DESJARDINS
Floor
Other
Other
INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW DURING THIS TOUR AND HAVE REPORTED ALL INJURIES AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACCIDENT REPORT PART 1.

Position	Tour	Signature

Toolpusher's Approval

SAFETY TALKS
Given By: Subject

Given By: Subject

Day 3

From	To	Metres

BITS

No.	Size	Type	Jets	Serial No.	Force daN	RPM	Metres	Hrs.	Ream	Hrs.	Torque	T	B	G

Drilling Assembly (At End of Tour)

Bit		m
1 Bit Sub	0.81	m
1 JARS	9.40	m
1 Tool	8.85	m
		m
		m
		m
		m
		m
Stands DC	164.69	m
Singles DC		m
Stands DP	770.27	m
Singles DP		m
Kelly Down		m
Total		m

MUD	16:00	18:00	20:00	22:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours	Next Oil Change
1 5	AUG 20
2 6	AUG 20
3 8	AUG 20
4	
5	
6	

Remarks

SURVEYS: Depth m ° Depth m °

Crown Stopper Checked ? Reset ? Kelly Cock Checked ? Rig Savers Checked ?

Drill'g Line Record	Size mm	No. Lines	Megajoules	Total MJ	Slipped m	Cut	Next Slip	Temp.	Weather	Roads
	32	10	4273	134612	17	17	7150	13°	CLOUD	FAIR

Force of String daN

Boiler In Use? Hrs 0 Camp In Use? Hrs 0 BOP Drill Yes No Driller's Signature Timothy Allen

Start	Time Stop	Intvl
	:	•
PULL OUT TO RUN D.S.T.	16:00 : 17:00	1
PICK UP PACKER + JARS	17:00 :	•
RUN IN HOLE	: 21:00	4
SET PACKER + TEST #1	21:00 :	3
	:	•
	:	•
	:	•
	:	•
	:	•
	:	•
	:	•
	:	8

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW DURING THIS TOUR AND HAVE REPORTED ALL INJURIES AS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ACCIDENT REPORT PART 1.

Position	Tour	Signature

Toolpusher's Approval

SAFETY TALKS
Given By: Subject

Given By: Subject

BOPS	Tested Minutes	Tested Pressure kPa	Checked Open & Close
Hydril			
Pipe Rams			
Blind Rams			

CASING: Ran 92 JTS 91 CSG; To 2412 K.B.Used SX; Cem Plus; Plug Down @ hrs; m³ Returns

Fuel @ 00:00
Fuel Rec'd Today
Total
Fuel @ 23:59
Fuel Used

Equipment Transfers (Including Rental)
To / From Trans #

Approved by Operator's Representative

Approved by Toolpush

CONSERVATION BOARD COPY NOTE: PLEASE SHOW METRES MADE DURING CONTROLLED DRILLING AS WELL AS HOURS

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

05015

Rig No. 6 Well Name Blanchette #1

Pump No. 1 Type National 8-P-50 Liner Size 127-216 Stroke Length
Pump No. 2 Type Emsco D-700 Liner Size 140-406 Stroke Length
Location

Date Year 79 Month 8 Day 9 Rig No. 6

I ACKNOWLEDGE HAVING WORKED THESE HOURS DURING THIS TIME I RECEIVED NO INJURY

(EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT) IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

TOUR 1 (00:00 - 08:00)

	Hrs.
Driller T. Turriff	X
Derrick J. Canuel	X
Motor Boyd Caffin	X
Floor Kim Turriff	X
Floor C. Langlais	X
Floor	
Other	
Other	

INJURIES - COMPLETE BELOW

TOUR 2 (08:00 - 16:00)

	Hrs.
Driller R Bédard	8
Derrick R L'ROCHELLE	8
Motor G JEAN	8
Floor A COFFIN	8
Floor P LAOZ	8
Lease R TR-RAOUL	8
Mechanic C. [illegible]	8
Other	
INJURIES - COMPLETE BELOW	

TOUR 3 (16:00 - 00:00)

	Hrs.
Driller T. MORIN	8
Derrick J. M. MORIN	8
Motor DOUG PATTERSON	8
Floor J MORISSETTE	8
Floor P. DESJARDINS	8
Floor	
Other	
Other	
INJURIES - COMPLETE BELOW	

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW DURING THIS TOUR. I RECEIVED INJURIES AS REPORTED ON THE COMPANY ACCIDENT REPORT.

