

GM 30338

RAPPORT DE FIN DE FORAGE AVEC DIAGRAPHIES POUR LE Puits SOQUIP LAC NOIR NO 1 NEIGETTE
(ANCIEN Puits C091)

Documents complémentaires

Additional Files



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Licence

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Énergie et Ressources
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Québec 

141 pages

RAPPORT DE FIN DE FORAGE

SOQUIP LAC NOIR # 1 NEIGETTE

RAPPORT: 5930

BG/1m1

OCTOBRE 1974

GARDER CONFIDENTIEL

Ministère des Richesses Naturelles, Québec
SERVICE DE LA
DOCUMENTATION TECHNIQUE

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TABLE DES MATIERES

I RESUME

II LOCALITE ET INFORMATIONS GENERALES

III GEOLOGIE

- 1) Formation de St-Léon
- 2) Description générale des retailles
- 3) Carotte
- 4) Liste des diagraphies prises à la profondeur totale du puits

IV DONNEES DE FORAGE

- 1) Rapports journaliers de forage
- 2) Rapports géologiques journaliers
- 3) Rapport de déviation
- 4) Rapports d'équipement
- 5) Rapports de coffrage et de cimentation
- 6) Rapport d'abandon

V ANNEXES

- A) Description détaillée des retailles
- B) Description détaillée de la carotte
- C) Diagraphies du puits
- D) Grapholog de Core Laboratories, Inc.

I RESUME

Le forage du puits Soquip Lac Noir # 1 Neigette a débuté le 26 août 1974 et s'est terminé le 2 octobre 1974.

Regent Drilling Ltd. utilisant la foreuse rotative # 22 a foré ce puits pour Soquip sur le permis 394 de la région de Rimouski.

Le puits a traversé quelques pieds de matériel glaciaire et s'est poursuivi jusqu'à la fin dans les siltstones de la formation Saint-Léon d'âge silurien.

Après enregistrement des diagraphies, le puits a été cimenté et abandonné.

II

LOCALITE ET INFORMATIONS GENERALES

Coordonnées géographiques:

latitude 48° 21' 05"

longitude 68° 18' 50"

Coordonnées UTM:

550,900 m E

5,355,330 m N

Elévation:

niveau du sol: 1,095 pieds

K.B. : 1,108 pieds

Implanté: 26 août 1974

Terminé : 2 octobre 1974

Compagnie de forage: Regent Drilling Ltd.

III

GEOLOGIE

1) Formation de Saint-Léon

	<u>K.B.</u>	<u>Sous le niveau</u> <u>de la mer</u>	<u>Epaisseur</u>
Formation de Saint-Léon	80'	---	---
Profondeur totale (T.D.)	5217'	---	---

2) Description générale des retailles

0 à 80'	Pas d'échantillon (forage à l'air).
80' à 1670'	Siltstone argileux légèrement calcaireux à calcaireux gris intermédiaire à gris clair et shales gris foncé à noirs; un peu de grès quartzitique légèrement calcaireux gris clair.
1670' à 1990'	Siltstone argileux légèrement calcaireux à calcaireux gris intermédiaire à gris clair et siltstone argileux rouge brique légèrement calcaireux.
1990' à 2660'	Siltstone argileux légèrement calcaireux à calcaireux gris intermédiaire à gris clair et calcaire silteux-argileux blanc à blanc jaunâtre.
2660' à 2800'	Siltstone argileux légèrement calcaireux à calcaireux gris intermédiaire à gris clair et siltstone gris foncé à gris très foncé légèrement calcaireux.

2800' à 2990'

Siltstone argileux légèrement calcaireux à calcaireux gris intermédiaire à gris clair et un peu de shale gris foncé.

2990' à 3390'

Calcaire silteux à siltstone très calcaireux dolomitique gris intermédiaire à gris brunâtre, et calcaire silteux à siltstone très calcaireux gris très clair blanc.

3390' à 3600'

Siltstone argileux légèrement calcaireux à calcaireux gris intermédiaire à gris clair, et un peu de calcaire silteux à siltstone très calcaireux gris très clair à blanc.

3600' à 3700'

Siltstone quartzitique blanc à gris clair verdâtre légèrement calcaireux et siltstone argileux légèrement calcaireux à calcaireux gris intermédiaire à gris clair; un peu de calcaire silteux à siltstone très calcaireux gris très clair à blanc.

3700' à 3830'

Siltstone argileux légèrement calcaireux à calcaireux gris intermédiaire à gris clair et siltstone gris brunâtre.

3830' à 4130'

Siltstone argileux légèrement calcaireux à calcaireux gris intermédiaire à gris clair.

4130' à 4200'

Siltstone gris foncé à gris très foncé légèrement calcaireux et siltstone argileux légèrement calcaireux à calcaireux gris intermédiaire à gris clair.

4200' à 5217'

Siltstone argileux légèrement calcaireux à calcaireux gris intermédiaire à gris clair et cal-

caire silteux à siltstone très calcaireux gris très clair à blanc; un peu de siltstone quartzitique blanc ainsi que du siltstone gris foncé à très foncé, légèrement calcaireux.

3) Carotte

Une carotte de 58' 4" fut prise pendant le forage dans l'intervalle 4130 pieds à 4188 pieds.

4) Liste des diagraphies prises à la profondeur totale du puits.

Diagraphie

Intervalle

Borehole Compensated Sonic Log

802' - 5204'

Dual Induction Laterolog

829' - 5204'

IV

DONNEES DE FORAGE

1) Rapports journaliers de forage

SOQUIP

RAPPORT JOURNALIER DE FORAGE DAILY DRILLING REPORT

NOM DU Puits:

WELL NAME: SOQUIP LAC NOIR # 1, NEIGETTE

JOUR DE FORAGE:

DATE: 2 octobre 1974 DAYS FROM SPUD: 37

PROFONDEUR:

DEPTH: 5219 pi. ft.

PROGRES:

PROGRESS: non pi. ft.

ACTIVITE:

ACTIVITY: Operations running plugs.

Relevés:	pi.	=	°;	pi.	=	°;	pi.	=	°;
Surveys:	ft.	=	°;	ft.	=	°;	ft.	=	°;
	pi.	=	°;	pi.	=	°;	pi.	=	°;
	ft.	=	°;	ft.	=	°;	ft.	=	°;

PROPRIETES DE LA BOUE:

MUD PROPERTIES:

Pesanteur	Water	Lb./Gal.
Weight		PPG
Viscosité		
Viscosity		Sec's/qt.
Perte d'eau		
Water Loss		c.c./30 min.
Cake de Filtration		po.
Filter Cake		in.
ph		
Autre		
Other		
Additifs		
Additives		

TREPANS:

BITS:

No.	8		
Grandeur			
Size	8 3/4		
Type	H100		
Intérieur			
In	4780		
Extérieur			
Out	5219		
Avanc. forage			
Ftg.	439		
Hrs			
Hrs.	55 3/4		
Hrs Cum.			
Cum. Hrs.	437 3/4		
Cond.	not available		
Pes. x RPM	25000		
Wt. x RPM	X60		
Pression			
Pressure	1000		

Remarques: 10 hrs. - logging
 Remarks: 4 3/4 hrs. - tripping
 1 1/4 hrs. - running plugs
 8 hrs. - Lay down pipe collars

Plugs was done at 8:30 AM

SOQUIP

RAPPORT JOURNALIER DE FORAGE DAILY DRILLING REPORT

NOM DU Puits:

WELL NAME: SOQUIP LAC NOIR # 1, NEIGETTE

JOUR DE FORAGE:

DATE: 1er oct. 1974 DAYS FROM SPUD: 36

PROFONDEUR:

DEPTH: 5219 pi. ft.

PROGRES:

PROGRESS: 146 pi. ft.

ACTIVITE:

ACTIVITY: Pulling out to log

Relevés:	pi.		pi.		pi.
Surveys:	5119....ft. = 18....°;	5210....ft. = 18.3/4°;	ft. =	ft. =	ft. =
	5148....ft. = 18.3/4°;	ft. =	ft. =	ft. =	ft. =

PROPRIETES DE LA BOUE:

MUD PROPERTIES:

Water

Pesanteur	Lb./Gal.
Weight	PPG
Viscosité	
Viscosity	Sec's/qt.
Perte d'eau	
Water Loss	c.c./30 min.
Cake de Filtration	po.
Filter Cake	in.
ph	
Autre	
Other	
Additifs	
Additives	

TREPANS:

BITS:

No.	8		
Grandeur			
Size	8 3/4		
Type	H100		
Intérieur			
In	running		
Extérieur			
Out			
Avanc. forage			
Ftg.			
Hrs			
Hrs.			
Hrs Cum.			
Cum. Hrs.			
Cond.			
Pes. x RPM	25000		
Wt. x RPM	X 50		
Pression			
Pressure	1000		

Remarques:

Remarks:

21 1/2 hrs. - drilling
1/4 hrs. - tripping
1 1/2 hrs. - surveys
1/2 hrs. - rig service
1/4 hrs. - change pumps

SOQUIP

RAPPORT JOURNALIER DE FORAGE DAILY DRILLING REPORT

NOM DU Puits:

WELL NAME: SOQUIP LAC NOIR # 1, NEIGETTE

JOUR DE FORAGE:

DATE: 30 sept. 1974 DAYS FROM SPUD: 35

PROFONDEUR:

DEPTH: 5073 pi. ft.

PROGRES:

PROGRESS: 200 pi. ft.

ACTIVITE:

ACTIVITY: Drilling

Relevés:	pi.		pi.		pi.
Surveys:	ft.	= 15....°;	ft.	= 15.1/2°;	ft.
	pi.		pi.		pi.
	ft.	= 15.1/8°;	ft.	= 17....°;	ft.

PROPRIETES DE LA BOUE:

MUD PROPERTIES:

Pesanteur	Water	Lb./Gal.
Weight		PPG
Viscosité		
Viscosity		Sec's/qt.
Perte d'eau		
Water Loss		c.c./30 min.
Cake de Filtration		po.
Filter Cake		in.
pH		
Autre		
Other		
Additifs		
Additives		

TREPANS:

BITS:

No.	RR8		
Grandeur			
Size	8 3/4		
Type	H 100		
Intérieur			
In			
Extérieur			
Out			
Avanc. forage			
Ftg.			
Hrs			
Hrs.			
Hrs Cum.			
Cum. Hrs.			
Cond.			
Pes. x RPM	25000		
Wt. x RPM	X55		
Pression			
Pressure	1000		

Remarques:

Remarks:

22 hrs. - Drilling
2 hrs. - Surveys

SOQUIP

RAPPORT JOURNALIER DE FORAGE DAILY DRILLING REPORT

NOM DU Puits:

WELL NAME: SOQUIP LAC NOIR # 1, NEIGETTE

JOUR DE FORAGE:

DATE: 29 sept. 1974 DAYS FROM SPUD: 34

PROFONDEUR:

DEPTH: 4873 pi. ft.

PROGRES:

PROGRESS: 111 pi. ft.

ACTIVITE:

ACTIVITY: Drilling

Relevés:	pi.		pi.		pi.	
Surveys:	4776....ft.	= 15.1/6°;	ft.	=°;	ft.	=°;
	4810....ft.	= 15.....°;	ft.	=°;	ft.	=°;

PROPRIETES DE LA BOUE:

MUD PROPERTIES:

Pesanteur	Water	Lb./Gal.
Weight		PPG
Viscosité		
Viscosity		Sec's/qt.
Perte d'eau		
Water Loss		c.c./30 min.
Cake de Filtration		po.
Filter Cake		in.
pH		
Autre		
Other		
Additifs		
Additives		

TREPANS:

BITS:

No.	9	RR 8	
Grandeur			
Size	8 3/4	8 3/4	
Type	J88	H 100	
Intérieur			
In	4625	4780	
Extérieur			
Out	4780	running	
Avanc. forage			
Ftg.	155		
Hrs			
Hrs.	23 1/2		
Hrs Cum.			
Cum. Hrs.			
Cond.	111		
Pes. x RPM	25000	30000	
Wt. x RPM	X60	X55	
Pression			
Pressure	1000	1000	

Remarques:

Remarks:

15 1/2 hrs.	- drilling
4 hrs.	- tripping
1/2 hrs.	- Circulate sample
3/4 hrs.	- Reaming
1 hrs.	- Surveys
2 1/4 hrs.	- Repairs

SOQUIP

RAPPORT JOURNALIER DE FORAGE DAILY DRILLING REPORT

NOM DU Puits: SOQUIP LAC NOIR # 1, NEIGETTE DATE: 28 sept. 1974 JOUR DE FORAGE: 33
WELL NAME: DATE: DAYS FROM SPUD: 33

PROFONDEUR: 4762 pi. PROGRES: 113 pi.
DEPTH: ft. PROGRESS: ft.

ACTIVITE: Drilling
ACTIVITY:

Relevés: 4650 pi. = 14°; 4716 pi. = 15°; pi. =°;
Surveys: ft. = 14°; ft. = 15°; ft. =°;
4680 pi. = 15°; 4750 pi. = 15°; pi. =°;
ft. = 15°; ft. = 15°; ft. =°;

PROPRIETES DE LA BOUE: MUD PROPERTIES:

Pesanteur Water Lb./Gal.
Weight PPG
Viscosité
Viscosity Sec's/qt.
Perte d'eau
Water Loss c.c./30 min.
Cake de Filtration po.
Filter Cake in.
pH
Autre
Other
Additifs
Additives

TREPANS: BITS:

No.	9		
Grandeur Size	8 3/4		
Type	J88		
Intérieur In	running		
Extérieur Out			
Avanc. forage Ftg.			
Hrs.			
Hrs. Cum.			
Cum. Hrs.			
Cond.			
Pes. x RPM	25000		
Wt. x RPM	X50		
Pression Pressure	1000		

Remarques: 17 1/4 hrs. - drilling
Remarks: 4 1/2 hrs. - tripping
2 1/4 hrs. - surveys

SQUIP

RAPPORT JOURNALIER DE FORAGE DAILY DRILLING REPORT

NOM DU Puits:

WELL NAME: SQUIP LAC NOIR # 1, NEIGETTE

JOUR DE FORAGE:

DATE: 27 sept. 1974 DAYS FROM SPUD: 32

PROFONDEUR:

DEPTH: 4649 pi. ft.

PROGRES:

PROGRESS: 116 pi. ft.

ACTIVITE:

ACTIVITY: Drilling

Relevés:	pi.		pi.		pi.
Surveys:	4523....ft. = 10.1/4°;		4515....ft. = 13.3/4°;		ft. =°;
	4585....ft. = 10.7/8°;		ft. =°;		ft. =°;

PROPRIETES DE LA BOUE:

SOUD PROPERTIES: Water

TREPANS:

BITS:

Pesanteur	Lb./Gal.
Weight	PPG
Viscosité	
Viscosity	Sec's/qt.
Perte d'eau	
Water Loss	c.c./30 min.
Cake de Filtration	po.
Filter Cake	in.
pH	
Nutre	
Other	
Additifs	
Additives	

No.	8	9	
Grandeur			
Size	8 3/4	8 3/4	
Type	H100	J86	
Intérieur			
In	4201	4625	
Extérieur			
Out	4625	running	
Avanc. forage			
Ftg.	423		
Hrs			
Hrs.	49 1/4		
Hrs Cum.			
Cum. Hrs.	358 1/4		
Cond.	121		
Pes. x RPM	30000/35000	25000	
Wt. x RPM	X55	X55	
Pression			
Pressure	1000	1000	

Remarques: 14 1/4 hrs. - drilling
 Remarks: 4 3/4 hrs. - tripping
 1 1/2 hrs. - surveys
 2 3/4 hrs. - reaming
 3/4 hrs. - cut and slip line

SOQUIP

RAPPORT JOURNALIER DE FORAGE DAILY DRILLING REPORT

NOM DU Puits:

WELL NAME: SOQUIP LAC NOIR # 1, HEIGETTE

JOUR DE FORAGE:

DATE: 26 sept. 1974

DAYS FROM SPUD:

31

PROFONDEUR:

DEPTH:

4533

pi.
ft.

PROGRES:

PROGRESS:

215

pi.
ft.

ACTIVITE:

ACTIVITY:

Drilling

Relevés:

Surveys:

4308....ft. = 10.1/4°;

4370....ft. = 10.3/4°;

4400....ft. = 11....°;

4431....ft. = 11.7/8°;

4363....ft. = 11.3/4°;

.....ft.°;

PROPRIETES DE LA BOUE:

MUD PROPERTIES:

Water

Pesanteur

Weight

Lb./Gal.

PPG

Viscosité

Viscosity

Sec's/qt.

Perte d'eau

Water Loss

c.c./30 min.

Cake de Filtration

Filter Cake

po.

in.

Autre

Other

Additifs

Additives

TREPANS:

BITS:

No.	8		
Grandeur			
Size	8 3/4		
Type	H100		
Intérieur			
In	4201		
Extérieur			
Out			
Avanc. forage			
Ftg.			
Hrs.			
Hrs.			
Hrs Cum.			
Cum. Hrs.			
Cond.			
Pes. x RPM	20000/40000		
Wt. x RPM	X45 à 48		
Pression			
Pressure	1000		

Remarques:

22 hrs. - drilling

Remarks:

2 hrs. - surveys

SOQUIP

RAPPORT JOURNALIER DE FORAGE DAILY DRILLING REPORT

NOM DU Puits:

WELL NAME: SOQUIP LAC NOIR # 1, NEIGETTE

JOUR DE FORAGE:

DATE: 25 sept. 1974 DAYS FROM SPUD: 30

PROFONDEUR:

DEPTH: 4318 pi. ft.

PROGRES:

PROGRESS: 117 pi. ft.

ACTIVITE:

ACTIVITY: Drilling

Relevés:	pi.		pi.		pi.
Surveys:	4190	ft. = 10.0°;	4247	ft. = 9.1/4°;	ft. =°;
	4215	ft. = 9.7/8°;	ft. =°;		ft. =°;

PROPRIETES DE LA BOUE:

MUD PROPERTIES: Water

TREPANS:

BITS:

Pesanteur	Lb./Gal.
Weight	PPG
Viscosité	
Viscosity	Sec's/qt.
Perte d'eau	c.c./30 min.
Water Loss	
Cake de Filtration	po.
Filter Cake	in.
Autre	
Other	
Additifs	
Additives	

No.	8		
Grandeur			
Size	8 3/4		
Type	H100		
Intérieur			
In	4190		
Extérieur			
Out	running		
Avanc. forage			
Ftg.			
Hrs			
Hrs.			
Hrs Cum.			
Cum. Hrs.			
Cond.			
Pes. x RPM	20000X35000		
Wt. x RPM	X45		
Pression			
Pressure	1000		

Remarques: 16 hrs. - drilling
 Remarks: 3 3/4 " - tripping
 1 1/4 " - reaming
 1 1/4 " - survey
 1 3/4 " - recovery of core

- 11 feet correction on geograph. Corrected depth from 4201' to 4190' and section cored actually 4130' to 4190'.

SOQUIP

RAPPORT JOURNALIER DE FORAGE DAILY DRILLING REPORT

NOM DU Puits:

WELL NAME: SOQUIP LAC NOIR # 1, HEIGETTE

JOUR DE FORAGE:

DATE: 24 sept. 1974 DAYS FROM SPUD: 29

PROFONDEUR:

DEPTH: 4201 pi. ft.

PROGRES:

PROGRESS: 91 pi. ft.

ACTIVITE:

ACTIVITY: Tripping

Relevés:	pi.	=	9.1/4°;	pi.	=	°;	pi.	=	°;
Surveys:	4130 ... ft.			 ft.			 ft.		
	pi.	=	°;	pi.	=	°;	pi.	=	°;
	 ft.			 ft.			 ft.		

PROPRIETES DE LA BOUE:

MUD PROPERTIES:

Pesanteur	Water	Lb./Gal.
Weight		PPG
Viscosité		
Viscosity		Sec's/qt.
Perte d'eau		
Water Loss		c.c./30 min.
Cake de Filtration		po.
Filter Cake		in.
pH		
Autre		
Other		
Additifs		
Additives	BC	
	JP	
	FG	
	FVO	
	CA	
	JYL	

TREPANS:

BITS:

No.	7	8	
Grandeur			
Size	8 3/4		
Type	M86	Christensen diamond	core
Intérieur			
In	3670	4141	
Extérieur			
Out	4130	4190	
Avanc. forage			
Ftg.	471	60	
Hrs			
Hrs.	43 3/4	323 1/4	
Hrs Cum.			
Cum. Hrs.			
Cond.			
Pes. x RPM	20000/25000	18000	
Wt. x RPM	X65	X90	
Pression			
Pressure	1000	1050	

Remarques: 13 hrs. - Coring
 Remarks: 3 3/4 hrs. - Drilling
 1/4 hrs. - Surveys
 5 hrs. - Tripping
 1 1/2 hrs. - Handle core barrel
 1/2 hrs. - Circulate core barrel

Core recovery 100%

SOQUIP

RAPPORT JOURNALIER DE FORAGE DAILY DRILLING REPORT

NOM DU Puits:

WELL NAME: SOQUIP LAC NOIR # 1, NEIGETTE

JOUR DE FORAGE:

DATE: 23 sept. 1974 DAYS FROM SPUD: 28

PROFONDEUR:

DEPTH: 4110

pi.
ft.

PROGRES:

PROGRESS: 220

pi.
ft.

ACTIVITE:

ACTIVITY: Drilling

Relevés:	pi.		pi.		pi.
Surveys:	3890....ft.	= 9.1/4°;	.4007....ft.	= 10....°;	ft. =°;
	pi.		pi.		pi.
	3950....ft.	= 1.1/4°;	.4069....ft.	= 9.1/4°;	ft. =°;

PROPRIETES DE LA BOUE:

MUD PROPERTIES:

Pesanteur	Water	Lb./Gal.
Weight		PPG
Viscosité		
Viscosity		Sec's/qt.
Perte d'eau		
Water Loss		c.c./30 min.
Cake de Filtration		po.
Filter Cake		in.
pH		
Autre		
Other		
Additifs		
Additives		

TREPANS:

BITS:

No.	7		
Grandeur			
Size	8 3/4		
Type	M86		
Intérieur			
In	3670		
Extérieur			
Out	running		
Avanc. forage			
Ftg.			
Hrs			
Hrs.			
Hrs Cum.			
Cum. Hrs.			
Cond.			
Pes. x RPI	25000		
Wt. x RPM	X50		
Pression			
Pressure	1000		

Remarques:

Remarks:

23 hrs. - drilling
1 hrs. - surveys

SOQUIP

RAPPORT JOURNALIER DE FORAGE DAILY DRILLING REPORT

NOM DU Puits:

WELL NAME: SOQUIP LAC NOIR # 1, NEIGETTE

DATE: 22 sept. 1974 JOUR DE FORAGE:
DAYS FROM SPUD: 27

PROFONDEUR:

DEPTH: 3890 pi. ft.

PROGRES:

PROGRESS: 241 pi. ft.

ACTIVITE:

ACTIVITY: Drilling

Relevés:	pi.		pi.		pi.	
Surveys:	3700....ft.	= 7.7/8°;	3828....ft.	= 7.7/8°;	ft.	=°;
	3760....ft.	= 8.1/4°;	ft.	=°;	ft.	=°;

PROPRIETES DE LA BOUE:
MUD PROPERTIES:

Pesanteur	Water	Lb./Gal.
Weight		PPG
Viscosité		
Viscosity		Sec's/qt.
Perte d'eau		
Water Loss		c.c./30 min.
Cake de Filtration		po.
Filter Cake		in.
Autre		
Other		
Additifs		
Additives		

TREPANS:
BITS:

No.	6	7
Grandeur		
Size	8 3/4	8 3/4
Type	S86	S86
Intérieur		
In	3277	3270
Extérieur		
Out	3670	running
Avanc. forage		
Ftg.	393	
Hrs		
Hrs.	25	
Hrs Cum.		
Cum. Hrs.	291	
Cond.	131	
Pes. x RPM	25000	25000
Wt. x RPM	X50	X50
Pression		
Pressure	1000	1000

Remarques:
Remarks:
19 1/2 hrs. - drilling
3 1/2 hrs. - tripping
1 hrs. - surveys

SOQUIP

RAPPORT JOURNALIER DE FORAGE DAILY DRILLING REPORT

NOM DU Puits:

WELL NAME: SOQUIP LAC NOIR # 1, NEIGETTE

JOUR DE FORAGE:

DATE: 21 sept. 1974 DAYS FROM SPUD: 26

PROFONDEUR:

DEPTH: 3649 pi. ft.

PROGRES:

PROGRESS: 244 pi. ft.

ACTIVITE:

ACTIVITY: Drilling

Relevés:

Surveys: 3446... pi. = 8.1/2°;

3570... pi. = 7.3/4°;

..... pi. =°;

3410... pi. = 8.1/2°;

3633... pi. = 7.1/2°;

..... pi. =°;

PROPRIETES DE LA BOUE:

SOIL PROPERTIES:

Pesanteur	Water	Lb./Gal.
Weight		PPG
Viscosité		Sec's/qt.
Viscosity		
Perte d'eau		c.c./30 min.
Water Loss		
Cake de Filtration		po.
Filter Cake		in.

pH	
Autre	
Other	
Additifs	
Additives	

TREPANS:

BITS:

No.	6		
Grandeur			
Size	8 3/4		
Type	S86		
Intérieur			
In	3277		
Extérieur			
Out	running		
Avanc. forage			
Ftg.			
Hrs.			
Hrs.			
Hrs Cum.			
Cum. Hrs.			
Cond.			
Pes. x RPM	25000		
Wt. x RPM	X50		
Pression			
Pressure	1000		

Remarques:

Remarks: 22 1/2 hrs. - drilling
1 1/4 hrs. - surveys
1/4 hrs. - Rig Service

SOQUIP

RAPPORT JOURNALIER DE FORAGE DAILY DRILLING REPORT

NOY DU PUIITS:

WELL NAME: SOQUIP LAC NOIR # 1, NEIGETTE

JOUR DE FORAGE:

DATE: 20 sept. 1974

DAYS FROM SPUD:

25

PROFONDEUR:

DEPTH:

3405

pi.
ft.

PROGRES:

PROGRESS:

180

pi.
ft.

ACTIVITE:

ACTIVITY:

Drilling

Relevés:

Surveys:

3238....ft. = 8 3/4°;

3270....ft. = 8 7/8°;

3323....ft. = 8 1/4°;

3383....ft. = 8 1/4°;

.....ft. =°;

.....ft. =°;

PROPRIETES DE LA BOUE:

SOUD PROPERTIES:

Pesanteur	Water	Lb./Gal.
Weight		PPG
Viscosité		
Viscosity		Sec's/qt.
Perte d'eau		
Water Loss		c.c./30 min.
Cake de Filtration		po.
Filter Cake		in.
pH		
Autre		
Other		
Additifs		
Additives		

TREPANS:

BITS:

No.	5	6	
Grandeur			
Size	8 3/4	8 3/4	
Type	F62J	S86	
Intérieur			
In	4376	3277	
Extérieur			
Out	3277	running	
Avanc. forage			
Ftg.	801		
Hrs			
Hrs.	75		
Hrs Cum.			
Cum. Hrs.	266		
Cond.	341		
Pes. x RPM	2500	2500	
Wt. x RPM	X 50	X50	
Pression			
Pressure	1000	1000	

Remarques:

Remarks:

19 1/4 hrs. - drilling
3 3/4 hrs. - tripping
1 hrs. - survey

SOQUIP

RAPPORT JOURNALIER DE FORAGE DAILY DRILLING REPORT

NOM DU Puits:

WELL NAME: SOQUIP LAC NOIR # 1, NEIGETTE

JOUR DE FORAGE:

DATE: 19 sept. 1974 DAYS FROM SPUD: 24

PROFONDEUR:

DEPTH: 3225 ft.

PROGRES:

PROGRESS: 217 ft.

ACTIVITE:

ACTIVITY: Drilling

Relevés:	pi.		pi.		pi.
Surveys:	3017....ft. = 7.7/8°;		.3110....ft. = 8....°;		ft. =°;
	3080....ft. = 8....°;		.3152....ft. = 8.1/4°;		ft. =°;

PROPRIETES DE LA BOUE:

SOIL PROPERTIES:

Pesanteur	Water	Lb./Gal.
Weight		PPG
Viscosité		
Viscosity		Sec's/qt.
Perte d'eau		
Water Loss		c.c./30 min.
Cake de Filtration		po.
Filter Cake		in.
pH		
Autre		
Other		
Additifs		
Additives		

TREPANS:

BITS:

No.	5		
Grandeur	8 3/4		
Size			
Type	F62J		
Intérieur	running		
In			
Extérieur			
Out			
Avanc. forage			
Ftg.			
Hrs			
Hrs.			
Hrs Cum.			
Cum. Hrs.			
Cond.			
Pes. x RPM	25000		
Wt. x RPM	X 45		
Pression			
Pressure	1000		

Remarques:

Remarks:

23 hrs. - drilling
1 hrs. - survey

SOQUIP

RAPPORT JOURNALIER DE FORAGE DAILY DRILLING REPORT

NOM DU Puits: SOQUIP LAC NOIR # 1, NEIGETTE JOUR DE FORAGE: 22
WELL NAME: DATE: Sept. 17, 1974 DAYS FROM SPUD: 22

PROFONDEUR: 2742 pi. PROGRES: 237 pi.
DEPTH: ft. PROGRESS: ft.

ACTIVITE: Drilling
ACTIVITY:

Relovés: 2505...ft. = 5.1/4.°; 2556...ft. = 5.3/4.°; 2620...ft. = 6.1/8.°;
Surveys: 2536...ft. = 5.1/4.°; 2590...ft. = 5.7/8.°; 2650...ft. = 6 1/8.°;
2675 6 3/4

PROPRIETES DE LA BOUE:
MUD PROPERTIES:

Pesanteur	Water	Lb./Gal.
Weight		PPG
Viscosité		
Viscosity		Sec's/qt.
Perde d'eau		
Water Loss		c.c./30 min.
Cake de Filtration		po.
Filter Cake		in.
pH		
Autre		
Other		
Additifs		
Additives		

TREPANS:
BITS:

No.	5		
Grandeur			
Size	8 3/4		
Type	F62J		
Intérieur			
In	2476		
Extérieur			
Out	running		
Avanc. forage			
Ftg.			
Hrs			
Hrs.			
Hrs Cum.			
Cum. Hrs.			
Cond.			
Pes. x RPM	25000		
Wt. x RPM	X 45		
Pression			
Pressure	1000		

Remarques: 22 1/2 hrs. - Drilling
Remarks: 1 1/2 hrs. - Survey

SOQUIP

RAPPORT JOURNALIER DE FORAGE DAILY DRILLING REPORT

NOM DU Puits:

WELL NAME: SOQUIP LAC NOIR # 1, NEIGETTE

JOUR DE FORAGE:

DATE: Sept. 16, 1974 DAYS FROM SPUD: 21

PROFONDEUR:

DEPTH: 2505 pi. ft.

PROGRES:

PROGRESS: 145 pi. ft.

ACTIVITE:

ACTIVITY: Drilling

Relevés:	2367	pi. = 5 1/8 °;	2398	pi. = 5 °;	2495	pi. = 5 °;
Surveys:	2461	pi. = 5 1/2 °;		pi. = °;		pi. = °;
		ft. = °;		ft. = °;		ft. = °;

PROPRIETES DE LA BOUE:

SOUD PROPERTIES:

Pesanteur	Water	Lb./Gal.
Weight		PPG
Viscosité		
Viscosity		Sec's/qt.
Perte d'eau		
Water Loss		c.c./30 min.
Cake de Filtration		po.
Filter Cake		in.
pH		
Autre		
Other		
Additifs		
Additives		

TREPANS:

BITS:

No.	4	5	
Grandeur			
Size	8 3/4	8 3/4	
Type	DMJ	F62J	
Intérieur			
In	2300	2476	
Extérieur			
Out	2476	running	
Avanc. forage			
Ftg.	176		
Hres			
Hrs.	28 3/4		
Hres Cum.			
Cum. Hrs.	191		
Cond.	541		
Pes. x RPM	15000/30000	20,000	
Wt. x RPM	X 70	X 45	
Pression			
Pressure	1000	1000	

Remarques:

Remarks:

19 1/2 hrs. - Drilling
3 1/4 hrs. - Tripping
1 hrs. - Survey

SOQUIP

RAPPORT JOURNALIER DE FORAGE DAILY DRILLING REPORT

NOM DU PUIT: _____

WELL NAME: SOQUIP LAC NOIR # 1, NEIGETTE

JOUR DE FORAGE: _____
DATE: Sept. 15, 1974 DAYS FROM SPUD: 20

PROFONDEUR: _____

DEPTH: _____

2360

pi.
ft.

PROGRES: _____

PROGRESS: _____

63

pi.
ft.

ACTIVITE: _____

ACTIVITY: _____

Drilling at 8:00 A.M.

Relevés: _____

Surveys: .2336...ft. = .5...°;

.....ft. =°;

pi.

.....ft. =°;

.....ft. =°;

pi.

.....ft. =°;

.....ft. =°;

PROPRIETES DE LA BOUE:

SOIL PROPERTIES:

Pesanteur

Water

Lb./Gal.

Weight

PPG

Viscosité

Viscosity

Sec's/qt.

Perte d'eau

Water Loss

c.c./30 min.

Cake de Filtration

Filter Cake

po.

in.

pH

Autre

Other

Additifs

Additives

TREPANS:

BITS:

No.	3	4	
Grandeur			
Size	8½	8½	
Type	DSS	DMJ	
Intérieur			
In	2056	2300	
Extérieur			
Out	2300	running	
Avanc. forage			
Ftg.	244		
Hrs			
Hrs.	48½		
Hrs Cum.			
Cum. Hrs.	162½		
Cond.	621		
Pes. x RPM	1500/2000	15000/20000	
Wt. x RPM	X 70	X 100	
Pression			
Pressure	1000		

Remarques:

Remarks:

12½ hrs. - Drilling

3½ hrs. - Tripping

1 hrs. - Survey

7 hrs. - Fishing

Last Bit & near Bit reamer & change over subs. Fished with 5 7/8" drapple with 6¼" ranje. Retrieve fish on first run. Lay down square collar, chocks sub & drilling jar.

SOQUIP

RAPPORT JOURNALIER DE FORAGE DAILY DRILLING REPORT

NOM DU Puits:

WELL NAME: SOQUIP LAC NOIR # 1, NEIGETTE

JOUR DE FORAGE:

DATE: Sept. 14, 1974 DAYS FROM SPUD: 19

PROFONDEUR:

DEPTH: 2297 pi. ft.

PROGRES:

PROGRESS: 88 pi. ft.

ACTIVITE:

ACTIVITY: Drilling

Relevés:	pi.		pi.		pi.
Surveys:	2259...ft.	= 4.7/8.°;	2290...ft.	= 4.3...°;	ft. =°;
	pi.	=°;	pi.	=°;	pi. =°;
	ft.		ft.		ft.

PROPRIETES DE LA BOUE:

SOIL PROPERTIES:

Pesanteur	Water	Lb./Gal.
Weight		PPG
Viscosité		
Viscosity		Sec's/qt.
Perte d'eau		
Water Loss		c.c./30 min.
Cake de Filtration		po.
Filter Cake		in.
pH		
Autre		
Other		
Additifs		
Additives		

TREPANS:

BITS:

No.	3		
Grandeur			
Size	8 3/4		
Type	DSS		
Intérieur			
In	2056		
Extérieur			
Out	running		
Avanc. forage			
Ftg.			
Hrs.			
Hrs.			
Hrs Cum.			
Cum. Hrs.			
Cond.			
Pes. x RPM	15000/20000		
Wt. x RPM	X 70		
Pression			
Pressure	1000		

Remarques:

Remarks:

23 1/4 hrs. - Drilling
2 hrs. - Surveys

SOQUIP

RAPPORT JOURNALIER DE FORAGE DAILY DRILLING REPORT

NOM DU PUIT:
WELL NAME:

SOQUIP LAC NOIR #1, NEIGETTE

DATE: Sept. 13, 1974

JOUR DE FORAGE:
DAYS FROM SPUD:

18

PROFONDEUR:
DEPTH:

2209

pi.
ft.

PROGRES:
PROGRESS:

136

pi.
ft.

ACTIVITE:
ACTIVITY:

Drilling

Relevés: 2060 pi. = 3½ o;
Surveys:ft. =;
2165 pi. = 4 o;
.....ft. =;

2092 pi. = 3 7/8 o;
.....ft. =;
2200 pi. = 4 1/2 o;
.....ft. =;

2134 pi. = 4 o;
.....ft. =;
pi. = o;
.....ft. =;

PROPRIETES DE LA BOUE:
MUD PROPERTIES:

Pesanteur	Water	Lb./Gal.
Weight		PPG
Viscosité		
Viscosity		Sec's/qt.
Perte d'eau		
Water Loss		c.c./30 min.
Cake de Filtration		po.
Filter Cake		in.
pH		
Autre		
Other		
Additifs		
Additives		

TREPANS:
BITS:

No.	4		
Grandeur			
Size	8½		
Type	DSS		
Intérieur			
In	running		
Extérieur			
Out			
Avanc. forage			
Ftg.			
Hrs.			
Hrs.			
Hrs Cum.			
Cum. Hrs.			
Cond.			
Pes. x RPM	15000/20000		
Wt. x RPM	X 56		
Pression			
Pressure	11000		

Remarques:
Remarks:

22 hrs. - Drilling
1¼ " - Service
¾ " - Repairs

SOQUIP

RAPPORT JOURNALIER DE FORAGE DAILY DRILLING REPORT

NOM DU Puits:

WELL NAME: SOQUIP LAC NOIR #1, NEIGETTE

JOUR DE FORAGE:

DATE: Sept. 12, 1974 DAYS FROM SPUD: 17

PROFONDEUR:

2073

pi.

DEPTH:

ft.

PROGRES:

236

PROGRESS:

pi.

ft.

ACTIVITE:

Drilling

ACTIVITY:

Relevés: 1886 pi. = 2½ o;
Surveys:ft. = o;
2040 pi. = 3 7/8 o;
.....ft. = o;

1949 pi. = 2 o;
.....ft. = o;
pi. = o;
.....ft. = o;

2010 pi. = 3½ o;
.....ft. = o;
pi. = o;
.....ft. = o;

PROPRIETES DE LA BOUE:

SOUD PROPERTIES:

Pesanteur	WATER	Lb./Gal.
Weight		PPG
Viscosité		
Viscosity		Sec's/qt.
Perte d'eau		
Water Loss		c.c./30 min.
Cake de Filtration		po.
Filter Cake		in.
pH		
Autre		
Other		
Additifs		
Additives		

TREPANS:

BITS:

No.	RR 1	3	
Grandeur			
Size	8½	8½	
Type	S86	DSS	
Intérieur			
In	1651	2056	
Extérieur			
Out	2056	running	
Avanc. forage			
Ftg.	405		
Hrs			
Hrs.	31½		
Hrs Cum.			
Cum. Hrs.	114		
Cond.	122		
Pes. x RPM			
Wt. x RPM	30000X46	15000X85	
Pression			
Pressure	11000	11000	

Remarques:

Remarks:

19½ hrs. - Drilling
3 " - Tripping
1 " - Service
¼ " - Rig Service

FICHE DE CIRCULATION		
DES.	NOM	DATE
BC		
LP		
FG		
FUI		
CM		

DESIGNER

SOQUIP

RAPPORT JOURNALIER DE FORAGE DAILY DRILLING REPORT

NOM DU Puits: SOQUIP LAC NOIR #1, NEIGETTE JOUR DE FORAGE: 16
 WELL NAME: DATE: Sept. 11, 1974 DAYS FROM SPUD:
 PROFONDEUR: 1837 pi. PROGRES: 215 pi.
 DEPTH: ft. PROGRESS: ft.
 ACTIVITE: Drilling
 ACTIVITY:

Relevés:	1638	pi.	=	3 1/8°;	1668	pi.	=	3°;	1699	pi.	=	3°;
Surveys:	1760	ft.	=	2 7/8°;	1820	ft.	=	2 1/2°;		ft.	=	°;

PROPRIETES DE LA BOUE:
MUD PROPERTIES:

Pesanteur	WATER	Lb./Gal.
Weight		PPG
Viscosité		
Viscosity		Sec's/qt.
Perte d'eau		
Water loss		c.c. /30 min.
Cake de Filtration		po.
Filter Cake		in.
pH		
Autre		
Other		
Additifs		
Additives		

TREPANS:
BITS:

No.	2	RR 1	
Grandeur			
Size	8 1/2	8 1/2	
Type	XDV	S86	
Intérieur			
In	1437	1651	
Extérieur			
Out	1651	running	
Avanc. forage			
Ftg.	216		
Hrs			
Hrs.	39 1/2		
Hrs Cum.			
Cum. Hrs.	82 1/2		
Cond.	721		
Pes. x RPM			
Wt. x RPM	25000X70	30000X50	
Pression			
Pressure	1,000	1,000	

Remarques: 20 hrs. - Drilling
 2 1/2 " - Tripping
 1 1/4 " - Surveys
 1/4 " - Rig Service

FICHE DE CIRCULATION		
DEST.	INIT.	DATE
BC		
JP		
FU		
CP		
FG		
DOSSIER		

SOQUIP

RAPPORT JOURNALIER DE FORAGE DAILY DRILLING REPORT

NOM DU Puits: SOQUIP LAC NOIR #1, NEIGETTE
WELL NAME:

Sept. 10, 1974 JOUR DE FORAGE: 15
DATE: DAYS FROM SPUD:

PROFONDEUR: 1622 pi.
DEPTH: 1622 ft. PROGRES: 132 pi.
PROGRESS: 132 ft.

ACTIVITE: Drilling
ACTIVITY:

Relevés: 1490 pi. = 3 1/2 o; 1514 pi. = 3 1/2 o; 1545 pi. = 3 1/8 o;
Surveys:ft. =;ft. =;ft. =;
1580 pi. = 3 1/2 o; 1610 pi. = 3 1/2 o;ft. =;
.....ft. =;ft. =;ft. =

PROPRIETES DE LA BOUE:
MUD PROPERTIES:

Pesanteur Water Lb./Gal.
Weight PPG
Viscosité
Viscosity Sec's/qt.
Perte d'eau
Water Loss c.c./30 min.
Cake de Filtration po.
Filter Cake in.
pH
Autre
Other
Additifs
Additives

TREPANS:
BITS:

No.	2		
Grandeur Size	8 1/2		
Type	XDV		
Intérieur In	1437		
Extérieur Out	running		
Avanc. forage Ftg.			
Hrs.			
Hrs.			
Hrs Cum. Cum. Hrs.			
Cond.			
Pes. x RPM	15000/25000		
Wt. x RPM	X60/95		
Pression Pressure	1000		

Remarques: 22 1/2 hrs. - Drilling
Remarks: 1 1/2 " - Surveys

SOQUIP

RAPPORT JOURNALIER DE FORAGE DAILY DRILLING REPORT

NOM DU Puits: SOQUIP LAC NOIR #1, NEIGETTE DATE: Sept. 9, 1974 JOUR DE FORAGE: 14
WELL NAME: DAYS FROM SPUD:

PROFONDEUR: 1490 pi. PROGRES: 94 pi.
DEPTH: ft. PROGRESS: ft.