Position	Tour	Signature	Hrs.

Toolpusher's Approval

SAFETY TALKS

Given By:
Subject

Given By:
Subject

Drilling Assembly (At End of Tour)

No.			
	Bit		m
1	311 Hyb	0.41	m
1	3 Stabs	9.40	m
1	1 Tool	4.83	m
			m
			m
			m
	Stands DC	164.67	m
	Singles DC		m
	Stands DP	1801.77	m
	Singles DP		m
	Kelly Down		m
	Total		m
	Force of String		daN

BITS

No	Size mm	Type	Jets mm	Serial No.	Force daN	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G
1	311	HYB	3-13	184612			1801.77	164.67						

MUD

	00:00	02:00	04:00	06:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg

Desilter / Desander

Hours Operated
U.F. Density kg/m³
O.F. Density kg/m³
Flow Rate L/min
Pressure kPa

Motor Hours

		Next Oil Change
1	8	Aug 20
2	8	Aug 20
3	8	Aug 20
4		
5		
6		

Remarks

SURVEYS

Depth m ° Depth m °

Crown Stopper Checked ? ✓ Reset ? ✓ Kelly Cock Checked ? Rig Savers Checked ?

Drill'g Line Record	Size mm	No. Lines	Megajoules	Total MJ	Slipped m	Cut m	Next Slip	Temp.	Weather	Roads
	32	10	4573	184612	17	17	7150	13°C	Cloudy	Fair

Drilling Assembly (At End of Tour)

No.			
			m
			m
			m
			m
			m
			m
			m
			m
2	Stands DC	165.26	m
	Singles DC		m
	Stands DP		m
	Singles DP		m
	Kelly Down		m
	Total		m
	Force of String		daN

BITS

No	Size mm	Type	Jets mm	Serial No.	Force daN	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G
1	311	HYB	3-13	184612			1801.77	164.67						

MUD

	08:00	10:00	12:00	14:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg

Desilter / Desander

Hours Operated
U.F. Density kg/m³
O.F. Density kg/m³
Flow Rate L/min
Pressure kPa

Motor Hours

		Next Oil Change
1	8	Aug 20
2	8	Aug 20
3	8	Aug 20
4		
5		
6		

Remarks

SURVEYS

Depth m ° Depth m °

Crown Stopper Checked ? Reset ? Kelly Cock Checked ? Rig Savers Checked ?

Drill'g Line Record	Size mm	No. Lines	Megajoules	Total MJ	Slipped m	Cut m	Next Slip	Temp.	Weather	Roads
	32	10	4373	184612	17	17	7150	13°C	Cloudy	Fair

Drilling Assembly (At End of Tour)

No.			
	Bit		m
			m
			m
			m
			m
			m
			m
			m
	Stands DC		m
	Singles DC		m
4	Stands DP		m
	Singles DP		m
	Kelly Down		m
	Total		m
	Force of String		daN

BITS

No	Size mm	Type	Jets mm	Serial No.	Force daN	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G

MUD

	16.00	18.00	20.00	22:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg

Desilter / Desander

Hours Operated
U.F. Density kg/m³
O.F. Density kg/m³
Flow Rate L/min
Pressure kPa

Motor Hours

		Next Oil Change
1		
2		
3		
4		
5		
6		

Remarks PLUG # 1 - 44 SAX (CLASS (G) + 3.5 SLOS
PLUG # 2 - 44 SAX CLASS (G)
PLUG # 3 - 44 PORTLAND CEMENT.

SURVEYS

Depth m ° Depth m °

Crown Stopper Checked ? Reset ? Kelly Cock Checked ? Rig Savers Checked ?