ACTIVITE:
ACTIVITY:

Relevés: 1360 pi. = 2½ o; 1390 pi. = 3 o; 1422 pi. = 3½ o;
Surveys:ft. =;ft. =;ft. =;
1460 pi. = 3¾ o;
.....ft. =;ft. =;ft. =

PROPRIETES DE LA BOUE:
MUD PROPERTIES:

Pesanteur	Water	Lb./Gal.
Weight		PPG
Viscosité		
Viscosity		Sac's/qt.
Perte d'eau		
Water Loss		c.c./30 min.
Cake de Filtration		po.
Filter Cake		in.
pH		
Autre		
Other		
Additifs		
Additives	Barite	- 10 sacs

TREPANS:
BITS:

No.	1	2	
Grandeur			
Size	8½	8½	
Type	S86	XDV	
Intérieur			
In	895	1437	
Extérieur			
Out	1437	running	
Avanc. forage			
Ftg.	544		
Hrs			
Hrs.	37½		
Hrs Cum.			
Cum. Hrs.	43.0		
Cond.	111		
Pes. x RPM	40000/50000		
Wt. x RPM	X40/60	50000X80	
Pression			
Pressure	1000		

Remarques: 19½ hrs. - Drilling
Remarks: 3½ " - Trip
1 " - Surveys

Drilling rate - 9 minutes per foot. Weight on bit: 1500#

SOQUIP

RAPPORT JOURNALIER DE FORAGE DAILY DRILLING REPORT

NOM DU Puits: SOQUIP LAC NOIR #1, NEIGETTE
 WELL NAME: _____ DATE: Sept. 8, 1974 JOUR DE FORAGE: 13
 PROFONDEUR: 1396 pi.
 DEPTH: _____ ft. PROGRES: 421 pi.
 ACTIVITE: Drilling
 ACTIVITY: _____

Relevés: 1016 pi. = $\frac{1}{2}$ o; 1107 pi. = 1 o; 1170 pi. = $1\frac{1}{4}$ o;
 Surveys:ft.;ft.;ft.;
 1230 pi. = $1\frac{1}{4}$ o; 1300 pi. = $1\frac{1}{4}$ o; 1330 pi. = $1\frac{1}{4}$ o;
ft.;ft.;ft.;

PROPRIETES DE LA BOUE: MUD PROPERTIES:

Pesanteur	Water	Lb./Gal.
Weight		PPG
Viscosité		
Viscosity		Sec's/qt.
Perte d'eau		
Water Loss		c.c./30 min.
Cake de Filtration		po.
Filter Cake		in.
pH		
Autre		
Other		
Additifs		
Additives	Gel - 25 sacs	
	Barite - 120 sacs	

TREPANS: BITS:

No.	1		
Grandeur			
Size	8 $\frac{1}{2}$		
Type	S86		
Intérieur			
In	893		
Extérieur			
Out	running		
Avanc. forage			
Ftg.			
Hrs			
Hrs.			
Hrs Cum.			
Cum. Hrs.			
Cond.			
Pes. x RPM	40000/50000		
Wt. x RPM	X40/60		
Pression			
Pressure	1000		

Remarques:
 Remarks: 22 $\frac{1}{4}$ hrs. - Drilling
 1 $\frac{1}{2}$ " - Surveys
 $\frac{1}{4}$ " - Test B.O.P. 's

Drilling rates around 3 minutes per foot. Weight on bit:
 975 to 1117: 40,000
 1117 to 1275: 30,000
 1275 to 1396: 15,000

SOQUIP

RAPPORT JOURNALIER DE FORAGE DAILY DRILLING REPORT

NOM DU Puits: SOQUIP LAC NOIR #1, NEIGETTE JOUR DE FORAGE: 12
WELL NAME: DATE: Sept. 7, 1974 DAYS FROM SPUD:

PROFONDEUR: 975 pi. PROGRES: 147 pi.
DEPTH: ft. PROGRESS: ft.

ACTIVITE: Drilling
ACTIVITY:

Relevés: 900 pi. = 1½ o;	930 pi. = 1½ o;	960 pi. = 1½ o;
Surveys: .....ft. =o;	ft. =o;	ft. =o;
.....pi. =o;	pi. =o;	pi. =o;
.....ft. =o;	ft. =o;	ft. =o;

PROPRIETES DE LA BOUE:
MUD PROPERTIES:

Pesanteur	Water	Lb./Gal.
Weight		PPG
Viscosité		
Viscosity		Sec's/qt.
Perte d'eau		
Water Loss		c.c./30 min.
Cake de Filtration		po.
Filter Cake		in.

pH		
Autre		
Other		
Additifs		
Additives	Gel	- 10 sacs

TREPANS:
BITS:

No.	RR 2A	1	
Grandeur			
Size	8½	8½	
Type	S44	S86	
Intérieur			
In	828	893	
Extérieur			
Out	893	running	
Avanc. forage			
Ftg.	65		
Hrs			
Hrs.	5½		
Hrs Cum.			
Cum. Hrs.			
Cond.	421		
Pes. x RPM			
Wt. x RPM	25000X60	30000X45	
Pression			
Pressure	950	950	

Remarques: 2½ hrs. - Drill out cement
Remarks: 3 " - Pressure test
2½ " - Work on mouse hole
¾ " - Survey
3½ " - Trip
12 " - Drilling

SOQUIP

RAPPORT JOURNALIER DE FORAGE DAILY DRILLING REPORT

NOM DU Puits: SOQUIP LAC NOIR #1, NEIGETTE DATE: Sept. 6, 1974 JOUR DE FORAGE: 11
WELL NAME: DATE: DAYS FROM SPUD:

PROFONDEUR: 828 pi. PROGRES: 0 pi.
DEPTH: ft. PROGRESS: ft.

ACTIVITE: Pressure testing B.O.P.'s
ACTIVITY:

Relevés: pi. =°; | pi. =°; | pi. =°;
Surveys:ft. =°; |ft. =°; |ft. =°;
pi. =°; | pi. =°; | pi. =°;
.....ft. =°; |ft. =°; |ft. =°;

PROPRIETES DE LA BOUE:
MUD PROPERTIES:

Pesanteur Lb./Gal.
Weight PPG
Viscosité
Viscosity Sec's/qt.
Perte d'eau
Water Loss c.c./30 min.
Cake de Filtration po.
Filter Cake in.

pH
Autre
Other
Additifs
Additives

TREPANS:
BITS:

No.			
Grandeur			
Size			
Type			
Intérieur			
In			
Extérieur			
Out			
Avanc. forage			
Ftg.			
Hrs			
Hrs.			
Hrs Cum.			
Cum. Hrs.			
Cond.			
Pes. x RPM			
Wt. x RPM			
Pression			
Pressure			

Remarques:
Remarks:

24 hrs. - W.O.C. nipple up.

SOQUIP

RAPPORT JOURNALIER DE FORAGE DAILY DRILLING REPORT

NOM DU Puits: SOQUIP LAC NOIR #1, NEIGETTE DATE: Sept. 5, 1974 JOUR DE FORAGE: 10
WELL NAME: _____ DAYS FROM SPUD: _____

PROFONDEUR: _____ pi. PROGRES: _____ pi.
DEPTH: 828 ft. PROGRESS: 0 ft.

ACTIVITE: W.O.C.
ACTIVITY: _____

Relevés: pi. =°; | pi. =°; | pi. =°;
Surveys:ft. =°; |ft. =°; |ft. =°;
pi. =°; | pi. =°; | pi. =°;
.....ft. =°; |ft. =°; |ft. =°;

PROPRIETES DE LA BOUE:
MUD PROPERTIES:

Pesanteur	Lb./Gal.
Weight	PPG
Viscosité	
Viscosity	Sec's/qt.
Perte d'eau	
Water Loss	c.c /30 min.
Cake de Filtration	po.
Filter Cake	in.
pH	
Autre	
Other	
Additifs	
Additives	

TREPANS:
BITS:

No.			
Grandeur			
Size			
Type			
Intérieur			
In			
Extérieur			
Out			
Avanc. forage			
Ftg.			
Hrs			
Hrs.			
Hrs Cum.			
Cum. Hrs.			
Cond.			
Pes. x RPM			
Wt. x RPM			
Pression			
Pressure			

Remarques: 1½ hr. - Rig to run casing
2¾ hrs. - Run casing
3¾ hrs. - W.O. cementer
16 hrs. - W.O.C. nipple up

Ran 23 jts. 9 5/8" 36# K55 STC new casing to 828' KB. Cem. with 340 sacs class B oil well. Plug down 5:00 p.m. Good cement returns. Cemented cellar with 15 sacs.

RAPPORT JOURNALIER DE FORAGE
DAILY DRILLING REPORT

NOM DU Puits: SOQUIP LAC NOIR #1, NEIGETTE
WELL NAME:

DATE: Sept. 4, 1974 JOUR DE FORAGE: 9
DAYS FROM SPUD:

PROFONDEUR:	828'	pi.	PROGRES:	258'	pi.
DEPTH:		ft.	PROGRESS:		ft.

ACTIVITE: Rigging up to run 9 5/8" casing
ACTIVITY:

Relevés:	771	pi.	=	1/8" o;	828	pi.	=	1/8" o;		pi.	=	o;
Surveys:	.....	ft.	=	.....	.....	ft.	=	.....		ft.	=	.....
		pi.	=	o;		pi.	=	o;		pi.	=	o;
		ft.	=	.....		ft.	=	.....		ft.	=	.....

PROPRIETES DE LA BOUE:
AND PROPERTIES:

TREPANS:
BITS:

[illegible]

No.	4A		
Grandeur Size	12½		
Type	H88		
Intérieur In	218		
Extérieur Out	828		
Avanc. forage Ftg.	610		
Hres Hrs.	59½		
Hres Cum. Cum. Hrs.	1-2-1		
Cond.			
Pes. x RPM Wt. x RPM	25/30X50/60		
Pression Pressure	550		

18 hrs. - Drilling
Remarks: 1 1/4 " - Survey
4 3/4 " - Trip

Double tally out	829.62
Geologist	828.00
Difference	<u>1.62</u>

RAPPORT JOURNALIER DE FORAGE
DAILY DRILLING REPORT

NOM DU Puits:		SOQUIP LAC NOIR #1, NEIGETTE		DATE: Sept. 3, 1974		JOUR DE FORAGE:	
WELL NAME:						DAYS FROM SPUD: 8	
PROFONDEUR:		570'		pi.		PROGRES:	
DEPTH:				ft.		200'	
						pi.	
						ft.	
ACTIVITE:		8:00 a.m. Drilling					
ACTIVITY:							

Relovés:	380	pi.	=	$\frac{3}{4}$	o;	410	pi.	=	$\frac{1}{4}$	o;	465	pi.	=	$\frac{1}{4}$	o;
Surveys:	.....	ft.		.....		.....	ft.		.....		.....	ft.		.....	
	526	pi.	=	1	o;	537	pi.	=	$\frac{3}{4}$	o;		pi.	=		o;
	.....	ft.		.....		.....	ft.		.....		.....	ft.		.....	

PROPRIETES DE LA BOUE:
AND PROPERTIES:

TREPANS :
BITS :

[illegible]

No.	4A		
Grandeur Size	12½		
Type	H88		
Intérieur In	218		
Extérieur Out	running		
Avanc. forage Ftg.			
Hres			
Hrs.			
Hres Cum.			
Cum. Hrs.			
Cond.			
Pes. x RPM			
Wt. x RPM			
Pression			
Pressure			

Remarks: 22½ hrs.: Drilling
1½ " : Survey
¼ " : Rig Service

SOQUIP

RAPPORT JOURNALIER DE FORAGE DAILY DRILLING REPORT

NOM DU Puits: SOQUIP LAC NOIR #1, NEIGETTE
WELL NAME: _____

Sept. 2, 1974 JOUR DE FORAGE:
DATE: _____ DAYS FROM SPUD: 7

PROFONDEUR: 370' pi.
DEPTH: _____ ft. PROGRES: 158' pi.
PROGRESS: _____ ft.

ACTIVITE:
ACTIVITY: 8:00 a.m. - Drilling

Relevés: 230 pi. = 1/8 o;	289 pi. = 1/8 o;	348 pi. = 7/8 o;
Surveys: .....ft.;	ft.;	ft.;
pi. =o;	pi. =o;	pi. =o;
.....ft.;	ft.;	ft.;

PROPRIETES DE LA BOUE:
MUD PROPERTIES:

Pesanteur	Water	Lb./Gal.
Weight		PPG
Viscosité		
Viscosity		Sec's/qt.
Perte d'eau		
Water Loss		c.c./30 min.
Cake de Filtration		po.
Filter Cake		in.

pH
Autre
Other
Additifs
Additives Soda ash - 10 sacs

TREPANS:
BITS:

No.	3A	4A	
Grandeur Size	12½	12½	
Type	S33	H88	
Intérieur In	147	218	
Extérieur Out	218	running	
Avanc. forage Ftg.	71'		
Hrs			
Hrs.			
Hrs Cum.			
Cum. Hrs.			
Cond.	611		
Pes. x RPM	1000/2000	2000X42	
Wt. x RPM	X 40/70		
Pression Pressure		400	

Remarques: 20½ hrs.: Drilling
Remarks: 2½ " : Tripping
¼ " : Rig Service
1 " : Surveys

Serial No:
534643

SOQUIP

RAPPORT JOURNALIER DE FORAGE DAILY DRILLING REPORT

NOM DU Puits: SOQUIP LAC NOIR #1, NEIGETTE JOUR DE FORAGE: 6
WELL NAME: DATE: Sept. 1, 1974 DAYS FROM SPUD:
PROFONDEUR: 212' pi. PROGRES: 29' pi.
DEPTH: ft. PROGRESS: ft.
ACTIVITE: W.O.C.
ACTIVITY:

Relevés: pi. =°; | pi. =°; | pi. =°;
Surveys:ft. =°; |ft. =°; |ft. =°;
pi. =°; | pi. =°; | pi. =°;
.....ft. =°; |ft. =°; |ft. =°;

PROPRIETES DE LA BOUE:
MUD PROPERTIES:

Pesanteur	Lb./Gal.
Weight	PPG
Viscosité	
Viscosity	Sec's/qt.
Perde d'eau	
Water Loss	c.c./30 min.
Cake de Filtration	po.
Filter Cake	in.
pH	
Autre	
Other	
Additifs	
Additives	

TREPANS:
BITS:

No.	3A		
Grandeur			
Size	12 1/4		
Type	S33		
Intérieur			
In	147		
Extérieur			
Out			
Avanc. forage			
Ftg.			
Hrs.			
Hrs.			
Hrs Cum.			
Cum. Hrs.			
Cond.			
Pes. x RPM	1500/2000		
Wt. x RPM	X40/70		
Pression			
Pressure			

6 1/2 hrs.: Drilling
1 " : Condition mud, circulate conductor.
Remarques: 2 " : Tripping.
Remarks: 1 " : Rig service.
2 " : Repairs.
4 1/2 " : Preparing cement conductor pipe.
10 1/2 " : W.O.C.

SOQUIP

RAPPORT JOURNALIER DE FORAGE DAILY DRILLING REPORT

NOM DU Puits: SOQUIP LAC NOIR #1, NEIGETTE DATE: Aug. 31, 1974 JOUR DE FORAGE: 5
WELL NAME: DATE: DAYS FROM SPUD:
PROFONDEUR: 183' pi. PROGRES: 56' pi.
DEPTH: ft. PROGRESS: ft.
ACTIVITE: 8:00 a.m. Drilling 12½" hole
ACTIVITY:

Relevés: 124 pi. = ½ o; 161 pi. = ¼ o; pi. = o;
Surveys:ft. =;ft. =;ft. =;
pi. = o; pi. = o; pi. = o;
.....ft. =;ft. =;ft. =

PROPRIETES DE LA BOUE: MUD PROPERTIES:

Pesanteur	8.6	Lb./Gal.
Weight		PPG
Viscosité	37	Sec's/qt.
Viscosity		
Perte d'eau	no control	c.c./30 min.
Water Loss		
Cake de Filtration		po.
Filter Cake		in.
pH		
Autre		
Other		
Additifs		
Additives		
Gel Slurry		
Hydro Gel	-	40 sacs
Soda ash	-	10 sacs

TREPANS: BITS:

No.	3A		
Grandeur	12½		
Size			
Type	S33		
Intérieur	147		
In			
Extérieur	running		
Out			
Avanc. forage			
Ftg.			
Hrs			
Hrs.			
Hrs Cum.			
Cum. Hrs.			
Cond.			
Pes. x RPM	1500X70		
Wt. x RPM			
Pression	475		
Pressure			

12 ¾ hrs: Drilling 12½" hole.
1 ½ " : Survey.
Remarques: 4 ½ " : Mixed mud and circulate.
Remarks: 2 ½ " : Trips.
2 ¾ " : Repairs.

SOQUIP

RAPPORT JOURNALIER DE FORAGE DAILY DRILLING REPORT

NOM DU Puits: SOQUIP LAC NOIR #1, NEIGETTE JOUR DE FORAGE: 4
WELL NAME: DATE: Aug. 30, 1974 DAYS FROM SPUD:
PROFONDEUR: 127' pi. PROGRES: 27' pi.
DEPTH: ft. PROGRESS: ft.
ACTIVITE: Drilling 12½" hole, rerun survey after reaming 12½" hole.
ACTIVITY:

Relevés: 90' pi. = ½°;ft. =°;
Surveys:ft. =°;ft. =°;
pi. =°;ft. =°;
pi. =°;ft. =°;

PROPRIETES DE LA BOUE:
MUD PROPERTIES:

Pesanteur	Water	Lb./Gal.
Weight		PPG
Viscosité		
Viscosity		Sec's/qt.
Perte d'eau		
Water Loss		c.c./30 min.
Cake de Filtration		po.
Filter Cake		in.
pH		
Autre		
Other		
Additifs		
Additives		

TREPANS:
BITS:

No.	RR		
Grandeur	1A		
Size	12½		
Type	XIG		
Intérieur	102		
In			
Extérieur	running		
Out			
Avanc. forage			
Ftg.			
Hrs			
Hrs.			
Hrs Cum.			
Cum. Hrs.			
Cond.			
Pes. x RPM			
Wt. x RPM	1200X70		
Pression			
Pressure			

Remarques: 10½ hrs. - Drilling 12½" hole.
Remarks: 6 " - Reaming
¼ " - Surveys
6½ " - Handling tools.
1 " - Repairs

SOQUIP

RAPPORT JOURNALIER DE FORAGE DAILY DRILLING REPORT

NOM DU Puits: SOQUIP LAC NOIR #1
WELL NAME:

JOUR DE FORAGE: 3
DATE: Aug. 29, 1974 DAYS FROM SPUD:

PROFONDEUR: 99' pi.
DEPTH: ft. PROGRES: 24' pi.
PROGRESS: ft.

ACTIVITE: Rig pick up at 12¼" pallet reamer
ACTIVITY:

Relevés: 70' pi. = .4...°;
Surveys:ft. =°;
85' pi. = ½ °;
.....ft. =°;

PROPRIETES DE LA BOUE:
MUD PROPERTIES:

Pesanteur water lb./Gal.
Weight PPG
Viscosité
Viscosity Sec's/qt.
Perte d'eau
Water Loss c.c./30 min.
Cake de Filtration po.
Filter Cake in.
pH
Autre
Other
Additifs
Additives

TREPANS:
BITS:

No.	2A		
Grandeur Size	8½		
Type	S44		
Intérieur In	61'		
Extérieur Out	running		
Avanc. forage Ftg.			
Hrs.			
Hrs Cum.			
Cum. Hrs.			
Cond.			
Pes. x RPM			
Wt. x RPM	5000-6000	X 65	
Pression Pressure	250		

Remarques: Drilling very rough and hard. Conductor pipe still leaking.
Remarks: 2 hrs. - Working on conductor pipe.
7¼ " - Drilling 8½" hole
1½ " - Building volume in mud tanks
3 " - Cementing conductor pipe.
8 " - W.O.C.
½ " - Surveys.
1 " - Repair swivel union
1 " - Lay down 8½" assembly.

RAPPORT JOURNALIER DE FORAGE
DAILY DRILLING REPORT

NOM DU Puits: SOQUIP LAC NOIR #1, NEIGETTE
 WELL NAME:

DATE: Aug. 28, 1974 JOUR DE FORAGE: 2
DAYS FROM SPUD: 2

PROFONDEUR: 75' pi. PROGRES: 14' pi.
DEPTH: ft. PROGRESS: ft.

ACTIVITE: Work on conductor pipe and repair stand pipe.
ACTIVITY:

Relevés: 45' pi. = 3/4 o; Surveys: ft. = o; pi. = o; .....ft. = o;	pi. = o; .....ft. = o; pi. = o; .....ft. = o;	pi. = o; .....ft. = o; pi. = o;ft. = o;
---	---	---

PROPRIETES DE LA BOUE:
MUD PROPERTIES:

Pesanteur		Lb./Gal.
Weight	air	PPG
Viscosité		
Viscosity		Sec's/qt.
Perte d'eau		
Water Loss		c.c./30 min.
Cake de Filtration		po.
Filter Cake		in.

pH _____
Autre _____
Other _____
Additifs _____
Additives _____

TREPANS :
BITS :

No.	2A		
Grandeur Size	8 $\frac{3}{4}$		
Type Intérieur	S44		
In	61'		
Extérieur			
Out	running		
Avanc. forage			
Ftg.			
Hres			
Hrs.			
Hres Cum.			
Cum. Hrs.			
Cond.			
Pes. x RPM			
Wt. x RPM			
Pression			
Pressure	175		

Conductor pipe leaking.