Drill'g Line Record	Size mm	No. Lines	Megajoules	Total MJ	Slipped m	Cut m	Next Slip	Temp.	Weather	Roads

BOPS	Tested Minutes	Tested Pressure kPa	Checked Open & Close
Hydril			
Pipe Rams			
Blind Rams			

CASING: Ran JTS OSG | To K.B. Used Sx | Cem Plus % | Plug Down @ hrs | m³ Returns

Fuel @ 00:00 | Fuel Rec'd Today | Total | Fuel @ 23:59 | Fuel Used

Equipment Transfers (Including Rental): To / From | Trans #

Approved by Operator's Representative

Approved by Toolpush

Report Number 36	Start	Stop	Intvl
D.S.T. Test No. 1	7:00	8:00	1
Deflat Packer & Pull out	8:00	8:30	½
Rig Service	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	8
	:	:	.

Boiler In Use? Hrs 0 | Camp In Use? Hrs 0 | BOP Drill Yes No | Driller's Signature Tony Turriff

pull out TEST No 1	8:00	9:45	1.75
Tear out Lines + tools	9:45	10:30	.75
Run COLLARS Jay Dunn called	10:30	12:15	1.75
Run in DRILL PIPE	12:15	12:75	.75
circulate + W.O.O.	12:75	16:00	3.25
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	8
	:	:	.

Boiler In Use? Hrs 0 | Camp In Use? Hrs 0 | BOP Drill Yes No | Driller's Signature Raymond Bédard

	:	:	.
RUN IN 10 STANDS DRILL PIPE	16:00	:	.
	:	16:30	½
CIRCULATE + [illegible]	16:30	17:30	1
RIG UP TO CEMENT	17:30	18:30	1
RUN PLUG #1	18:00	18:15	¼
PULL OUT TO 542 m (16 STDS)	18:15	18:45	½
RUN PLUG #2	18:45	19:00	¼
PULL OUT TO 304 m (8 STDS 1S)	19:00	19:30	½
RUN PLUG #3	19:30	20:10	½
PULL OUT AND TEAR OUT	20:00	:	.
HALLIBURTON	:	20:30	½
LAY DOWN PIPE	:	:	.

Boiler In Use? Hrs | Camp In Use? Hrs | BOP Drill Yes No | Driller's Signature

CONSERVATION BOARD COPY NOTE: PLEASE SHOW METRES MADE DURING CONTROLLED DRILLING AS WELL AS HOURS

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

Rig No 6 Well Name Blanchette # 1

05C17

Pump No. 1 ▶ Type Liner Size mm Stroke Length mm | Pump No. 2 ▶ Type Liner Size mm Stroke Length mm | Location

Date Year 74 Month 8 Day 10 | Rig No. 6

From	To	Metres

BITS

No	Size mm	Type	Jets mm	Serial No	Force kN	RPM	Metres	Hrs	Ream mm	Hrs	Torque	T	B	G

No.	Drilling Assembly (At End of Tour)	
	Bit	m
		m
		m
		m
		m
		m
		m
		m
	Stands DC	m
	Singles DC	m
	Stands DP	m
	Singles DP	m
	Kelly Down	m
	Total	m

MUD	00.00	02.00	04.00	06.00	Additives in kg
Density kg/m³					
Viscosity s/L					
Filtrate cm³					
pH					
Press kPa Pump 1					
Press kPa Pump 2					
S.P.M. Pump 1					
S.P.M. Pump 2					

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours: 1 2 3 4 5 6 — Next Oil Change

Remarks

SURVEYS: Depth m ° | Depth m ° — Crown Stopper Checked ? — Reset ? — Kelly Cock Checked ? — Rig Savers Checked ?

Drill'g Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped m | Cut | Next Slip | Temp. | Weather | Roads

Force of String daN

From	To	Metres

BITS

No	Size mm	Type	Jets mm	Serial No	Force kN	RPM	Metres	Hrs	Ream mm	Hrs	Torque	T	B	G

No.	Drilling Assembly (At End of Tour)	
		m
		m
		m
		m
		m
		m
		m
		m
	Stands DC	m
	Singles DC	m
	Stands DP	m
	Singles DP	m
	Kelly Down	m
	Total	m

MUD	08.00	10:00	12:00	14:00	Additives in kg
Density kg/m³					
Viscosity s/L					
Filtrate cm³					
pH					
Press kPa Pump 1					
Press kPa Pump 2					
S.P.M. Pump 1					
S.P.M. Pump 2					

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours: 1 2 3 4 5 6 — Next Oil Change

Remarks

SURVEYS: Depth m ° | Depth m ° — Crown Stopper Checked ? — Reset ? — Kelly Cock Checked ? — Rig Savers Checked ?

Drill'g Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped m | Cut | Next Slip | Temp. | Weather | Roads

Force of String daN

From	To	Metres

BITS

No	Size mm	Type	Jets mm	Serial No	Force kN	RPM	Metres	Hrs	Ream mm	Hrs	Torque	T	B	G

No	Drilling Assembly (At End of Tour)	
	Bit	m
		m
		m
		m
		m
		m
		m
		m
	Stands DC	m
	Singles DC	m
	Stands DP	m
	Singles DP	m
	Kelly Down	m
	Total	m

MUD	16:00	18:00	20:00	22:00	Additives in kg
Density kg/m³					
Viscosity s/L					
Filtrate cm³					
pH					
Press kPa Pump 1					
Press kPa Pump 2					
S.P.M. Pump 1					
S.P.M. Pump 2					

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours: 1 2 3 4 5 6 — Next Oil Change

Remarks

SURVEYS: Depth m ° | Depth m ° — Crown Stopper Checked ? — Reset ? — Kelly Cock Checked ? — Rig Savers Checked ?

Drill'g Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped m | Cut | Next Slip | Temp. | Weather | Roads

Force of String daN

BOPS	Tested: Minutes	Tested: Pressure kPa	Checked: Open & Close
Hydril			
Pipe Rams			
Blind Rams			

CASING: Run JTS CSG | To K.B Used Sx | Csg Plus % | Plug Down @ hrs | m³ Returns

Fuel @ 00.00 | Fuel Rec'd Today | Total | Fuel @ 23.59 | Fuel Used

Equipment Transfers (Including Rental): To / From | Trans #

Approved by Operator's Representative: Jim Tessier

Approved by Toolpush: Gerard Quinnett

Report Number 37	Start	Time Stop	Intvl
LAY DOWN PIPE, LEAVING	0:00	03:00	3
11 STANDS IN DRK,	:	:	.
RUN IN 4 STANDS & CIRC.	03:00	04:00	1
RUN IN TO 285 M.	04:00	07:00	3
TAG PLUG & LAY DOWN	:	:	.
PIPE	:	:	.
BREAK KELLY & KELLY	07:00	08:00	1
COCK	:	:	.
Pump & Clean Mud Tanks	:	:	.
	:	:	.
	:	:	.
	:	:	8
	:	:	.

Boiler in Use? Hrs | Camp in Use? Hrs | BOP Drill Yes No | Driller's Signature Roland Bedard

Clean MUD TANK	8:00	:	.
change liner in the pump Tear out Rig parts	:	:	.
	:	:	.
DRAIN CELLAR CUT CASSING	:	:	.
PUT 44 SAX OFF CEMENT	:	:	.
INSIDE CASSING	:	:	.
WELD ON PLATE	:	16:00	8
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.

Boiler in Use? Hrs | Camp in Use? Hrs | BOP Drill Yes No | Driller's Signature

WELDON PLATE	16:00	17:00	1
Rig Released at 1800 hrs August 10th/74	:	:	.
DRAIN PUMP D-700 / TEAR OUT	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.

I ACKNOWLEDGE HAVING WORKED THESE HOURS DURING THIS TIME. I RECEIVED NO INJURY.

(EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT IF INJUPY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

TOUR (1) 00.00 - 08.00 — Hrs.

		Hrs.
Driller	T. Turriff	8
Derrick	J. Canuel	8
Motor	Boyd Coffin	8
Floor	Kim Turriff	8
Floor	C. Langlois	8
Floor		
Other		
Other		

INJURIES - COMPLETE BELOW

TOUR (2) 08:00 - 16:00

		Hrs.
Driller	R. BEDARD	9
Derrick	R. LAROCHELLE	9
Motor	G. JEAN	9
Floor	A. COFFIN	9
Floor	N. LAUZÉ	9
Lease	R. TREPANIER	9
Mechanic	C. B[illegible]	9
Other		

INJURIES - COMPLETE BELOW

TOUR (3) 16:00 -

		Hrs.
Driller	T. ASHLEY	8
Derrick	J. M. MORIN	8
Motor	D. PATTERSON	8
Floor	J. MORRISETTE	8
Floor	P. DESJARDINS	8
Floor		
Other		
Other		

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW DURING THE TIME INDICATED. NO INJURIES HAS BEEN REPORTED TO ME. (EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT)

Position	Tour #	Signature	Hrs.