Remarks: 2½ hrs. - Circulate hole with air.
Remarks: 9 " - Nipple up conductor and pick up 8½" assembly.
9½ " - Drill 8½" hole.
2 " - Repair stand pipe.
1 " - Pump water to build volume.

SOQUIP

RAPPORT JOURNALIER DE FORAGE DAILY DRILLING REPORT

NOM DU PUIT: SOQUIP LAC NOIR #1, NEIGETTE DATE: Aug. 27, 1974 JOUR DE FORAGE: 1
WELL NAME: DATE: DAYS FROM SPUD:

PROFONDEUR: 61' pi. PROGRES: 61' pi.
DEPTH: ft. PROGRESS: ft.

ACTIVITE: 8:00 a.m.: lay down air drilling equipment,
ACTIVITY: nipple up conductor

Relevés: 45' pi. = 3/4 o;	pi. = o;	pi. = o;
Surveys: .....ft. =o;	ft. =o;	ft. =o;
pi. = o;	pi. = o;	pi. = o;
.....ft. =o;	ft. =o;	ft. =o;

PROPRIETES DE LA BOUE:
MUD PROPERTIES:

Pesanteur	Lb./Gal.
Weight	PPG
Viscosité	
Viscosity	Sec's/qt.
Perde d'eau	
Water Loss	c.c./30 min.
Cake de Filtration	po.
Filter Cake	in.

pH	
Autre	
Other	
Additifs	
Additives	

TREPANS:
BITS:

No.	1A		
Grandeur			
Size	12 1/2		
Type	1XG		
Intérieur			
In	0		
Extérieur			
Out	running		
Avanc. forage			
Ftg.			
Hrs.			
Hrs.			
Hrs Cum.			
Cum. Hrs.			
Cond.			
Pes. x RPM			
Wt. x RPM			
Pression			
Pressure	120 air		

IXG serial no.: 122A31-2

Remarques: Spudded 3:00 p.m., aug. 26. 20" conductor set at 22'. K.B. to ground 13.0'.
Remarks:

2	hrs.	- Drilling mouse hole.
6	hrs.	- Prepared to spud
10 1/2	hrs.	- Drilling 12 1/2' hole.
1 1/2	hr.	- Handling air hammer.
3 1/2	hrs.	- Circulate hole with air.
1	hr.	- Surveys.

SOQUIP

RAPPORT JOURNALIER DE FORAGE DAILY DRILLING REPORT

NOM DU Puits: Soquip Lac Noir #1, Neigette DATE: Aug. 26, 1974 JOUR DE FORAGE: 0
WELL NAME: _____ DAYS FROM SPUD: _____

PROFONDEUR: _____ pi. PROGRES: _____ pi.
DEPTH: _____ ft. PROGRESS: _____ ft.

ACTIVITE: Rat Hole complété, Mouse hole en cours; prévisions: spud
ACTIVITY: _____

Relevés: _____ pi. = _____ o;	_____ pi. = _____ o;	_____ pi. = _____ o;
Surveys: .....ft. =o;	ft. =o;	ft. =o;
_____ pi. = _____ o;	_____ pi. = _____ o;	_____ pi. = _____ o;
.....ft. =o;	ft. =o;	ft. =o;

PROPRIETES DE LA BOUE: MUD PROPERTIES:

Pesanteur	Lb./Gal.
Weight	PPG
Viscosité	
Viscosity	Sec's/qt.
Perte d'eau	
Water Loss	c.c./30 min.
Cake de Filtration	po.
Filter Cake	in.
pH	
Autre	
Other	
Additifs	
Additives	

TREPANS: BITS:

No.			
Grandeur			
Size			
Type			
Intérieur			
In			
Extérieur			
Out			
Avanc. forage			
Ftg.			
Hrs			
Hrs.			
Hrs Cum.			
Cum. Hrs.			
Cond.			
Pes. x RPM			
Wt. x RPM			
Pression			
Pressure			

Remarques:
Remarks:

IV

DONNEES DE FORAGE

2) Rapports géologiques journaliers

AGE/WELL SOQUIP LAC NOIR # 1, NEIGETTE
PROFONDEUR/DEPTH de/from 5073 pieds/feet
à/to 5219 pieds/feet

DATE 1er octobre 1974
JOUR DE FORAGE/DAYS FROM SPUD
36

GEOLOGUE/GEOLOGIST J.Y. Lavoie

LITHOLOGIE RESUMEE/LITHOLOGY

5073' à 5180' : 50-80% Siltstone gris intermédiaire légèrement calcaireux.
10-20% Siltstone gris noir légèrement calcaireux.
10% Siltstone gris clair légèrement calcaireux.
5-15% Siltstone blanc à gris verdâtre quartzeux (Traces de quartz).
5180' à 5219' : 60-70% Siltstone gris intermédiaire légèrement calcaireux.
20-30% Siltstone gris clair légèrement calcaireux.
10% Siltstone gris verdâtre légèrement calcaireux.

INDICES ET ESSAIS/SHOWS AND TESTS

PROFONDEUR/CORES

REMARKS

Déviaton 18 1/2°

AGE/WELL SOQUIP LAC NOIR # 1, NEIGETTE
PROFONDEUR/DEPTH de/from 4373 pieds/feet
à/to 5073 pieds/feet

DATE 30 septembre 1974

JOUR DE FORAGE/DAYS FROM SPUD

35

GEOLOGUE/GEOLOGIST J.Y. Lavoie

LITHOLOGIE RESUMEE/LITHOLOGY

4373' à 4920' : 80% Siltstone gris intermédiaire légèrement calcaireux.
10% Siltstone gris clair légèrement calcaireux.
10% Siltstone gris verdâtre quartzeux.

4920' à 5073' : 50-80% Siltstone gris intermédiaire légèrement calcaireux.
20-40% Siltstone gris foncé légèrement calcaireux.
5% Siltstone gris clair légèrement calcaireux.
5-10% Siltstone gris clair verdâtre quartzeux.

INDICES ET ESSAIS/SHOWS AND TESTS

ARTIFELS/CORES

REMARKS

HAGE/WELL SOQUIP LAC NOIR # 1, NEIGETTE
PROFONDEUR/DEPTH de/from 4762 pieds/feet
à/to 4873 pieds/feet

DATE 29 septembre 1974

JOUR DE FORAGE/DAYS FROM SPUD

34

GEOLOGUE/GEOLOGIST J.Y. Lavoie

LITHOLOGIE RESUMEE/LITHOLOGY

4762' à 4873' : 70-80% Siltstone gris intermédiaire légèrement calcaireux.
10-25% Siltstone blanc à gris clair quartzeux légèrement calcaireux.
5% Siltstone gris clair légèrement calcaireux.

INDICES ET ESSAIS/SHOWS AND TESTS

AROTTE / CORES

REMARKS

AGE/WELL SOQUIP LAC NOIR # 1, HEIGETTE
PROFONDEUR/DEPTH de/from 4649 pieds/feet
à/to 4762 pieds/feet

DATE 28 septembre 1974

JOUR DE FORAGE/DAYS FROM SPUD

33GEOLOGUE/GEOLOGIST J.Y. Lavoie

LITHOLOGIE RESUMEE/LITHOLOGY

4649' à 4710' : 85% Siltstone gris intermédiaire calcaireux.
10% Siltstone gris clair calcaireux.
5% Shale gris intermédiaire.

4710' à 4750' : 85% Siltstone gris intermédiaire calcaireux.
10% Siltstone gris clair.
5% Calcite cristalline.

4750' à 4762' : 70-80% Siltstone gris intermédiaire calcaireux.
10-20% Siltstone gris clair calcaireux.
5-10% Siltstone gris clair, quartzeux.
5% Calcaire.

INDICES ET ESSAIS/SHOWS AND TESTS

PROFES/CHES

REMARKS/REMARKS

PAGE/WELL SOQUIP LAC NOIR # 1, NEIGETTE
PROFONDEUR/DEPTH de/from 4533 pieds/feet
à/to 4649 pieds/feet

DATE 27 septembre 1974

JOUR DE FORAGE/DAYS FROM SPUD

32GEOLOGUE/GEOLOGIST J.Y. Lavoie

LITHOLOGIE RESUMEE/LITHOLOGY

4533' à 4649' : 90-95% Siltstone gris intermédiaire légèrement calcaireux.
5-10% Siltstone blanc à gris clair légèrement calcaireux.

INDICES ET ESSAIS/SHOWS AND TESTS

CAROTTES/CORES

REMARKS

AGE/WELL SOQUIP LAC NOIR # 1, NEIGETTE
PROFONDEUR/DEPTH de/from 4318 pieds/feet
à/to 4533 pieds/feet

DATE 26 septembre 1974

JOUR DE FORAGE/DAYS FROM SPUD

31GEOLOGUE/GEOLOGIST J.Y. Lavoie

LITHOLOGIE RESUMEE/LITHOLOGY

- 4318' à 4380' : 80% Siltstone gris verdâtre légèrement calcaireux.
20% Siltstone gris clair légèrement calcaireux.
- 4380' à 4480' : 90% Siltstone gris intermédiaire légèrement calcaireux.
10% Siltstone gris clair légèrement calcaireux.
- 4480' à 4533' : 80% Siltstone gris intermédiaire légèrement calcaireux.
20% Siltstone gris clair légèrement calcaireux.

INDICES ET ESSAIS/SHOWS AND TESTS

CAROTTES/CORES

REMARQUES/REMARKS

ORAGE/WELL SOQUIP LAC NOIR # 1, NEIGETTE
PROFONDEUR/DEPTH de/from 4201 pieds/feet
à/to 4318 pieds/feet

DATE 25 septembre 1974
JOUR DE FORAGE/DAYS FROM SPUD 30
GEOLOGUE/GEOLOGIST Bernard Granger

LITHOLOGIE RESUMEE/LITHOLOGY

4201' à 4318' : 90% Siltstone légèrement calcaireux gris intermédiaire.
10% Siltstone calcaireux gris clair.

INDICES ET ESSAIS/SHOWS AND TESTS

CAROTTES/CORES

REMARKS/REMARKS

Carotte: 4130' à 4190'

DRAGE/WELL SOQUIP LAC NOIR # 1, NEIGETTE
PROFONDEUR/DEPTH de/from 4110 pieds/feet
à/to 4201 pieds/feet

DATE 24 septembre 1974

JOUR DE FORAGE/DAYS FROM SPUD

29

GEOLOGUE/GEOLOGIST _____

LITHOLOGIE RESUMEE/LITHOLOGY

4110' à 4190': Siltstone légèrement calcaireux gris verdâtre à gris foncé.

INDICES ET ESSAIS/SHOWS AND TESTS

CAROTTES/CORES

4131' à 4191': 60' de carotte

REMARQUES/REMARKS

WELL NAME/WELL SOQUIP LAC NOIR # 1, NEIGETTE
PROFONDEUR/DEPTH de/from 3890 pieds/feet
à/to 4110 pieds/feet

DATE 23 septembre 1974
JOUR DE FORAGE/DAYS FROM SPUD 28

GEOLOGUE/GEOLOGIST Bernard Granger

LITHOLOGIE RESUMEE/LITHOLOGY

3890' à 4110' : 90-100% Siltstone légèrement calcaireux gris intermédiaire.
0-10% Siltstone calcaireux blanc à gris pâle.

INDICES ET ESSAIS/SHOWS AND TESTS

CAROTTES/CORES

REMARKS/REMARKS

AGE/WELL SOQUIP LAC NOIR # 1, NEIGETTE
PROFONDEUR/DEPTH de/from 3649 pieds/feet
à/to 3890 pieds/feet

DATE 22 septembre 1974

JOUR DE FORAGE/DAYS FROM SPUD

27GEOLOGUE/GEOLOGIST Bernard Granger

LITHOLOGIE RESUMEE/LITHOLOGY

- 3650' à 3750' : 30-90% Siltstone légèrement calcaireux gris intermédiaire.
20-70% Siltstone légèrement calcaireux gris pâle.
0-10% Siltstone calcaireux blanc à gris pâle.
- 3750' à 3830' : 50-90% Siltstone légèrement calcaireux gris intermédiaire.
10-50% Siltstone légèrement calcaireux gris brunâtre.
0-10% Siltstone légèrement calcaireux gris pâle à blanc, très dur.
- 3830' à 3890' : 100% Siltstone légèrement calcaireux gris intermédiaire.

INDICES ET ESSAIS/SHOWS AND TESTS

CUTTINGS/CORES

REMARKS

AGE/WELL SOQUIP LAC NOIR # 1, NEIGETTE
PROFONDEUR/DEPTH de/from 3405 pieds/feet
à/to 3649 pieds/feet

DATE 21 septembre 1974
JOUR DE FORAGE/DAYS FROM SPUD 26

GEOLOGUE/GEOLOGIST Bernard Granger

LITHOLOGIE RESUMEE/LITHOLOGY

- 3400' à 3610' : 90-100% Siltstone légèrement calcaireux gris intermédiaire.
0-10% Calcaire silteux blanc à gris pâle.
- 3610' à 3650' : 20-60% Siltstone légèrement calcaireux gris intermédiaire.
10-20% Siltstone calcaireux blanc à gris pâle.
30-70% Siltstone légèrement calcaireux blanc à gris verdâtre très dur.

INDICES ET ESSAIS/SHOWS AND TESTS

CAROTTES/CORES

REMARQUES/REMARKS

AGE/WELL SOQUIP LAC NOIR # 1, NEIGETTE
PROFONDEUR/DEPTH de/from 3225 pieds/feet
à/to 3405 pieds/feet

DATE 20 septembre 1974

JOUR DE FORAGE/DAYS FROM SPUD

25GEOLOGUE/GEOLOGIST Bernard Granger

LITHOLOGIE RESUMEE/LITHOLOGY

- 3225' à 3360' : 80-90% Siltstone calcaireux gris intermédiaire.
10-20% Calcaire silteux blanc à gris pâle.
- 3360' à 3390' : 70-80% Siltstone gris intermédiaire légèrement calcaireux.
10-20% Calcaire silteux gris intermédiaire.
10% Calcaire silteux blanc à gris pâle, légèrement calcaireux.
- 3390' à 3405' : 60-80% Siltstone gris foncé légèrement calcaireux.
10-20% Siltstone calcaireux blanc.
20% Calcaire silteux gris intermédiaire.

INDICES ET ESSAIS/SHOWS AND TESTS

CAROTTES/CORES

REMARKS/REMARKS

AGE/WELL SOQUIP LAC NOIR # 1, NEIGETTE
PROFONDEUR/DEPTH de/from 3008 pieds/feet
à/to 3225 pieds/feet

DATE 19 septembre 1974

JOUR DE FORAGE/DAYS FROM SPUD

24GEOLOGUE/GEOLOGIST Bernard Granger

LITHOLOGIE RESUMEE/LITHOLOGY

3000' à 3010' : 50% Calcaire
30% Shale
20% Siltstone

3010' à 3060' : 60-80% Calcaire
20-40% Siltstone et shale

3060' à 3090' : 40% Calcaire
10% Shale
50% Siltstone

3090' à 3180' : 20-30% Dolomie
20-75% Calcaire dolomitique
0-30% Siltstone

3180' à 3225' : 60% Calcaire
10% Dolomie
30% Siltstone

INDICES ET ESSAIS/SHOWS AND TESTS

CAROTTES/CORES

REMARQUES/REMARKS

SAYABEC

DAILY GEOLOGICAL REPORT

FORAGE/WELL SOQUIP LAC NOIR # 1, NEIGETTEDATE 18 septembre 1974PROFONDEUR/DEPTH de/from 2742 pieds/feet

JOUR DE FORAGE/DAYS FROM SPUD

à/to 3008 pieds/feet23GEOLOGUE/GEOLOGIST Jean-Yves Lavoie

LITHOLOGIE RESUMEE/LITHOLOGY

- 2742' à 2810': 70% siltstone gris clair verdâtre calcaireux.
30% siltstone noir.
- 2810' à 2960': 80 - 90% siltstone gris clair verdâtre.
10 - 20% shale silteux calcaireux à calcaire argileux silteux.
- 2960' à 3000': 95% siltstone gris clair verdâtre.
5% calcaire gris clair.
- 3000' à 3008': 50% siltstone gris clair verdâtre.
50% calcaire gris à blanchâtre.

INDICES ET ESSAIS/SHOWS AND TESTS

REMARKS/CORES

REMARKS

DRAGE/WELL SOQUIP LAC NOIR # 1, NEIGETTE
PROFONDEUR/DEPTH de/from 2505 pieds/feet
à/to 2742 pieds/feet

DATE 17 septembre 1974

JOUR DE FORAGE/DAYS FROM SPUD

22GEOLOGUE/GEOLOGIST J.Y. Lavoie

LITHOLOGIE RESUMEE/LITHOLOGY

- 2505' à 2540' : 25% Siltstone calcaireux gris verdâtre.
5% Calcite cristalline.
- 2540' à 2670' : 25% Siltstone calcaireux légèrement argileux gris intermédiaire à gris clair.
5% Shale noir.
- 2670' à 2690' : 80% Siltstone calcaireux gris intermédiaire à gris clair.
20% Shale gris foncé légèrement calcaireux et siltstone.
- 2690' à 2742' : 60% Siltstone calcaireux légèrement argileux gris intermédiaire à gris clair.
40% Siltstone gris foncé légèrement calcaireux et shale.

INDICES ET ESSAIS/SHOWS AND TESTS

CAROTTES/CORES

REMARQUES/REMARKS

FORAGE/WELL SOQUIP LAC NOIR #1, NEIGETTEDATE 16 septembre 1974PROFONDEUR/DEPTH de/from 2360 pieds/feet

JOUR DE FORAGE/DAYS FROM SPUD

à/to 2505 pieds/feet21GEOLOGUE/GEOLOGIST J. Y. Lavoie

LITHOLOGIE RESUMEE/LITHOLOGY

2360' à 2430': 85% siltstone calcaireux gris clair à gris intermédiaire légèrement argileux.

10% anhydrite blanche argileuse.

5% siltstone calcaireux rouge.

2430' à 2460': 95% siltstone calcaireux gris clair à gris intermédiaire légèrement argileux.

5% siltstone calcaireux rouge.

2460' à 2505': 100% siltstone calcaireux gris verdâtre à brun pâle.

INDICES ET ESSAIS/SHOWS AND TESTS

PROCTES/CORES

REMARKS/REMARKS

DRAGE/WELL SOQUIP LAC NOIR # 1, NEIGETTE
PROFONDEUR/DEPTH de/from 2297 pieds/feet
à/to 2360 pieds/feet

DATE 15 septembre 1974
JOUR DE FORAGE/DAYS FROM SPUD 20

GEOLOGUE/GEOLOGIST J.Y. Lavoie

LITHOLOGIE RESUMEE/LITHOLOGY

2297' à 2340' : 85% siltstone calcaireux gris clair à gris intermédiaire.
10% anhydrite blanche légèrement argileuse.
5% siltstone calcaireux brun rougeâtre.

2340' à 2360' : 90% siltstone calcaireux gris clair à gris intermédiaire.
10% anhydrite blanche légèrement argileuse.

INDICES ET ESSAIS/SHOWS AND TESTS

PROFONDEUR/CORES

REMARKS/REMARKS

BORAGE/Well SOQUIP LAC NOIR #1, NEIGETTE

DATE 14 septembre 1974

PROFONDEUR/DEPTH de/from 2209 pieds/feet

JOUR DE FORAGE/DAYS FROM SPUD

à/to 2297 pieds/feet

19

GEOLOGUE/GEOLOGIST J. Y. Lavoie

LITHOLOGIE RESUMEE/LITHOLOGY

- 2209' à 2250': 80% siltstone calcaireux gris clair à gris intermédiaire.
20% anhydrite légèrement argileuse.
- 2250' à 2270': 60% siltstone calcaireux gris clair à gris intermédiaire.
40% anhydrite légèrement argileuse.
- 2270' à 2297': 80% siltstone calcaireux gris clair à gris intermédiaire.
20% anhydrite légèrement argileuse.

INDICES ET ESSAIS/SHOWS AND TESTS

CUTTINGS/CORES

REMARKS

FORAGE/WELL SOQUIP LAC NOIR #1, NEIGETTE
PROFONDEUR/DEPTH de/from 2073 pieds/feet
à/to 2209 pieds/feet

DATE 13 septembre 1974

JOUR DE FORAGE/DAYS FROM SPUD

18GEOLOGUE/GEOLOGIST J. Y. Lavoie

LITHOLOGIE RESUMEE/LITHOLOGY

2073' à 2140': 90% siltstone calcaireux gris clair à gris intermédiaire.
10% anhydrite blanche.

2140' à 2180': 95% siltstone calcaireux gris clair à gris verdâtre.
5% anhydrite blanche.

2180' à 2209': 90% siltstone calcaireux gris clair à gris intermédiaire.
10% shale verdâtre

MOULURES ET ESSAIS/SHOWS AND TESTS

CAROTTES/CORES

REMARKS/REMARKS

siltstone dolomitique et quelquefois trace de dolomie.