Toolpusher's Approval

SAFETY TALKS

Given By: | Subject

Given By: | Subject

CONSERVATION BOARD COPY NOTE: PLEASE SHOW METRES MADE DURING CONTROLLED DRILLING AS WELL AS HOURS

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA T5L-2L1

05018

Rig No. 6 Well Name Blanchette #1

Report Number 38

Date 19 Year 8 Month 11 Day

Rig No. 6

Pump No. 1 ▶ Type Liner Size Stroke Length

Pump No. 2 ▶ Type Liner Size Stroke Length

Location

From	To	Metres

No.	Drilling Assembly (At End of Tour)	m
	Bit	
	Stands DC	
	Singles DC	
	Stands DP	
	Singles DP	
	Kelly Down	
	Total	

Force of String daN

BITS: No. | Size mm | Type | Jets mm | Serial No. | Force daN | RPM | Metres | Hrs. | Ream | Hrs. | Torque | T | B | G

MUD	00:00	02:00	04:00	06:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M Pump 1				
S.P.M Pump 2				

Additives in kg

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours: 1 2 3 4 5 6 — Next Oil Change

Remarks

SURVEYS: Depth m ° | Depth m °

Crown Stopper Checked ? | Reset ? | Kelly Cock Checked ? | Rig Savers Checked ?

Drill'g Line Record: Size mm | No. Lines | Megajoules | Total MJ | Slipped m | Cut | Next Slip | Temp. | Weather | Roads

TEAR OUT

Boiler In Use? Hrs | Camp In Use? Hrs | BOP Drill Yes No | Driller's Signature

LAY DERRICK DOWN
LAY DOWN MUD HOUSE

TEAR OUT
MOVE WITH SQUIP TRUCK TO NEW LOCATION

Time: Start | Stop | Intvl

I ACKNOWLEDGE HAVING WORKED THESE HOURS DURING THIS TIME AND RECEIVED NO INJURY

(EMPLOYEE IS REQUIRED TO SIGN PERSONALLY AT THE COMPLETION OF EACH SHIFT) IF INJURY WAS RECEIVED SIGN AT BOTTOM OF SHEET ONLY.

		Hrs
TOUR ① 00:00 - 08:00		
Driller		
Derrick	J. CANUEL	10
Motor	BOYD COFFIN	13
Floor	K. TUPPIFF	10
Floor	C. LANGLAIS	13
Floor		
Other		
Other		

INJURIES - COMPLETE BELOW

		Hrs
TOUR ② 08:00 - 16:00		
Driller	R. BEDARD	10
Derrick	R. LAROCHELLE	10
Motor	G. JEAN	10
Floor	A. COFFIN,	10
Floor	N. LAUZE	10
Lease	R. TREPANIER	10
Mechanic	C. BLANCHETTE	9
Other		

INJURIES - COMPLETE

		Hrs
TOUR ③ 16:00 - 00:00		
Driller	T. HALE	8
Derrick	J. M. MORIN	8
Motor	Dave PATTERSON	8
Floor	J. MORRISETTE	8
Floor	P. DESJARDINS	8
Floor		
Other		
Other		

INJURIES - COMPLETE BELOW

ACKNOWLEDGE HAVING WORKED THESE HOURS DURING THIS TIME AND RECEIVED NO INJURY EXCEPT AS REPORTED ON THE COMPANY ACCIDENT REPORT PART B

Position	Tour	Signature	Hrs.