AGE/WELL SOQUIP LAC NOIR #1, NEIGETTE
PROFONDEUR/DEPTH de/from 1837 pieds/feet
à/to 2073 pieds/feet

DATE 12 septembre 1974

JOUR DE FORAGE/DAYS FROM SPUD

17GEOLOGUE/GEOLOGIST J. Y. Lavoie

LITHOLOGIE RESUMEE/LITHOLOGY

- 1837' à 1850': 90% siltstone rouge plus ou moins calcaireux.
10% siltstone gris verdâtre calcaireux.
- 1850' à 1870': 85% siltstone gris verdâtre calcaireux.
15% siltstone rouge calcaireux.
- 1870' à 1930': 90% siltstone rouge calcaireux.
10% siltstone gris verdâtre calcaireux.
- 1930' à 1960': 75% siltstone gris verdâtre calcaireux.
25% siltstone rouge calcaireux.
- 1960' à 2010': 95% siltstone gris verdâtre calcaireux.
5% siltstone rouge calcaireux.
- 2010' à 2073': 85% à 90% siltstone gris verdâtre calcaireux.
10% à 20% calcite.

INDICES ET ESSAIS/SHOWS AND TESTS

CAROTTES/CORES

MARQUES/REMARKS

FORAGE/WELL SOQUIP LAC NOIR #1, NEIGETTE

DATE

11 septembre 1974

PROFONDEUR/DEPTH de/from 1622 pieds/feet

JOUR DE FORAGE/DAYS FROM SPUD

à/to 1837 pieds/feet

16

GEOLOGUE/GEOLOGIST J. Y. Lavoie

LITHOLOGIE RESUMEE/LITHOLOGY

1620' à 1660': 65% siltstone calcaireux gris intermédiaire.
35% anhydrite blanc à jaune.

1660' à 1680': 60% siltstone calcaireux gris intermédiaire.
35% siltstone calcaireux brun rougeâtre.
5% calcite cristalline.

1680' à 1750': 60% siltstone calcaireux gris intermédiaire.
35% siltstone calcaireux brun rougeâtre.
5% calcite cristalline.

1750' à 1837': 70% siltstone calcaireux brun rougeâtre.
30% siltstone calcaireux gris intermédiaire.

INDICES ET ESSAIS/SHOWS AND TESTS

CAROTTES/CORES

REMARQUES/REMARKS

FORAGE/WELL SOQUIP LAC NOIR #1, NEIGETTE
PROFONDEUR/DEPTH de/from 1490 pieds/feet
à/to 1622 pieds/feet

DATE 10 septembre 1974
JOUR DE FORAGE/DAYS FROM SPUD 15
GEOLOGUE/GEOLOGIST J. Y. Lavoie

LITHOLOGIE RESUMEE/LITHOLOGY

1490' à 1622': 70% siltstone gris clair à gris intermédiaire, calcaireux.
25 à 30% anhydrite.
0 à 5% calcite cristalline, trace de shale noir.

INDICES ET ESSAIS/SHOWS AND TESTS

CAROTTES/CORES

REMARQUES/REMARKS

AGE/WELL SOQUIP LAC NOIR #1, NEIGETTE
PROFONDEUR/DEPTH de/from 1396 pieds/feet
à/to 1490 pieds/feet

DATE 9 septembre 1974

JOUR DE FORAGE/DAYS FROM SPUD

14GEOLOGUE/GEOLOGIST J. Y. Lavoie

LITHOLOGIE RESUMEE/LITHOLOGY

- 1396' à 1410': 95-100% siltstone calcaireux gris intermédiaire à gris pâle. Shale gris verdâtre.
- 1410' à 1440': 90% siltstone calcaireux gris intermédiaire à gris pâle.
10% Calcite cristall.
- 1440' à 1490': 75% siltstone calcaireux gris intermédiaire.
20% anhydrite gris clair
5% calcite cristall.

INDICES ET ESSAIS/SHOWS AND TESTS

CAROTTES/CORES

REMARKS/REMARKS

AGE/WELL SOQUIP LAC NOIR #1, NEIGETTE
PROFONDEUR/DEPTH de/from 975 pieds/feet
à/to 1396 pieds/feet

DATE 8 septembre 1974
JOUR DE FORAGE/DAYS FROM SPUD 13

GEOLOGUE/GEOLOGIST J. Y. Lavoie

LITHOLOGIE RESUMEE/LITHOLOGY

975' à 1040': 95-100% siltstone calcaireux gris intermédiaire à gris pâle. Un peu de shale et de calcite cristall.
1040' à 1070': 90% siltstone calcaireux gris.
10% calcite cristall.
1070' à 1200': 95-100% siltstone calcaireux gris intermédiaire à gris pâle. Un peu de shale noir et calcite cristall.
1200' à 1270': 90% siltstone calcaireux gris intermédiaire à gris pâle. Un peu de shale noir et calcite cristall.
1270' à 1396': 95-100% siltstone calcaireux gris-vert intermédiaire, shale noir et calcite cristall.

INDICES ET ESSAIS/SHOWS AND TESTS

BOFFES/CORES

REMARKS/REMARKS

FORAGE/WELL SOQUIP LAC NOIR # 1, NEIGETTE
PROFONDEUR/DEPTH de/from 828 pieds/feet
à/to 975 pieds/feet

DATE 7 septembre 1974

JOUR DE FORAGE/DAYS FROM SPUD

12GEOLOGUE/GEOLOGIST J.Y. Lavoie

LITHOLOGIE RESUMEE/LITHOLOGY

828' à 850' : 95% siltstone calcaireux gris intermédiaire.
5% calcite cristalline.

850' à 860' : 100% siltstone calcaireux gris intermédiaire.

860' à 910' : 95% siltstone calcaireux gris intermédiaire.
5% calcite cristalline.

910' à 970' : 95% à 100% siltstone calcaireux gris intermédiaire.
0 à 5% calcite cristalline.

INDICES ET ESSAIS/SHOWS AND TESTS

CAROTTES/CORES

REMARKS/REMARKS

Le forage a commencé à 11:00 p.m.

ORAGE/WELL SOQUIP LAC NOIR #1, NEIGETTE
PROFONDEUR/DEPTH de/from 828 pieds/feet
à/to --- pieds/feet

DATE 6 septembre 1974
JOUR DE FORAGE/DAYS FROM SPUD 11
GEOLOGUE/GEOLOGIST J. Y. Lavoie

LITHOLOGIE RESUMEE/LITHOLOGY

INDICES ET ESSAIS/SHOWS AND TESTS

CAROTTES/CORES

REMARKS/REMARKS

Pas de forage

FORAGE/WELL SOQUIP LAC NOIR #1, NEIGETTE
PROFONDEUR/DEPTH de/from 828 pieds/feet
à/to --- pieds/feet

DATE 5 septembre 1974
JOUR DE FORAGE/DAYS FROM SPUD 10
GEOLOGUE/GEOLOGIST J. Y. Lavoie

LITHOLOGIE RESUMEE/LITHOLOGY

INDICES ET ESSAIS/SHOWS AND TESTS

CAROTTES/CORES

REMARKS/REMARKS

Pas de forage

AGE/WELL SOQUIP LAC NOIR #1, NEIGETTE
ROFONDEUR/DEPTH de/from 570' pieds/feet
à/to 828' piéds/feet

DATE 4 septembre 1974

JOUR DE FORAGE/DAYS FROM SPUD

9GEOLOGUE/GEOLOGIST B. Granger

LITHOLOGIE RESUMEE/LITHOLOGY

570' à 828': siltstone gris calcaireux avec (localement) 5% de shale noir et calcite.

INDICES ET ESSAIS/SHOWS AND TESTS

CAROTTES/CORES

REMARKS/REMARKS

BORAGE/WELL SOQUIP LAC NOIR #1, NEIGETTEDATE 3 septembre 1974PROFONDEUR/DEPTH de/from 370' pieds/feet

JOUR DE FORAGE/DAYS FROM SPUD

à/to 570' pieds/feet8GEOLOGUE/GEOLOGIST B. Granger

LITHOLOGIE RESUMEE/LITHOLOGY

370' à 570': 90 à 95% siltstone gris calcaireux.
5 à 10% shale noir et/ou grès quartzitique

à 530': 10% de calcite.

INDICES ET ESSAIS/SHOWS AND TESTS

CAROTTES/CORES

REMARKS/REMARKS

AGE/WELL SOQUIP LAC NOIR #1, NEIGETTE
PROFONDEUR/DEPTH de/from 212' pieds/feet
à/to 370' pieds/feet

DATE 2 septembre 1974
JOUR DE FORAGE/DAYS FROM SPUD

7

GEOLOGUE/GEOLOGIST B. Granger

LITHOLOGIE RESUMEE/LITHOLOGY

210' à 240': siltstone calcaireux, gris moyen à fin; un peu de shale.
240' à 260': " " ; 20% shale.
260' à 290': " " ; un peu de grès.
290' à 330': 70% siltstone calcaireux; 30% shale.
330' à 340': 60% siltstone; 40% grès.
340' à 370': siltstone calcaireux.

INDICES ET ESSAIS/SHOWS AND TESTS

CAROTTES/CORES

REMARQUES/REMARKS

FORAGE/WELL SOQUIP LAC NOIR #1, NEIGETTE
PROFONDEUR/DEPTH de/from 183' pieds/feet
à/to 212' pieds/feet

DATE 1er septembre 1974

JOUR DE FORAGE/DAYS FROM SPUD

6GEOLOGUE/GEOLOGIST B. Granger

LITHOLOGIE RESUMEE/LITHOLOGY

- 180' à 190': siltstone légèrement calcaireux à calcaireux, argileux, gris clair à gris intermédiaire, grain grossier à fin, localement laminé.
- 190' à 212': siltstone légèrement calcaireux à calcaireux, argileux, gris clair à gris intermédiaire, grain grossier à fin, localement laminé;
shale gris foncé à noir.

INDICES ET ESSAIS/SHOWS AND TESTS

CAROTTES/CORES

REMARKS/REMARKS

FORAGE/WELL SOQUIP LAC NOIR #1, NEIGETTE
PROFONDEUR/DEPTH de/from 127 pieds/feet
à/to 183 pieds/feet

DATE 31 août 1974
JOUR DE FORAGE/DAYS FROM SPUD

5

GEOLOGUE/GEOLOGIST B. Granger

LITHOLOGIE RESUMEE/LITHOLOGY

Siltstone légèrement calcaireux à calcaireux, localement argileux, parfois laminé,
gris clair à gris foncé.

INDICES ET ESSAIS/SHOWS AND TESTS

CAROTTES/CORES

REMARKS/REMARKS

S O Q U I P

RAPPORT GEOLOGIQUE JOURNALIER
DAILY GEOLOGICAL REPORT

FORAGE/WELL SOQUIP LAC NOIR #1, NEIGETTE
PROFONDEUR/DEPTH de/from 99 pieds/feet
à/to 127 pieds/feet

DATE 30 août 1974
JOUR DE FORAGE/DAYS FROM SPUD

4

GEOLOGUE/GEOLOGIST B. Granger

LITHOLOGIE RESUMEE/LITHOLOGY

Siltstone argileux, légèrement calcaireux, gris intermédiaire à gris foncé.

MOICES ET ESSAIS/SHOWS AND TESTS

CAROTTES/CORES

REMARKS/REMARKS

FORAGE/WELL SOQUIP LAC NOIR #1, NEIGETTE
PROFONDEUR/DEPTH de/from 75 pieds/feet
à/to 99 pieds/feet

DATE 29 août 1974
JOUR DE FORAGE/DAYS FROM SPUD

3

GEOLOGUE/GEOLOGIST B. Granger

LITHOLOGIE RESUMEE/LITHOLOGY

INDICES ET ESSAIS/SHOWS AND TESTS

CAROTTES/CORES

REMARKS/REMARKS

DRILLAGE/WELL SOQUIP LAC NOIR #1, NEIGETTE
PROFONDEUR/DEPTH de/from 61 pieds/feet
à/to 75 pieds/feet

DATE 28 août 1974
JOUR DE FORAGE/DAYS FROM SPUD

2

GEOLOGUE/GEOLOGIST B. Granger

LITHOLOGIE RESUMEE/LITHOLOGY

INDICES ET ESSAIS/SHOWS AND TESTS

CAROTTES/CORES

REMARKS/REMARKS

AGE/WELL SOQUIP LAC NOIR #1, NEIGETTE
ROFONDEUR/DEPTH de/from 0 pieds/feet
à/to 61 pièds/feet

DATE 27 août 1974
JOUR DE FORAGE/DAYS FROM SPUD 1
GEOLOGUE/GEOLOGIST B. Granger

LITHOLOGIE RESUMEE/LITHOLOGY

Pas d'échantillon.

INDICES ET ESSAIS/SHOWS AND TESTS

CAROTTES/CORES

REMARKS/REMARKS

Forage à l'air jusqu'à 63'.
Problèmes de déviation.

FORAGE/WELL SOQUIP LAC NOIR # 1, NEIGETTE
PROFONDEUR/DEPTH de/from _____ pieds/feet
à/to _____ pieds/feet

DATE 26 août 1974
JOUR DE FORAGE/DAYS FROM SPUD _____
0
GEOLOGUE/GEOLOGIST B. Granger

LITHOLOGIE RESUMEE/LITHOLOGY

Spud, pas d'échantillon

Complété mouse hole en cours

INDICES ET ESSAIS/SHOWS AND TESTS

CROTTES/CORES

REMARKS/REMARKS

Forage à l'air

Conductor casing

IV

DONNEES DE FORAGE

3) Rapport de déviation :

THORNTON ENGINEERING LTD.

DEVIATION SUMMARY

MEASURED DEPTH	ANGLE	MEASURED DEPTH	ANGLE	MEASURED DEPTH	ANGLE
45'	3/4	2675'	6.3/4	4615'	13.3/4
85'	1/2	2737'	6.7/8	4650'	14
161'	1/4	2799'	7.1/8	4680'	15
230'	1/8	2830'	7.1/4	4776'	15.1/2
380'	3/4	2890'	7.1/2	4810'	15
410'	1/4	2923'	7.5/8	4932'	15.1/8
772'	1/8	2986'	7.7/8	4995'	15.1/2
900'	1/2	3080'	8	5055'	17
1107'	1	3152'	8.1/2	5119'	18
1360'	2.1/2	3233'	8.3/4	5148'	18.3/4
1390'	3	3270'	8.7/8	5210'	18.1/2
1422'	3.1/4	3323'	8.1/2		
1460'	3.3/4	3383'	8.1/4		
1514'	3.1/2	3446'	8.1/2		
1545'	3.1/8	3570'	7.3/4		
1580'	3.1/4	3633'	7.1/2		
1638'	3.1/8	3700'	7.7/8		
1668'	3	3760'	8.1/4		
1760'	2.7/8	3828'	8.7/8		
1886'	2.1/3	3890'	9.1/4		
1949'	2	4069'	9.1/2		
2010'	3.1/4	3950'	9.1/4		
2040	3.7/8	4007'	10		
2060'	3.1/2	4069'	9.1/2		
2092'	3.7/8	4130'	9.1/4		
2134'	4	4190'	10		
2259'	4.7/8	4215'	9.7/8		
2290'	4.3/4	4247'	9.1/2		
2336	5	4308'	10.1/4		
2367'	5.1/8	4370'	10.3/4		
2398'	5	4400'	11		
2505'	5.1/4	4431'	11.7/8		
2556'	5.3/4	4463'	11.3/4		
2590'	5.7/8	4523'	12.1/4		
2620'	6.1/8	4585'	12.7/8		

IV

DONNEES DE FORAGE

4) Rapports d'équipement

[illegible]

THORNTON ENGINEERING LTD.

ENGINEERING PIPE TALLY SHEET

WELL NAME SOQUIP LAC NOIR # 1. DATE 4 September 1974

37	29	38	74						
39	23	32	81						
37	96	29	49						
36	80	39	00*						
38	67								
37	61								
37	36								
31	56								
37	31								
38	31								
33	29								
35	47								
36	19								
37	29								
32	61								
36	35								
39	67								
36	31								
34	49								
38	40								
732	17	140	04						

~~PIPE~~ / CASING
O.D. 9.5/8
Wt. 36
Grade new
Range 3
Thread 8 RD
Collar S
Make N.H.K.G.

SUMMARY	
Col. 1	732 17
2	140 04
3	
4	
5	
	872 21
Fwd.	
Fwd.	
Fwd.	
	872 21
	39 00
	832 21

Talled by: D. Knowles
and driller

24 Tot. Jts. on location
1 Jts. out (Incl. Ldg. Jt.)
23 Jts. perm. in hole

Remarks: Left joint # 24
39.0' on pipe rack.

Agent of Operator D. A. Knowles

SOQUIP LAC NOIR # 1.

Core # 1.

Time	Depth**	Minutes	Pump	Strokes	R.P.M.
6:05	4130		800		60
6:31	4131	26	850		60
6:42	4132	11	850		90
6:57	4133	15	850		90
7:10	4134	13	850		90
7:24	4135	14	850		90
7:38	4136	14	850		90
7:49	4137	11	850		90
8:04	4138	15	850		90
8:17	4139	13	850		90
8:31	4140	14	850		90
8:47	4141	16	850		90
9:00	4142	13	850		90
9:12	4143	12	850		90
9:23	4144	11	850		90
9:35	4145	12	850		90
9:47	4146	12	850		90
9:59	4147	12	850		90
10:10	4148	13	850		90
10:24	4149	14	850		90
10:35	4150	11	850	144	90
10:48	4151	13	850	144	90
11:00	4152	12	850	144	90
11:11	4153	11	850	144	90
11:24	4154	13	850	144	90
11:36	4155	12	850	144	90
11:50	4156	14	850	144	90
12:01	4157	11	850	144	90
12:14	4158	13	850	144	90
12:26	4159	12	850	144	90
12:40	4160	14	850	144	90

cont.

Time	Depth	Minutes	Pump	Strokes	R.P.M.
12:53	4161	13	850	144	90
1:06	4162	6 ^{conn}	850	146	90
1:18	4163	12	850	146	90
1:30	4164	12	850	146	90
1:40	4165	10	850	146	90
1:55	4166	15	850	146	90
2:08	4167	13	850	146	90
2:20	4168	12	850	146	90
2:33	4169	13	850	146	90
2:47	4170	14	850	146	90
3:02	4171	15	850	146	90
3:16	4172	14	850	146	90
3:31	4173	15	850	146	90
3:45	4174	14	850	146	90
3:57	4175	12	850	146	90
4:11	4176	14	850	146	90
4:22	4177	11	850	146	90
4:35	4178	13	850	146	90
4:50	4179	15	850	146	90
5:04	4180	14	850	146	90
5:19	4181	15	850	146	90
5:30	4182	11	850	146	90
5:42	4183	12	850	146	90
5:55	4184	13	850	146	90
6:06	4185	11	850	146	90
6:20	4186	14	850	146	90
6:32	4187	12	850	146	90
6:45	4188	13	850	146	90
6:56	4189	11	850	146	90
7:08	4190	12	850	146	90

**All depths shown are corrected.

IV

DONNEES DE FORAGE

5) Rapports de coffrage et de cimentation

THORNTON ENGINEERING LTD.
RUNNING AND CEMENTING

Surface Casing
~~XXXXXXXXXXXX~~ O.D. 9.5/8
~~XXXXXXXXXXXX~~
~~XXXX~~

GENERAL

Well SOQUIP LAC NOIR # 1. Location St. Marcellin Date 5 September 1974

K.B. Elevation 13.0 K.B.-Csg. Flge. 16.0 Total Depth (Driller) 828

Hole Size	12 $\frac{1}{4}$			Casing In Hole	835.01	
Depth	829			Depth Set	829	

Mud: Type water Wt. 8.33 Visc. 28 W.L. n/c

B.O.P.'s _____

RUNNING

Power Tongs Rope Torque: Max. _____ Nom. _____ Min. _____

Time pipe started _____ Time on Bottom _____ Time Circulated _____

Fill-up Points _____ Btm. by Csg. _____ Ft. up from K.B. _____

Remarks _____

CEMENTING

Cement Co. Dowell Operator Bruce Bee Croft Time on Location 3:45 p.m.

Types & Quantities of Cement Oilwell - 340 sax

_____ Ht. to be Cemented _____

Water ahead 2 bbls. Mix Times: Start 4:10 p.m. Finish 4:30 p.m. Slurry Wt. 15.5

Calc. Disp. 61 bbls. Est. Disp. Time 20 Mins. Start 4:40 p.m. Finish 5:00 p.m.

Max. Pumping Press. 300 Bump. Press 1000 Bumped by Dowell No. Times Bumped 1

Cement Returns: Yes/MX Remarks Approximately 2 barrels

LANDING

Time Landed 5:00 p.m. Date 5 September/74 Init. Wt. of Cem. String (less blocks) _____

Wt. Landed in Slips _____ Make of Bowl _____ Nom. Size _____ Series _____

Slip & Seal Assembly _____ Remarks _____

Agent of Operator D. A. Knowles

CASING INFORMATION

Surface Casing

~~XXXXXXXXXX~~

O.D. 9.5/8

~~XXXXXXXXXX~~~~XXXX~~Well SOUQUIP LAC NOIR # 1. Location St. Marcellin Date 5 September 1974

Jts. on Locat.	Ft. on Locat.	Csg. Wt.	Gr.	Rge.	Thd.	T.&C.	Make	Jts. Run	Depth Landed	Ft. Run in Well
24	872.21	36	new	3	8 rd.	S	NHKG	23	829	833.31

Shoe: Make Davis Type 500 Length

1.70

Collar: Make Davis Type 900F Length

Landing Joint (when used) Length

Overall Length of Casing String

835.01

Feet up from K.B. (Subtract)

6.01

Setting Depth:

By Driller _____ By Tally

829.00

Shoe Joint:

Overall _____ (Subtract)

Float Collar Landed:

By Driller _____ By Tally

791.71

CENTRALIZERS

SCRATCHERS

Make GEMOCO 1310

Make _____

Number ONE

Number _____

Positions 10' up on 1st joint

Positions _____

No. of Collars Welded 2

Remarks: _____

Agent of Operator D. A. Knowles

IV

DONNEES DE FORAGE

6) Rapport d'abandon

THORNTON ENGINEERING LTD. PLUG-BACK AND ABANDONMENT REPORT

Well SOQUIP LAC NOIR #1 NEIGETTE

Location ST. MARCELLIN, QUEBEC PROVINCE

Hole Size	12 $\frac{1}{4}$ "	8 $\frac{3}{4}$ "		
Depth	829'	5219'		

K.B. Elev. 1108'

F.T.D. 5219'

Casing in Hole	Size	Set at	Top of Cement
Surface Casing	9.5/8	829'	Surf.
Production String			

Fluid in Hole water

Plug Back String drillpipe

Service Company Dowell

Cons. Bd. Officer Paul Simard

	Plug #1	Plug #2	Plug #3	Plug #4	Plug #5	Plug #6
Date	Oct. 2	Oct. 2	Oct. 2			
Interval — Top Bottom	5124 T.D.	2455 2550	690 880			
Formation — Name Depth						
Calipered Hole Size (Average)	8.3/4	8.3/4	8.3/4			
Type of Cement	Oilwell Class B	Oilwell Class B	Oilwell Class B			
Number of Sacks	40	40	80			
Additives	neat	neat	3% CaCl ₂			
Bbbs. of Water Ahead	5	5	5			
Displacement — Bbbs. Water Bbbs. Mud	71	34	9			
Slurry Weight	15.6	15.6	15.6			
Mixing Times — Start Finish	02:10 02:25	03:20 03:30	08:05 08:20			
Displacing Times — Start Finish	02:25 02:45	03:30 03:45	08:20 08:30			
Felt Plug Time			4:30			
Felt Plug Depth			740'			

Surface Casing Cut 4 Ft. Below Grd. Surface Plugs 10 Sacks. Plate Welded Yes ☒ No ☐

CASING SALVAGE: Shot off at _____ No. of Jts. Recovered _____

Remarks _____

Agent of Operator D. A. Knowles

ANNEXE A

LITHOLOGIES TYPES

1. Siltstone argileux légèrement calcaireux à calcaireux, gris intermédiaire à gris clair, grain fin à grossier, localement laminé.
2. Calcite cristalline blanche.
3. Shale gris foncé à noir, surface lustrée, débit en feuillets.
4. Grès quartzitique légèrement calcaireux, gris clair à gris clair verdâtre, grain fin à grossier, localement conglomératique, arrondie à sub-arrondie, trie moyen; pas de porosité visible.
5. Calcaire silteux-argileux blanc à blanc jaunâtre, très tendre.
6. Siltstone argileux rouge brique, légèrement calcaireux, grain fin à moyen.
7. Siltstone gris foncé à gris très foncé, légèrement calcaireux.
8. Calcaire silteux et siltstone très calcaireux, gris très clair à blanc.
9. Calcaire silteux à siltstone très calcaireux, dolomitique, gris intermédiaire à gris brunâtre.
10. Siltstone quartzeux blanc à gris clair verdâtre, légèrement calcaireux.
11. Siltstone gris intermédiaire brunâtre, grain moyen à grossier.

"LITHOLOGIES DES RETAILLES"

<u>PROFONDEUR</u>	<u>% ET</u> <u>LITHOLOGIE DE REFERENCE</u>	<u>REMARQUE</u>
80	100 (1)	
90	100 (1)	
100	100 (1)	
110	100 (1)	
120	100 (1)	
130	100 (1)	
140	100 (1)	
150	100 (1)	
160	100 (1)	
170	100 (1)	
180	100 (1)	
190	70 (1) 30 (3)	
200	50 (1) 10 (2) 40 (3)	
210	50 (1) 10 (2) 40 (3)	
220	50 (1) 10 (2) 40 (4)	
230	60 (1) 10 (2) 20 (3) 10 (4)	

240	50 (1)
	10 (2)
	10 (3)
	30 (4)
250	60 (1)
	10 (2)
	20 (3)
	10 (4)
260	80 (1)
	10 (3)
	10 (4)
270	100 (1)
280	90 (1)
	10 (2)
290	80 (1)
	10 (2)
	10 (4)
300	80 (1)
	20 (3)
310	70 (1)
	30 (3)
320	80 (1)
	20 (3)
330	70 (1)
	30 (3)
340	60 (1)
	40 (4)
350	90 (1)
	10 (4)

360	90 (1)	
	10 (3)	
370	90 (1)	
	5 (2)	
	5 (3)	
380	90 (1)	Tr pyrite
	10 (4)	
390	90 (1)	Tr py dans grès quartzi-
	10 (4)	tique
400	90 (1)	
	5 (3)	
	5 (4)	
410	70 (1)	
	10 (2)	
	10 (3)	
	10 (4)	
420	85 (1)	
	5 (3)	
	10 (4)	
430	75 (1)	
	25 (3)	
440	75 (1)	Tr pyrite
	20 (3)	
	5 (4)	
450	85 (1)	
	10 (3)	
	5 (4)	
460	85 (1)	
	5 (2)	
	10 (3)	

470	95 (1) 5 (3)	
480	90 (1) 5 (2) 5 (3)	
490	90 (1) 10 (3)	
500	90 (1) 10 (3)	Contact entre calcite cristalline et siltstone
510	90 (1) 10 (3)	Tr limonite dans siltstone
520	95 (1) 5 (3)	
530	85 (1) 15 (4)	
540	90 (1) 5 (3) 5 (4)	
550	90 (1) 10 (3)	Tr pyrite plus tr limonite
560	95 (1) 5 (3)	
570	95 (1) 5 (3)	Pyrite associée à la calcite
580	95 (1) 5 (2)	Alternance de lits pâle et foncé dans le silt.
590	90 (1) 5 (2) 5 (3)	

600	90 (1) 10 (3)	
610	95 (1) 5 (2)	
620	100 (1)	Tr siltstone brun clair
630	95 (1) 5 (2)	
640	80 (1) 20 (3)	Filonnets de calcite
650	100 (1)	Tr 2, tr siltstone brun clair
660	90 (1) 10 (3)	Tr siltstone brun clair
670	90 (1) 10 (3)	Tr siltstone brun clair
680	85 (1) 15 (3)	
690	95 (1) 5 (3)	
700	90 (1) 5 (2) 5 (3)	
710	95 (1) 5 (2)	
720	95 (1) 5 (2)	
730	95 (1) 5 (3)	Tr calcite (contact avec siltstone)

740	90 (1) 10 (3)	
750	90 (1) 10 (2)	
760	95 (1) 5 (2)	Tr siltstone brun clair
770	95 (1) 5 (2)	Filonnets de calcite (.1 mm), tr py
780	100 (1)	
790	95 (1) 5 (2)	Gaz: 4 units (.04%)
800	90 (1) 10 (2)	
810	100 (1)	
820	100 (1)	
830	90 (1) 10 (2)	
840	95 (1) 5 (2)	*Les lectures élevées de calcimétrie sont principa- lement causées par le ci- ment résiduel à la base
850	95 (1) 5 (2)	
860	100 (1)	Tr de limonite
870	95 (1) 5 (2)	Tr de siltstone brun
880	90 (1) 5 (2) 5 (3)	

890	95 (1) 5 (2)	
900	95 (1) 5 (5)	Tr py alternance de lits dans le siltstone
910	100 (1)	
920	100 (1)	Tr 2
930	95 (1) 5 (2)	
940	100 (1)	Tr 2, petits lits de shale dans le siltstone
950	100 (1)	Tr py
960	95 (1) 5 (2)	
970	100 (1)	Tr 3
980	90 (1) 5 (2) 5 (3)	
990	95 (1) 5 (3)	Tr 2
1000	100 (1)	Tr 2 et tr 3
1010	100 (1)	
1020	95 (1) 5 (3)	
1030	95 (1) 5 (3)	
1040	95 (1) 5 (2)	N.B. Siltstone est plus argileux

1050	90 (1) 10 (2)	
1060	90 (1) 10 (2)	
1070	95 (1) 5 (2)	Tr 3
1080	95 (1) 5 (3)	
1090	100 (1)	
1100	100 (1)	
1110	95 (1) 5 (2)	Tr quartz anguleux
1120	90 (1) 10 (3)	
1130	95 (1) 5 (2)	
1140	100 (1)	
1150	100 (1)	
1160	90 (1) 10 (3)	Tr 2
1170	90 (1) 10 (2)	
1180	100 (1)	Tr 2
1190	100 (1)	Tr 2
1200	90 (1) 10 (2)	

1210	90 (1) 10 (2)	
1220	95 (1) 5 (2)	
1230	90 (1) 10 (2)	
1240	80 (1) 20 (2)	Contact calcite avec siltstone
1250	90 (1) 10 (2)	
1260	90 (1) 10 (2)	
1270	100 (1)	
1280	95 (1) 5 (2)	
1290	95 (1) 5 (2)	Shale interlité dans siltstone (tr)
1300	100 (1)	Tr 2
1310	100 (1)	Tr 2
1320	95 (1) 5 (2)	Tr 3
1330	90 (1) 10 (3)	Tr 2
1340	100 (1)	
1350	100 (1)	Tr 3
1360	95 (1) 5 (3)	Tr 2

1370	95 (1) 5 (3)	Tr 2
1380	100 (1)	
1390	100 (1)	Tr 2
1400	95 (1) 5 (2)	
1410	90 (1) 10 (2)	Tr 5
1420	90 (1) 5 (2) 5 (5)	
1430	90 (1) 5 (2) 5 (5)	
1440	85 (1) 15 (5)	
1450	85 (1) 15 (5)	Tr py (cubes) siltstone est plus calcaireux
1460	80 (1) 20 (5)	Tr 2
1470	80 (1) 5 (2) 15 (5)	
1480	70 (1) 5 (2) 25 (5)	
1490	75 (1) 5 (2) 20 (5)	

1500	70 (1)	
	30 (5)	
1510	65 (1)	
	35 (5)	
1520	70 (1)	
	5 (2)	
	25 (5)	
1530	70 (1)	Tr py
	5 (2)	
	25 (5)	
1540	65 (1)	
	35 (5)	
1550	70 (1)	
	30 (5)	
1560	65 (1)	Remarque: l'anhydrite
	35 (5)	prend une teinte jaunâtre
		due au frottement contre
		le trépan
1570	60 (1)	Tr 2
	40 (5)	
1580	60 (1)	Tr 2
	40 (5)	
1590	55 (1)	
	5 (3)	
	40 (5)	
1600	60 (1)	Tr 2
	5 (3)	
	35 (5)	

1610	60 (1)	Tr 2
	5 (2)	
	35 (5)	
1620	70 (1)	Tr 2, tr 3
	30 (5)	
1630	60 (1)	
	40 (5)	
1640	55 (1)	
	45 (5)	
1650	70 (1)	
	5 (2)	
	30 (5)	
1660	85 (1)	
	5 (2)	
	10 (5)	
1670	85 (1)	
	5 (2)	
	10 (5)	
1680	85 (1)	La lithologie devient gris-brunâtre mais con- serve les mêmes consti- tuants
	5 (2)	
	5 (5)	
	5 (6)	
1690	85 (1)	Tr 2, tr 3
	10 (2)	
	5 (6)	
1700	85 (1)	
	5 (2)	
	5 (5)	
	5 (6)	

1710	65 (1) 5 (2) 30 (6)	Tr 5
1720	20 (1) 5 (2) 75 (5)	
1730	95 (1) 5 (6)	
1740	95 (1) 5 (2)	Tr 6
1750	90 (1) 5 (2) 5 (6)	
1760	80 (1) 20 (6)	Tr 2
1770	90 (1) 10 (6)	Tr 2, tr 5
1780	90 (1) 5 (2) 5 (6)	Tr 5
1790	90 (1) 5 (2) 5 (6)	Tr 5
1800	30 (1) 5 (2) 65 (6)	
1810	35 (1) 65 (6)	Tr 2, tr 5
1820	25 (1) 75 (6)	Tr 2

1830	10 (1) 90 (6)	
1840	10 (1) 90 (6)	
1850	75 (1) 5 (2) 20 (6)	
1860	90 (1) 10 (6)	Tr 2
1870	30 (1) 5 (5) 65 (6)	Tr 2
1880	50 (1) 5 (2) 45 (6)	Tr 5
1890	5 (1) 95 (6)	
1900	5 (1) 95 (6)	Tr 2
1910	95 (1) 5 (6)	Gaz: 2 units
1920	10 (1) 90 (6)	Gaz: 2 units
1930	70 (1) 30 (6)	Tr 2, gaz: 4 units
1940	75 (1) 25 (6)	Gaz: 4 units

1950	85 (1) 5 (5) 10 (6)	Gaz: 4 units
1960	95 (1) 5 (6).	Gaz: 2 units
1970	95 (1) 5 (6)	Tr 5, gaz: 2 units
1980	95 (1) 5 (6)	
1990	95 (1) 5 (6)	Tr 5
2000	95 (1) 5 (5)	
2010	90 (1) 10 (2)	Gaz: 2 units
2020	90 (1) 5 (2) 5 (6)	Gaz: 2 units, Tr 5
2030	90 (1) 10 (2)	Gaz: 1 unit
2040	90 (1) 5 (2) 5 (5)	Gaz: 2 units
2050	75 (1) 25 (2)	Gaz: 1 unit Tr dolomie
2060	70 (1) 30 (2)	
2070	80 (1) 10 (2) 10 (5)	Tr dolomie

2080	75 (1) 5 (2) 15 (5) 5 (6)	
2090	90 (1) 10 (5)	Tr 3, tr dolomie
2100	90 (1) 10 (5)	Tr dolomie
2110	95 (1) 5 (5)	Tr dolomie
2120	95 (1) 5 (5)	Tr dolomie
2130	90 (1) 10 (5)	Tr dolomie, tr 2
2140	95 (1) 5 (5)	Tr 2, tr 6, tr dolomie
2150	90 (1) 5 (2) 5 (5)	Tr dolomie, tr 6; silt- stone semble plus dolo- mitique
2160	95 (1) 5 (5)	Tr 6
2170	90 (1) 5 (2) 5 (5)	Tr 6, tr 3
2180	90 (1) 5 (2) 5 (3)	Tr 5, tr 3
2190	85 (1) 15 (3)	Contact entre shale vert et calcite cristalline, tr limonite, tr 5, tr 6

2200	80 (1)	Tr 6
	5 (2)	
	10 (3)	
	5 (5)	
2210	90 (1)	Tr grès très friable
	5 (5)	
	5 (6)	
2220	95 (1)	Tr 6
	5 (5)	
2230	75 (1)	Anhydrite légèrement silteuse
	20 (5)	
	5 (6)	
2240	80 (1)	Tr 6
	20 (5)	
2250	60 (1)	
	40 (5)	
2260	55 (1)	
	40 (5)	
	5 (6)	
2270	75 (1)	
	20 (5)	
	5 (6)	
2280	75 (1)	
	5 (3)	
	20 (5)	
2290	80 (1)	Tr 6
	5 (3)	
	10 (5)	
	5 (6)	

2300	85 (1)	Tr gypse
	10 (5)	
	5 (6)	
2310	85 (1)	Présence d'huile due au mauvais fonctionne- ment de la pompe
	5 (3)	
	5 (5)	
	5 (6)	
2320	95 (1)	
	5 (5)	
2330	80 (1)	Tr 6, tr 2
	10 (3)	
	10 (5)	
2340	90 (1)	
	5 (5)	
	5 (6)	
2350	95 (1)	Tr 2, tr 3, tr 5
	5 (6)	
2360	80 (1)	
	15 (5)	
	5 (6)	
2370	80 (1)	
	5 (2)	
	10 (5)	
	5 (6)	
2380	85 (1)	Tr shale brun silteux
	5 (2)	
	5 (5)	
	5 (6)	
2390	85 (1)	Tr 2
	15 (5)	

2400	70 (1) 5 (2) 10 (3) 10 (5) 5 (6)	
2410	80 (1) 5 (3) 10 (5) 5 (6)	Tr siltstone brunâtre non calcaireux, tr 2
2420	85 (1) 15 (5)	Tr 3
2430	85 (1) 10 (5) 5 (6)	Tr 2
2440	95 (1) 5 (6)	Tr 2, tr 5
2450	95 (1) 5 (6)	Tr 2
2460	95 (1) 5 (2)	Tr siltstone violacé, tr gypse pur
2470	100 (1)	Tr 2, tr 6
2480	100 (1)	Tr 2
2490	100 (1)	Tr 2, tr py, tr 6
2500	95 (1) 5 (6)	Siltstone brun (10%)
2510	95 (1) 5 (2)	Tr 5, tr siltstone gréseux (verdâtre)
2520	95 (1) 5 (2)	Tr siltstone violacé, tr 6

2530	95 (1) 5 (2)	
2540	95 (1) 5 (2)	
2550	100 (1)	Tr 2
2560	100 (1)	
2570	100 (1)	
2580	100 (1)	Tr 5
2590	95 (1) 5 (5)	Tr 2
2600	95 (1) 5 (3)	
2610	100 (1)	
2620	100 (1)	Tr 3, tr ?
2630	100 (1)	Tr siltstone violacé
2640	95 (1) 5 (3)	Tr 2
2650	100 (1)	Remarque: la litho. 1 est quelquefois gris-noir et plus argileuse
2660	100 (1)	Tr grès, tr 2, tr 6
2670	85 (1) 15 (7)	
2680	75 (1) 5 (2) 20 (7)	

2690	60 (1)
	40 (7)
2700	60 (1)
	40 (7)
2710	75 (1)
	25 (7)
2720	90 (1)
	10 (7)
2730	60 (1)
	40 (7)
2740	70 (1)
	30 (7)
2750	40 (1)
	60 (7)
2760	60 (1)
	40 (7)
2770	80 (1)
	20 (7)
2780	85 (1)
	15 (7)
2790	90 (1)
	10 (7)
2800	90 (1)
	10 (7)
2810	95 (1)
	5 (7)
2820	45 (1)
	50 (3)
	5 (7)

Tr py

Tr shale noir cal-
careux

2830	90 (1)	
	10 (3)	
2840	85 (1)	
	15 (3)	
2850	75 (1)	
	25 (3)	
2860	55 (1)	Tr py, gaz: 2 units
	25 (3)	
	20 (7)	
2870	80 (1)	Tr py, gaz: 2 units
	20 (3)	
2880	80 (1)	Tr py, tr 2
	20 (3)	
2890	95 (1)	Gaz: 4 units
	5 (3)	
2900	95 (1)	Gaz: 2 units
	5 (3)	
2910	90 (1)	
	10 (3)	
2920	100 (1)	Tr py
2930	15 (1)	
	5 (2)	
	80 (3)	
2940	90 (1)	
	10 (3)	
2950	65 (1)	
	5 (2)	
	30 (6)	

2960	90 (1) 5 (2) 5 (8)	Tr calcaire brun-clair
2970	95 (1) 5 (8)	Tr calcaire brun-clair, tr 6
2980	90 (1) 10 (8)	Tr 2, tr 6
2990	80 (1) 5 (2) 15 (8)	
3000	40 (1) 20 (7) 40 (8)	
3010	20 (1) 10 (3) 10 (8) 60 (9)	
3020	20 (1) 10 (3) 20 (8) 50 (9)	
3030	10 (1) 10 (8) 80 (9)	Tr 2
3040	10 (1) 10 (8) 80 (9)	
3050	10 (8) 90 (9)	

3060	10 (3)
	10 (7)
	10 (8)
	70 (9)
3070	10 (8)
	90 (9)
3080	10 (8)
	90 (9)
3090	10 (8)
	90 (9)
3100	10 (8)
	90 (9)
3110	10 (8)
	90 (9)
3120	20 (8)
	80 (9)
3130	10 (8)
	90 (9)
3140	20 (8)
	80 (9)
3150	20 (8)
	80 (9)
3160	20 (8)
	80 (9)
3170	20 (8)
	80 (9)
3180	20 (8)
	80 (9)

3190	20 (8)
	80 (9)
3200	10 (8)
	90 (9)
3210	10 (8)
	90 (9)
3220	20 (8)
	80 (9)
3230	20 (8)
	80 (9)
3240	20 (8)
	80 (9)
3250	20 (8)
	80 (9)
3260	20 (8)
	80 (9)
3270	20 (8)
	80 (9)
3280	20 (8)
	80 (9)
3290	10 (8)
	90 (9)
3300	10 (8)
	90 (9)
3310	10 (8)
	90 (9)
3320	10 (8)
	90 (9)
3330	20 (8)
	80 (9)

3340	20 (8) 80 (9)	Tr 7
3350	20 (8) 80 (9)	
3360	20 (1) 20 (8) 60 (9)	
3370	70 (1) 10 (8) 20 (9)	
3380	80 (1) 10 (8) 10 (9)	
3390	10 (1) 10 (8) 80 (9)	
3400	10 (1) 80 (7) 10 (8)	
3410	60 (1) 30 (7) 10 (8)	
3420	80 (1) 10 (7) 10 (8)	
3430	90 (1) 10 (8)	Tr 7