Toolpusher's Approval

SAFETY TALKS

Given By: Subject

Given By: Subject

BOPS	Tested Minutes	Tested Pressure kPa	Checked Open & Close
Hydril			
Pipe Rams			
Blind Rams			

CASING: Ran JTS CSG | To KB Used SK | Cem Plus | Plug Down @ hrs | m³ Returns

Fuel @ 00:00 | Fuel Rec'd Today | Total | Fuel @ 23:59 | Fuel Used

Equipment Transfers (Including Rental): To / From Trans #

Approved by Operator's Representative

Approved by Toolpush

CONSERVATION BOARD COPY NOTE: PLEASE SHOW METRES MADE DURING CONTROLLED DRILLING AS WELL AS HOURS

CONTRACTOR

REGENT DRILLING LIMITED

12912 - 125 AVENUE
EDMONTON, ALBERTA 455-2121

Rig No 6 Well Name Blanchette #1

05019

Pump No. 1 ▶ Type Liner Size mm Stroke Length mm | Pump No. 2 ▶ Type Liner Size mm Stroke Length mm | Location

Date: 79 Year 8 Month 12 Day | Rig No. 6

From	To	Metres

BITS

No	Size mm	Type	Jets mm	Serial No	Force daN	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G

No.	Drilling Assembly (At End of Tour)	
	Bit	m
		m
		m
		m
		m
		m
		m
		m
	Stands DC	m
	Singles DC	m
	Stands DP	m
	Singles DP	m
	Kelly Down	m
	Total	m

MUD	00:00	02:00	04:00	06:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours: 1 2 3 4 5 6

Next Oil Change

Remarks

SURVEYS: Depth m ° Depth m °

Crown Stopper Checked ? Reset ? Kelly Cock Checked ? Rig Savers Checked ?

Drill'g Line Record: Size mm No. Lines Megajoules Total MJ Slipped m Cut Next Slip Temp. Weather Roads

Force of String daN

From	To	Metres

BITS

No	Size mm	Type	Jets mm	Serial No.	Force daN	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G

No.	Drilling Assembly (At End of Tour)	
	Bit	m
		m
		m
		m
		m
		m
		m
		m
	Stands DC	m
	Singles DC	m
	Stands DP	m
	Singles DP	m
	Kelly Down	m
	Total	m

MUD	08:00	10:00	12:00	14:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours: 1 2 3 4 5 6

Next Oil Change

Remarks

SURVEYS: Depth m ° Depth m °

Crown Stopper Checked ? Reset ? Kelly Cock Checked ? Rig Savers Checked ?

Drill'g Line Record: Size mm No. Lines Megajoules Total MJ Slipped m Cut Next Slip Temp. Weather Roads

Force of String daN

From	To	Metres

BITS

No	Size mm	Type	Jets mm	Serial No.	Force daN	RPM	Metres	Hrs	Ream	Hrs	Torque	T	B	G

No.	Drilling Assembly (At End of Tour)	
	Bit	m
		m
		m
		m
		m
		m
		m
		m
	Stands DC	m
	Singles DC	m
	Stands DP	m
	Singles DP	m
	Kelly Down	m
	Total	m

MUD	16:00	18:00	20:00	22:00
Density kg/m³				
Viscosity s/L				
Filtrate cm³				
pH				
Press kPa Pump 1				
Press kPa Pump 2				
S.P.M. Pump 1				
S.P.M. Pump 2				

Additives in kg

Desilter / Desander: Hours Operated; U.F. Density kg/m³; O.F. Density kg/m³; Flow Rate L/min; Pressure kPa

Motor Hours: 1 2 3 4 5 6

Next Oil Change

Remarks

SURVEYS: Depth m ° Depth m °

Crown Stopper Checked ? Reset ? Kelly Cock Checked ? Rig Savers Checked ?

Drill'g Line Record: Size mm No. Lines Megajoules Total MJ Slipped m Cut Next Slip Temp. Weather Roads

Force of String daN

BOPS	Tested: Minutes	Tested: Pressure kPa	Checked: Op. & Close
Hydril			
Pipe Rams			
Blind Rams			

CASING: Ran JTS CSG | To K.B. Used | Cem Plus | Plug Down @ hrs | m³ Returns

Fuel @ 00:00 | Fuel Rec'd Today | Total | Fuel @ 23:59 | Fuel Used

Equipment Transfers (Including Rental): To / From Trans #

Approved by Operator's Representative: Viviane Fay

Approved by Toolpusher: Brad Quinet

Report Number	Start	Time Stop	Intvl
TEAR OUT & MOVE WITH SQUIP TRUCK TO DOUGLAS #1	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
TEAR OUT & move with Squip truck)	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
Tear out & move with Squip truck	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
	:	:	.
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