3440	90 (1) 10 (8)	
3450	90 (1) 10 (8)	
3460	100 (1)	Tr 8
3470	90 (1) 10 (8)	
3480	90 (1) 10 (8)	
3490	100 (1)	Tr 8
3500	80 (1) 10 (2) 10 (8)	
3510	90 (1) 10 (8)	
3520	100 (1)	Tr 8
3530	100 (1)	Tr 8
3540	100 (1)	
3550	100 (1)	
3560	100 (1)	Tr 8
3570	90 (1) 10 (8)	
3580	90 (1) 10 (8)	
3590	90 (1) 10 (8)	
3600	90 (1) 10 (8)	

3610	60 (1)
	10 (8)
	30 (10)
3620	20 (1)
	20 (8)
	60 (10)
3630	20 (1)
	10 (8)
	70 (10)
3640	50 (1)
	10 (8)
	40 (10)
3650	50 (1)
	10 (8)
	40 (10)
3660	70 (1)
	10 (8)
	20 (10)
3670	90 (1)
	10 (8)
3680	60 (1)
	10 (8)
	30 (10)
3690	70 (1)
	10 (8)
	20 (10)
3700	80 (1)
	10 (8)
	10 (10)
3710	90 (1)
	10 (8)

3720	100 (1)	
3730	100 (1)	Litho. 1
3740	90 (1)	
	10 (8)	
3750	100 (1)	
3760	50 (1)	
	50 (11)	
3770	50 (1)	
	50 (11)	
3780	50 (1)	
	50 (11)	
3790	90 (1)	
	10 (11)	
3800	60 (1)	
	10 (10)	
	30 (11)	
3810	80 (1)	
	10 (10)	
	10 (11)	
3820	70 (1)	
	20 (10)	
	10 (11)	
3830	80 (1)	
	10 (10)	
	10 (11)	
3840	90 (1)	
	10 (10)	

3850	100 (1)
3860	100 (1)
3870	100 (1)
3880	100 (1)
3890	90 (1) 10 (8)
3900	100 (1)
3910	100 (1)
3920	90 (1) 10 (8)
3930	90 (1) 10 (8)
3940	90 (1) 10 (8)
3950	90 (1) 10 (8)
3960	90 (1) 10 (8)
3970	90 (1) 10 (8)
3980	100 (1)
3990	90 (1) 10 (8)
4000	90 (1) 10 (8)
4010	100 (1)

4020	80 (1)	
	10 (2)	
	10 (8)	
4030	90 (1)	
	10 (8)	
4040	90 (1)	
	10 (8)	
4050	90 (1)	
	10 (8)	
4060	90 (1)	
	10 (8)	
4070	90 (1)	
	10 (8)	
4080	90 (1)	
	10 (8)	
4090	30 (1)	
	10 (8)	
4100	90 (1)	
	10 (8)	
4110	100 (1)	
4120	100 (1)	
4130	100 (1)	
4140	10 (1)	
	90 (7)	
4150	10 (1)	Carotte
	90 (7)	
4160	50 (1)	Carotte
	50 (7)	

4170	30 (1) 70 (7)	Carotte
4180	10 (1) 90 (7)	Carotte
4190	50 (1) 50 (7)	Carotte
4200	50 (1) 50 (7)	Carotte
4210	90 (1) 10 (8)	
4220	90 (1) 10 (8)	
4230	90 (1) 10 (8)	
4240	90 (1) 10 (8)	
4250	90 (1) 10 (8)	
4260	90 (1) 10 (8)	
4270	90 (1) 10 (8)	
4280	90 (1) 10 (8)	
4290	90 (1) 10 (8)	
4300	90 (1) 10 (8)	

4310	85 (1) 15 (8)	
4320	85 (1) 15 (8)	
4330	90 (1) 10 (8)	
4340	85 (1) 15 (8)	
4350	80 (1) 20 (8)	Tr py
4360	90 (1) 10 (8)	
4370	90 (1) 10 (8)	
4380	95 (1) 5 (8)	
4390	95 (1) 5 (8)	Tr 9
4400	90 (1) 5 (2) 5 (8)	
4410	90 (1) 10 (8)	Tr 2
4420	95 (1) 5 (8)	
4430	95 (1) 5 (8)	
4440	95 (1) 5 (8)	Tr limonite

4450	90 (1) 10 (8)	
4460	90 (1) 10 (8)	Tr 6
4470	90 (1) 10 (8)	
4480	80 (1) 20 (8)	Tr 6
4490	85 (1) 15 (8)	
4500	80 (1) 20 (8)	
4510	80 (1) 20 (8)	
4520	90 (1) 10 (8)	
4530	80 (1) 10 (7) 10 (8)	Tr 2, tr py
4540	90 (1) 10 (8)	
4550	90 (1) 10 (8)	Tr 10, gaz: .04%
4560	90 (1) 10 (8)	Gaz: .06%
4570	95 (1) 5 (8)	Gaz: .06%
4580	95 (1) 5 (8)	Tr py, tr 10, gaz: .06%

4590	95 (1) 5 (8)	Tr 10, gaz: .06%
4600	80 (1) 20 (8)	Gaz: .06%
4610	80 (1) 10 (7) 10 (8)	Gaz: .06%
4620	90 (1) 10 (8)	Tr py, gaz: .04%
4630	85 (1) 5 (2) 10 (8)	Gaz: .04%
4640	90 (1) 10 (8)	Tr py, gaz: .04%
4650	90 (1) 10 (8)	Gaz: .04%
4660	85 (1) 5 (7) 10 (8)	Tr py, gaz: .04%
4670	80 (1) 15 (8) 5 (9)	Tr 2, gaz: .04%
4680	90 (1) 10 (8)	
4690	85 (1) 5 (3) 10 (8)	
4700	80 (1) 10 (3) 10 (8)	

4710	85 (1)	
	5 (2)	
	10 (8)	
4720	80 (1)	Présence calcite due aux fractures (entre calcite et siltstone)
	10 (2)	
	10 (8)	
4730	75 (1)	Tr de grains de quartz isolés, tr py
	25 (8)	
4740	85 (1)	Tr grains de quartz
	10 (2)	
	5 (8)	
4750	65 (1)	
	5 (2)	
	20 (8)	
	10 (10)	
4760	75 (1)	Tr quartz
	5 (8)	
	20 (10)	
4770	70 (1)	
	10 (8)	
	20 (10)	
4780	75 (1)	
	20 (8)	
	5 (10)	
4790	55 (1)	
	5 (8)	
	40 (10)	
4800	70 (1)	
	5 (8)	
	25 (10)	

4810	85 (1)	
	5 (8)	
	10 (10)	
4820	85 (1)	
	5 (8)	
	10 (10)	
4830	75 (1)	
	5 (8)	
	20 (10)	
4840	70 (1)	
	5 (8)	
	25 (10)	
4850	65 (1)	Tr py
	5 (8)	
	30 (10)	
4860	80 (1)	Ct entre quartz et silt-
	5 (8)	stone
	15 (10)	
4870	85 (1)	
	5 (8)	
	10 (10)	
4880	80 (1)	
	10 (8)	
	10 (10)	
4890	80 (1)	
	10 (8)	
	10 (10)	
4900	80 (1)	
	5 (8)	
	15 (10)	

4910	90 (1) 5 (8) 5 (10)	
4920	60 (1) 25 (7) 5 (8) 10 (10)	
4930	70 (1) 15 (7) 5 (8) 10 (10)	
4940	75 (1) 5 (7) 10 (8) 10 (10)	
4950	90 (1) 5 (8) 5 (10)	
4960	85 (1) 5 (8) 10 (10)	Tr 2
4970	85 (1) 10 (8) 5 (10)	Tr gr quartz
4980	70 (1) 20 (7) 5 (8) 5 (10)	
4990	85 (1) 5 (8) 10 (10)	

5000	80 (1)
	10 (7)
	10 (8)
5010	75 (1)
	10 (7)
	10 (8)
	5 (10)
5020	70 (1)
	20 (7)
	5 (8)
	5 (10)
5030	50 (1)
	40 (7)
	5 (8)
	5 (10)
5040	50 (1)
	40 (7)
	5 (8)
	5 (10)
5050	65 (1)
	30 (7)
	5 (8)
5060	55 (1)
	5 (2)
	30 (7)
	5 (8)
	5 (10)
5070	60 (1)
	5 (2)
	30 (7)
	5 (8)

Ct calcite et siltstone

5080	40 (1)	
	5 (2)	
	40 (7)	
	5 (8)	
5090	50 (1)	
	40 (7)	
	5 (8)	
	5 (10)	
5100	60 (1)	Tr py
	30 (7)	
	5 (8)	
	5 (10)	
5110	65 (1)	
	10 (7)	
	10 (8)	
	15 (10)	
5120	65 (1)	Tr facies de quartz
	10 (7)	
	15 (8)	
	10 (10)	
5130	60 (1)	Tr facies de quartz
	20 (7)	
	10 (8)	
	10 (10)	
5140	75 (1)	Tr facies de quartz
	10 (7)	
	10 (8)	
	5 (10)	
5150	80 (1)	
	5 (7)	
	10 (8)	
	5 (10)	

5160	70 (1)	
	10 (7)	
	10 (8)	
	10 (10)	
5170	60 (1)	
	10 (7)	
	20 (8)	
	10 (10)	
5180	50 (1)	
	5 (7)	
	30 (8)	
	15 (10)	
5190	60 (1)	Tr quartz et tr dolomie
	30 (8)	
	10 (10)	
5200	70 (1)	Tr quartz et tr dolomie
	20 (8)	
	10 (10)	
5210	75 (1)	Tr dolomie, tr py
	5 (7)	
	10 (8)	
	10 (10)	
5217	65 (1)	
	5 (7)	
	20 (8)	
	10 (10)	

ANNEXE B

SOQUIP

Core Lab	B. GRANGER
Date: 25/09/1974	Échelle: 10' = 1"
Diamètre: 4" Profondeur: 4130' - 4190' Longueur prévue: 60' Récupération: 58' 4"	

ANALYSE DE CAROTTE

Puits: SOQUIP LAC NOIR # 1
NEIGETTE

No. de Carotte: 1

Permis:

CALCIMÉTRIE DOLOMÉTRIE	POROSITÉ	PERMÉABILITÉ	INDICES	PROFONDEURS	LITHOLOGIE	DESCRIPTION & REMARQUES
16/20				4130		
16/18				4140		Laminé
18/18				4150		
14/16				4160		
14/16				4170		
16/17				4180		Quatre (4) pouces de calcite cristalline et de siltstone calcaireux gris clair.
18/13				4190		

pas visible

pas d'indice

SPECIFICATION: Obturateur anti-éruption

~~1 - 12" (3003) 900 séries Hydril for surface hole.~~

Below surface 1 - 12" 900 séries Hydril with 1-double gate

Cameron - 900 séries

1 pipe rams & blind rams

* 900 séries means: 6,000# pds test - 3,000# working press

CONCESSION

Arthur

C-91

Lac Poincarre
FORESTIÈRE

Lac Noir

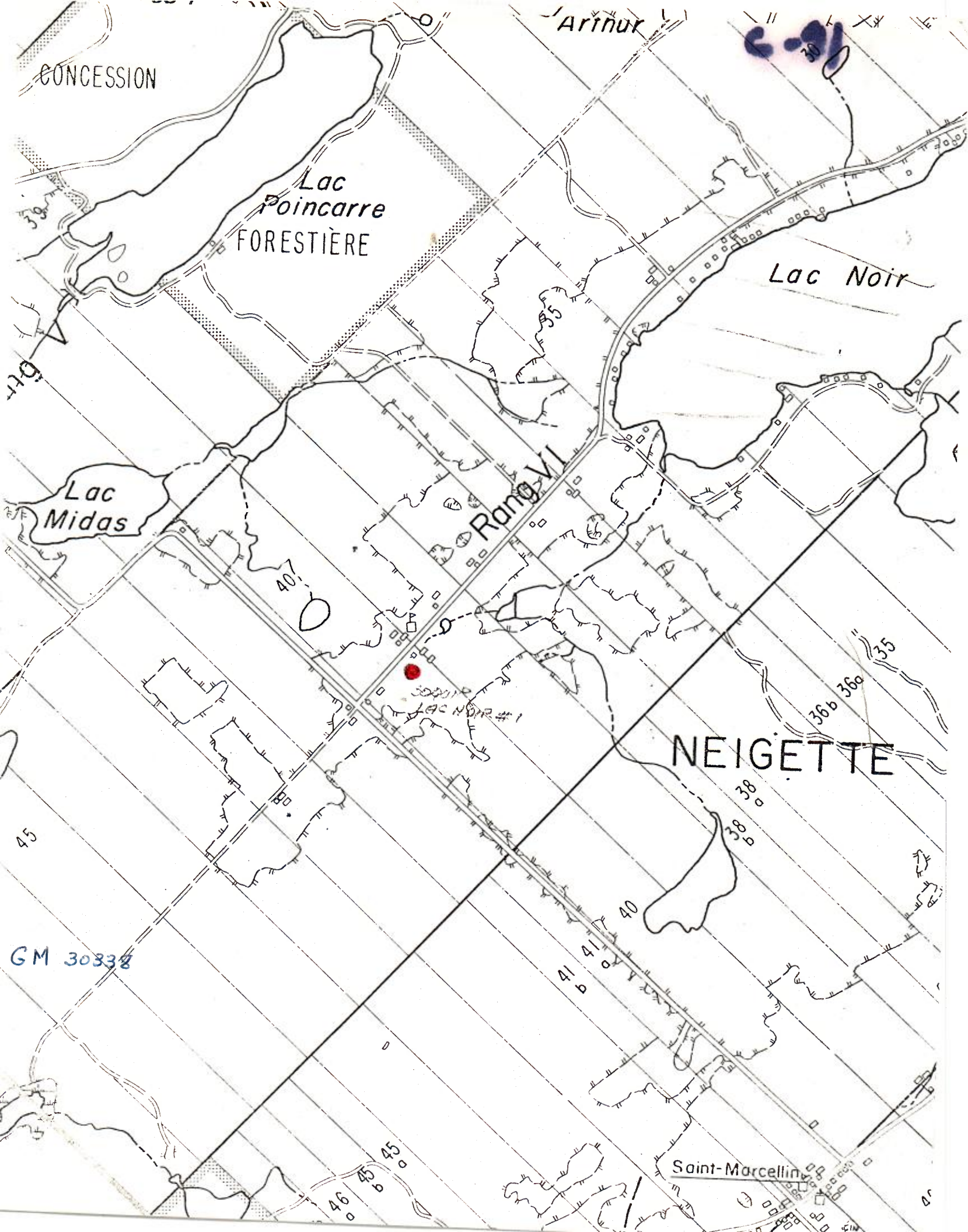
Lac Midas

Rang VI

NEIGETTE

Saint-Marcellin

GM 30338



Loi des Mines

C-91

DEMANDE DE PERMIS POUR LE FORAGE D'UN NOUVEAU PUIT

(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 présentée au

Ministère des Richesses Naturelles, Québec

SERVICE DE LA
DOCUMENTATION TECHNIQUE

Date: 3- MAI 1976

No GM: 30338

SOQUIP LAC NOIR # 1, NEIGETTE

(Nom & numéro du puits)

par

SOCIETE QUEBECOISE D'INITIATIVES PETROLIERES

(Nom & adresse du propriétaire du puits)

3340, DE LA PERADE, STE-FOY, PQ. GLX 2N7

Sur le lot No 40 Rang VI CANTON NEIGETTE

ou comté de RIMOUSKI Paroisse ST-MARCELLIN

Permis..... () No. 394.....

couvert par bail..... () No.....

Le puits proposé sera situé à 68° 18'42" et 48° 21'03"

(Coordonnées appropriées)

Altitude du terrain 1037 pieds au-dessus du niveau de la mer

Type d'appareil de forage ROTATIF neuf ou usagé USAGE

TUBAGE:	Diamètre	Poids	Grade	Marcue	neuf ou usagé	profondeur en pieds	sacs de ciment
1er	9-5/8	36'	K-55	ST-C	NEUF	800	500

2ème NEIL Si juger nécessaire au cours du

3ème forage

4ème

5ème

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

INCONNU, AUCUN CONTRÔLE POSSIBLE DANS REGION IMMEDIATE

PROFONDEUR MAXIMUM 8,000 PIEDS

METHODE DE CONTRÔLE, BOUE, DEGAGEUR, OBTURATEUR ANTI-ERUPTION (METHODE DE CONTRÔLE, CI-ATTA-CHE.

Le puits sera foré par REGENT DRILLING LTD

(Nom du contracteur)

Nom & adresse de l'agent
ou du représentant de l'exploitant

HAROLD THORNTON

THORNTON ENGINEERING

915, 8th AVENUE S.W. CALGARY (ALTA)

Nom de l'exploitant

SOCIETE QUEBECOISE D'INITIATIVES

PETROLIERES

Signé par F. AUBIN

Titre Chef du Domaine Minier

Date 20 août, 1974

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

Permis No 91 (Garantie)

Cette demande a été examinée et approuvée sous la réserve des conditions suivantes

Date 26/08/74 19

Ministère des Richesses Naturelles.

MINISTÈRE DES RICHESSES NATURELLES

LOI DES MINES

DEMANDE DE PERMIS POUR LE FORAGE D'UN NOUVEAU Puits

C-91

GM-30338

(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 Lac Noir #1 NEIGETTE

(Nom & numéro du puits)

Soquip, 3340, de la Pérade, Sainte-Foy

(Nom & adresse du propriétaire du puits)

Sur le lot no 40Rang VIou ~~comté~~ ^{Santon} de NeigetteParoisse Rimouski St MarcellinComté de RimouskiPermis () no 394couvert par bail () no préliminaireLe puits proposé sera situé à 68° 18' 50" et 48° 21' 05"

(coordonnées appropriées)

Altitude du terrain 1095' pieds au dessus du niveau de la merType d'appareil de forage Regent 22 neuf ou usagé usagé

TUBAGE:	Diamètre	Poids	Grade	Marque	Neuf ou usagé	Profondeur en pieds	Sacs de ciment
1er	9 5/8"	36#			neuf	800'	500
2ième							
3ième							
4ième							
5ième							

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

Horizons inconnus, boue et BOP

Le puits sera foré par Regent Drilling

(Nom du contracteur)

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

Nom de l'exploitant:

SoquipSigné par Van OrkTitre Chef GéologueDate 8 août 1974

Voir copie du 20 août 74

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

APPROUVE

Permis no _____

Cette demande a été examinée et approuvée sous la réserve des conditions suivantes:

conditions tel qu'indiqués dans la lettre.Date 13 - 08 19 74Robert P. Lamer
Ministère des Richesses Naturelles

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

Au sous-ministre,
Ministère des Richesses naturelles, Québec.

Nous déclarons par la présente nous être conformés aux "Règlements régissant l'exploration et la conservation du pétrole et du gaz naturel et la sécurité dans les travaux s'y rapportant", et nous désirons obtenir la permission d'abandonner (X) ou de suspendre les travaux de forage (), le ou vers le 2ème jour de octobre 1974, sur le puits connu comme SOQUIP Lac Noir No 1 (Neigette) No. sur le lot No. 40 Rang VI Canton ou seigneurie Paroisse St-Marcellin Comté Rimouski

Couvert par: Permis de recherche No. 394 Bail d'Exploration No. Permis de forage No. C 91

Raisons d'abandon ou de suspension du forage: N'a pas atteint les objectifs principaux et aucun intérêt quant à l'accumulation d'hydrocarbures.

L'équipement suivant: (appareil, chevalement, tubage) sera déménagé à SOQUIP et al Villeroy No 2

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

Pétrole: Bouchon No 1: 5219 - 5124 pi
No 2: 2455 - 2550 pi
Gaz: No 3: 690 - 880 pi
Eau:

Le pétrole et le gaz seront contrôlés par: Bouchon de ciment

La profondeur du forage était de 5219^{K.B.} pieds et les tubages ont été insérés:

Colonne de tubage	Diamètre (mm)	Poids (kg/m)	Libre, ancré, cimenté	Profondeur (mètres)	Intention de retirer, mètres
1er Conducteur	20 po	94 lb/pi	Cimenté	22 pi	0 pi
2e Surface	9 5/8 po	36 lb/pi	Cimenté	829 pi	0 pi
3e					
4e					

es diagrammes suivants ont été obtenus BHC Sonic; DIL
autres opérations proposées Abandon.

opération à être effectuée par Dowell
dresse

gent responsable sur le terrain D.A. Knowles
ité à Ste-Foy, ce 2ème jour de octobre 19 74

gné par André Beaudin Titre Chef du Service des Titres Fonciers

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

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

APPROUVE

avis a été examiné et les travaux proposés sont approuvés sous la réserve des conditions suivantes:

é 19

Ministère des Richesses naturelles

207

DAILY DRILLING REPORT

REPORT NO. *22* DATE *Sept 13/44*

OPERATOR *Logan* LEASE *La Crosse No. 1* WELL NO. *1* FIELD OR DIST. *La Crosse* COUNTY *La Crosse* STATE *Wisconsin*

CONTRACTOR **REGENT DRILLING LTD.** RIG NO. *22* DRILL PIPE STRING *5 1/2" 44'* TOOL JOINT *5 1/2" 44'* PUMPS *1* SIZE *9 1/2"* MAKE *9 1/2"* WT. & CR. *96 23 832* SET AT *828* REMARKS

SIGNATURE OF OPERATOR'S REPRESENTATIVE *Ron Dunsen* SIGNATURE OF CONTRACTOR'S TOOL PUSHER *Ron Dunsen*

TIME DISTRIBUTION - HOURS		NO. DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		PUMP NO. 1		PUMP NO. 2		METHOD RUN			
NO.	STANDS D.P.	FT.	BIT NO.	TIME	WEIGHT	VISC.-SEC	FLTR. Q.	PH	SO. CONT. S.	PRESSURE GRADIENT	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
1	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
2	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
3	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
4	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
5	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
6	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
7	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
8	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
9	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
10	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
11	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
12	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
13	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
14	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
15	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
16	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
17	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
18	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
19	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
20	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
21	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
22	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
23	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
24	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
25	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
26	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
27	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
28	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
29	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
30	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
31	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
32	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
33	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
34	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
35	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
36	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
37	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
38	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
39	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
40	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
41	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
42	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
43	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
44	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
45	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
46	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
47	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
48	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
49	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
50	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
51	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
52	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
53	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
54	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
55	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
56	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
57	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
58	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
59	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
60	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
61	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
62	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
63	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
64	1553.85	584.53	29.61	12:00	8.3	28	28	28	28	28	28	28	28	28	28	28	28	28	28
65	1553.85	584.53																	

DAILY DRILLING REPORT

OPERATOR: *Regent* LEASE: *La Main Niagara #1* REPORT NO.: DATE: *Sept 12/14*

CONTRACTOR: **REGENT DRILLING LTD.** RIG NO.: *22* DRILL PIPE STRING: *584-64* TOOL JOINT: *584-64* PUMPS: SIZE: *9 3/8* MAKE: *36* WT. & GR.: *23* FEET: *832* RES. TO CAS. NO.: SET AT: *828* REMARKS:

SIGNATURE OF OPERATOR'S REPRESENTATIVE: *K. Knowlton* SIGNATURE OF CONTRACTOR'S TOOL PUSHER: *K. Knowlton*

TIME DISTRIBUTION-HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	<i>4 1/2</i>	<i>7 1/2</i>	
REAMING			
CONDITIONING MUD & CIRCULATING			
TEST B.O.P.	<i>3</i>		
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FIDING			
COMPLETION WORK			
A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	<i>8</i>	<i>8</i>	<i>8</i>

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK: HRS. W/D: HRS. W/S: HRS. STANDBY:

WIRE LINE RECORD

REEL NO.: NO. OF LINES: *8* SIZE: *1 1/8*

FEET SLIPPED: FEET CUT OFF: *3708*

PRESENT LENGTH: *255*

TON ML. OR TRIPS SINCE LAST CUT: *255*

CUMULATIVE TON ML. OR TRIPS: *255*

NO. OF DAYS FROM PROD: *18*

CUMULATIVE ROTATING HRS:

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD	MUD RECORD	FOOTAGE	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 F	PUMP PRESS	PUMP NO. 1	PUMP NO. 2	METHOD RUN
15	STANDS D.P. <i>1399.05</i>	BIT NO. <i>RR 1 4</i>	TIME <i>12:00</i>	FROM <i>2040</i> TO <i>2073</i>			<i>85</i>	<i>15</i>	<i>1100</i>	<i>54</i>	<i>5" 182</i>
18	SINGLES D.P. <i>624</i>	SIZE <i>8 3/4</i>	WEIGHT <i>8.3</i>								
1	STANDS D.P. <i>584.53</i>	WFL. <i>SEC 56C</i>	VISC-SEC <i>28</i>								
1	STANDS D.P. <i>29.61</i>	WFL. <i>SEC 586</i>	W.L.-C.C. <i>0.55</i>								
1	STANDS D.P. <i>3.37</i>	NOZZLE NO. <i>1-2</i>	FLTR. CK. <i>1</i>								
1	STANDS D.P. <i>3.37</i>	SIZE <i>11-12</i>	PH <i>P</i>								
1	STANDS D.P. <i>3.37</i>	SER. NO. <i>484502-489268</i>	DEPTH OUT <i>2054</i>								
1	STANDS D.P. <i>3.37</i>	DEPTH IN <i>1651</i>	TOTAL FTL. <i>2054</i>								
1	STANDS D.P. <i>3.37</i>	TOTAL HR. RUN <i>17</i>	COND. OF BIT <i>1-2.2</i>								
1	STANDS D.P. <i>3.37</i>	KELLY DOWN <i>31.31</i>	REAMER NO. <i>2023-00</i>								
1	STANDS D.P. <i>3.37</i>	TOTAL <i>2023-00</i>	REAMER TYPE								
1	STANDS D.P. <i>3.37</i>	DRILLER <i>Barry M. G. 10</i>									

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD	MUD RECORD	FOOTAGE	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 F	PUMP PRESS	PUMP NO. 1	PUMP NO. 2	METHOD RUN
15	STANDS D.P. <i>1466.15</i>	BIT NO. <i>4</i>	TIME <i>10:00</i>	FROM <i>2073</i> TO <i>2127</i>			<i>56</i>	<i>18</i>	<i>1000</i>	<i>54</i>	<i>5" 182</i>
18	SINGLES D.P. <i>584.53</i>	SIZE <i>8 3/4</i>	WEIGHT <i>8.4</i>								
1	STANDS D.P. <i>29.61</i>	WFL. <i>SEC 56C</i>	VISC-SEC <i>28</i>								
1	STANDS D.P. <i>3.37</i>	WFL. <i>SEC 586</i>	W.L.-C.C. <i>0.55</i>								
1	STANDS D.P. <i>3.37</i>	NOZZLE NO. <i>1-2</i>	FLTR. CK. <i>1</i>								
1	STANDS D.P. <i>3.37</i>	SIZE <i>11-12</i>	PH <i>P</i>								
1	STANDS D.P. <i>3.37</i>	SER. NO. <i>484502-489268</i>	DEPTH OUT <i>2054</i>								
1	STANDS D.P. <i>3.37</i>	DEPTH IN <i>1651</i>	TOTAL FTL. <i>2054</i>								
1	STANDS D.P. <i>3.37</i>	TOTAL HR. RUN <i>17</i>	COND. OF BIT <i>1-2.2</i>								
1	STANDS D.P. <i>3.37</i>	KELLY DOWN <i>31.31</i>	REAMER NO. <i>2023-00</i>								
1	STANDS D.P. <i>3.37</i>	TOTAL <i>2023-00</i>	REAMER TYPE								
1	STANDS D.P. <i>3.37</i>	DRILLER <i>Barry M. G. 10</i>									

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD	MUD RECORD	FOOTAGE	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 F	PUMP PRESS	PUMP NO. 1	PUMP NO. 2	METHOD RUN
15	STANDS D.P. <i>1466.15</i>	BIT NO. <i>4</i>	TIME <i>6:00</i>	FROM <i>2127</i> TO <i>2169</i>			<i>56</i>	<i>18</i>	<i>1000</i>	<i>54</i>	<i>5" 182</i>
18	SINGLES D.P. <i>584.53</i>	SIZE <i>8 3/4</i>	WEIGHT <i>8.4</i>								
1	STANDS D.P. <i>29.61</i>	WFL. <i>SEC 56C</i>	VISC-SEC <i>28</i>								
1	STANDS D.P. <i>3.37</i>	WFL. <i>SEC 586</i>	W.L.-C.C. <i>0.55</i>								
1	STANDS D.P. <i>3.37</i>	NOZZLE NO. <i>1-2</i>	FLTR. CK. <i>1</i>								
1	STANDS D.P. <i>3.37</i>	SIZE <i>11-12</i>	PH <i>P</i>								
1	STANDS D.P. <i>3.37</i>	SER. NO. <i>484502-489268</i>	DEPTH OUT <i>2054</i>								
1	STANDS D.P. <i>3.37</i>	DEPTH IN <i>1651</i>	TOTAL FTL. <i>2054</i>								
1	STANDS D.P. <i>3.37</i>	TOTAL HR. RUN <i>17</i>	COND. OF BIT <i>1-2.2</i>								
1	STANDS D.P. <i>3.37</i>	KELLY DOWN <i>31.31</i>	REAMER NO. <i>2023-00</i>								
1	STANDS D.P. <i>3.37</i>	TOTAL <i>2023-00</i>	REAMER TYPE								
1	STANDS D.P. <i>3.37</i>	DRILLER <i>Barry M. G. 10</i>									

DRILLING CREW PAYROLL DATA

DATE: *Sept. 12/14*

WELL NAME & NO.: *La Main Niagara #1*

COMPANY: *Regent*

TOOL PUSHER: _____ RIG NO.: *22*

MORNING TOUR <i>12 P.M.</i>			
CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		<i>G. MOZILL</i>	<i>8</i>
DRKMAN		<i>R. GILHARD</i>	<i>8</i>
MTRMAN		<i>B. TALLON</i>	<i>8</i>
FIREMAN		<i>A. SIM</i>	<i>8</i>
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS: _____ SINCE LAST TIME ACCIDENT

DAY TOUR <i>8:00 A.M. 4:00 P.M.</i>			
CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		<i>G. GUILMET</i>	<i>8</i>
DRKMAN		<i>R. DESCHENES</i>	<i>8</i>
MTRMAN		<i>C. MONROE</i>	<i>8</i>
FIREMAN		<i>L. HAMEL</i>	<i>8</i>
FLRMAN		<i>L. OTIS</i>	<i>8</i>
FLRMAN			
FLRMAN			

NO. OF DAYS: _____ SINCE LAST TIME ACCIDENT

EVENING TOUR <i>4:00 P.M. 12:00 P.M.</i>			
CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		<i>R. THARRIFF</i>	<i>8</i>
DRKMAN		<i>J. THARRIFF</i>	<i>8</i>
MTRMAN		<i>M. BELANGER</i>	<i>8</i>
FIREMAN		<i>J. SIM</i>	<i>8</i>
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS: _____ SINCE LAST TIME ACCIDENT

DAILY DRILLING REPORT

REPORT NO. 22 DATE Sept. 10/74

OPERATOR Saguip LEASE Lac Mir Nigette WELL NO. 1 FIELD OR DIST. Mezette COUNTY Bismarck STATE Quebec

CONTRACTOR RECENT DRILLING LTD. RIG NO. 22 DRILL PIPE STRING 5 1/2 - 6 1/2 TYPE THD. 5H-1H PUMPS 214-M 140 LAST CASING TUBING OR LINER 9 5/8 MAKE 36 WT. & GR. 23 FEET 832 SET AT 828 REMARKS

SIGNATURE OF OPERATOR'S REPRESENTATIVE Kon Verhoeven SIGNATURE OF CONTRACTOR'S TOOL PUSHER Kon Verhoeven

TIME DISTRIBUTION-HOURS				DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		ROTARY RPH		PUMP PRESS		PUMP NO. 1		PUMP NO. 2		METHOD RUN		
WORN	DAY	EYE		NO.	FT.	BIT NO.	SIZE	TIME	FROM	TO	DR. OR RA. K. CORE-C	CORE NO.	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
WIPUP				12	STANDS D.P.	964.56	8 3/4	12 30 3 30 7:30	1576	1622	46													
TEAR DOWN				18	SINGLES D.P.	6 1/2	H.W.	84 84 84																
DRILLING ACTUAL	2 1/2	5 1/2	7 1/2	18	D.C. 6 1/2	584.53	XDV	28 28 28																
REWORKING				1	SO. O.D.	29.61	NO. 1-2																	
CONDITIONING MUD & CIRCULATING				1	SO. O.D.	3.37	SIZE 11-12																	
TRIPS	2 1/2			1	SO. O.D.	3.27	SER. NO. 64538																	
LUBRICATE RIG	1 1/2	1/2		1	SO. O.D.	5.33	DEPTH OUT																	
DEVIATION SURVEY				1	SO. O.D.	6.22	DEPTH IN																	
CUT OFF DRILLING LINE				1	SO. O.D.	10.31	TOTAL FTG.																	
REPAIR RIG				1	SO. O.D.	16.20	TOTAL HR. RUN																	
CRIBING				1	SO. O.D.	16.22	COND. OF BIT																	
WIRE LINE LOGGING				1	SO. O.D.	16.22	REAMER NO.																	
RUNNING CASING & CEMENTING				1	SO. O.D.	16.22	REAMER TYPE																	
WAITING ON CEMENT				1	SO. O.D.	16.22	DRILLER																	
DRILL STEM TEST				1	SO. O.D.	16.22																		
OTHER				1	SO. O.D.	16.22																		
FISHING				1	SO. O.D.	16.22																		
PERFORMING A. PERFORMING				1	SO. O.D.	16.22																		
B. TURNING TRIPS				1	SO. O.D.	16.22																		
C. SKABBING				1	SO. O.D.	16.22																		
D. TESTING				1	SO. O.D.	16.22																		
E. ADDITIONAL				1	SO. O.D.	16.22																		
TOTALS	8 1/2	9 1/2	3	1	SO. O.D.	16.22																		
TIME SUMMARY (OFFICE USE ONLY)				DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		ROTARY RPH		PUMP PRESS		PUMP NO. 1		PUMP NO. 2		METHOD RUN		
				NO.		FT.		TIME		FROM		TO		DR. OR RA. K. CORE-C		CORE NO.		DEPTH		DEV.		DIRECTION		
				11		STANDS D.P.		6:00 8:00 10:00		1622		1651		29										
				18		SINGLES D.P.		8 3/4																
				18		D.C. 6 1/2		H.W.																
				1		SO. O.D.		584.53																
				1		SO. O.D.		29.61																
				1		SO. O.D.		3.37																
				1		SO. O.D.		3.27																
				1		SO. O.D.		5.33																
				1		SO. O.D.		6.22																
				1		SO. O.D.		10.31																
				1		SO. O.D.		16.20																
				1		SO. O.D.		16.22																
				1		SO. O.D.		16.22																
				1		SO. O.D.		16.22																
				1		SO. O.D.		16.22																
				1		SO. O.D.		16.22																
				1		SO. O.D.		16.22																
				1		SO. O.D.		16.22																
				1		SO. O.D.		16.22																
				1		SO. O.D.		16.22																
				1		SO. O.D.		16.22																
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DAILY DRILLING REPORT

REPORT NO. 33

DATE Sept 9/74

OPERATOR <i>Soguis</i>	LEASE <i>Les Nair Nijette</i>	WELL NO. <i>7</i>	FIELD OR DIST. <i>Nijette</i>	COUNTY <i>Beauharnois</i>	STATE <i>Quebec</i>
CONTRACTOR REGENT DRILLING LTD.	RIG NO. <i>22</i>	DRILL PIPE JOINT 54" 60"	TOOL JOINT 54" 60"	PUMPS	SIZE <i>9 5/8</i>
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>Altmann</i>	SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>Ron Verschuur</i>	NO. <i>1</i>	MANUFACTURER <i>214-P</i>	TYPE <i>P58</i>	STROKE LENGTH <i>8"</i>
		NO. <i>2</i>	MANUFACTURER <i>214-P</i>	TYPE <i>P58</i>	STROKE LENGTH <i>8"</i>

TIME DISTRIBUTION-HOURS			DRILLING ASSEMBLY		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		PUMP NO. 1		PUMP NO. 2		METHOD	
RIG UP & TEAR DOWN	MORN	DAY	NO.	STANDS D.P.	FT.	BIT NO.	TIME	WEIGHT	FROM	TO	FORMATION	ROTARY RPM	WT. ON BIT 1000'	PUMP PRESS	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.
DRILLING ACTUAL <i>7 1/2 1/4</i>			<i>8</i>	<i>809.44</i>	<i>FT.</i>	<i>2</i>	<i>12 3:00 7:30</i>	<i>83 84</i>	<i>1456</i>	<i>1488</i>	<i>32</i>		<i>80</i>	<i>15</i>	<i>100</i>	<i>5 1/2</i>	<i>67</i>	<i>5"</i>
REAMING			<i>1</i>	<i>584.53</i>	<i>FT.</i>	<i>XOV</i>		<i>28 28 28</i>										
CONDITIONING MUD & CIRCULATING			<i>1</i>	<i>29.61</i>	<i>FT.</i>	<i>NO. 1-2</i>												
TRIPS			<i>1</i>	<i>3.37</i>	<i>FT.</i>	<i>NO. 64538</i>												
LUBRICATE RIG			<i>1</i>	<i>3.37</i>	<i>FT.</i>													
DEVIATION SURVEY			<i>1</i>	<i>5.33</i>	<i>FT.</i>													
TEST B.O.P.			<i>1</i>	<i>6.22</i>	<i>FT.</i>													
CUT OFF DRILLING LINE			<i>1</i>	<i>10.31</i>	<i>FT.</i>													
REPAIR RIG			<i>1</i>	<i>36.00</i>	<i>FT.</i>													
CORING			<i>1</i>	<i>14.88</i>	<i>FT.</i>													
WIRE LINE LOGGING			<i>1</i>	<i>64.000</i>	<i>LBS.</i>													
RUNNING CASING & CEMENTING																		
WAITING ON CEMENT																		
DRILL STEM TEST																		
OTHER																		
FISHING																		

TIME DISTRIBUTION-HOURS			DRILLING ASSEMBLY		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		PUMP NO. 1		PUMP NO. 2		METHOD	
RIG UP & TEAR DOWN	MORN	DAY	NO.	STANDS D.P.	FT.	BIT NO.	TIME	WEIGHT	FROM	TO	FORMATION	ROTARY RPM	WT. ON BIT 1000'	PUMP PRESS	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.
DRILLING ACTUAL <i>8 8 8</i>			<i>9</i>	<i>772.10</i>	<i>FT.</i>	<i>2</i>	<i>9:00 11:00 5:00</i>	<i>84 84 84</i>	<i>1488</i>	<i>1530</i>	<i>42</i>		<i>80</i>	<i>15</i>	<i>100</i>	<i>5 1/2</i>	<i>66</i>	<i>5"</i>
REAMING			<i>1</i>	<i>584.53</i>	<i>FT.</i>	<i>XOV</i>		<i>28 27 28</i>										
CONDITIONING MUD & CIRCULATING			<i>1</i>	<i>29.61</i>	<i>FT.</i>	<i>NO. 64538</i>												
TRIPS			<i>1</i>	<i>3.37</i>	<i>FT.</i>													
LUBRICATE RIG			<i>1</i>	<i>3.37</i>	<i>FT.</i>													
DEVIATION SURVEY			<i>1</i>	<i>5.33</i>	<i>FT.</i>													
TEST B.O.P.			<i>1</i>	<i>6.22</i>	<i>FT.</i>													
CUT OFF DRILLING LINE			<i>1</i>	<i>10.31</i>	<i>FT.</i>													
REPAIR RIG			<i>1</i>	<i>36.00</i>	<i>FT.</i>													
CORING			<i>1</i>	<i>14.88</i>	<i>FT.</i>													
WIRE LINE LOGGING			<i>1</i>	<i>64.000</i>	<i>LBS.</i>													
RUNNING CASING & CEMENTING																		
WAITING ON CEMENT																		
DRILL STEM TEST																		
OTHER																		
FISHING																		

TIME DISTRIBUTION-HOURS			DRILLING ASSEMBLY		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		PUMP NO. 1		PUMP NO. 2		METHOD	
RIG UP & TEAR DOWN	MORN	DAY	NO.	STANDS D.P.	FT.	BIT NO.	TIME	WEIGHT	FROM	TO	FORMATION	ROTARY RPM	WT. ON BIT 1000'	PUMP PRESS	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.
DRILLING ACTUAL <i>8 8 8</i>			<i>9</i>	<i>903.70</i>	<i>FT.</i>	<i>2</i>	<i>4:00 8:00 12:00</i>	<i>8.4 8.4 8.4</i>	<i>1530</i>	<i>1576</i>	<i>46</i>		<i>80</i>	<i>15</i>	<i>100</i>	<i>5 1/2</i>	<i>66</i>	<i>5"</i>
REAMING			<i>1</i>	<i>584.53</i>	<i>FT.</i>	<i>XOV</i>		<i>28 28 28</i>										
CONDITIONING MUD & CIRCULATING			<i>1</i>	<i>29.61</i>	<i>FT.</i>	<i>NO. 64538</i>												
TRIPS			<i>1</i>	<i>3.37</i>	<i>FT.</i>													
LUBRICATE RIG			<i>1</i>	<i>3.37</i>	<i>FT.</i>													
DEVIATION SURVEY			<i>1</i>	<i>5.33</i>	<i>FT.</i>													
TEST B.O.P.			<i>1</i>	<i>6.22</i>	<i>FT.</i>													
CUT OFF DRILLING LINE			<i>1</i>	<i>10.31</i>	<i>FT.</i>													
REPAIR RIG			<i>1</i>	<i>36.00</i>	<i>FT.</i>													
CORING			<i>1</i>	<i>14.88</i>	<i>FT.</i>													
WIRE LINE LOGGING			<i>1</i>	<i>64.000</i>	<i>LBS.</i>													
RUNNING CASING & CEMENTING																		
WAITING ON CEMENT																		
DRILL STEM TEST																		
OTHER																		
FISHING																		

DRILLING CREW PAYROLL DATA

DATE *Sept. 9/74*

WELL NAME & NO. *Les Nair Nijette - 1*

COMPANY *Soguis*

TOOL PUSHER *R. VERSCHOOR* RIG NO. *22*

MORNING TOUR <i>12 P.M.</i> <i>8 A.M.</i>			
CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		<i>G. MOZILL</i>	<i>8</i>
DRKMAN		<i>R. GIRARD</i>	<i>8</i>
MTRMAN		<i>B. TALLON</i>	<i>8</i>
FIREMAN		<i>A. SIM</i>	<i>8</i>
FLRMAN			
FLRMAN			
FLRMAN			

DAY TOUR <i>8:00 A.M.</i> <i>4:00 P.M.</i>			
CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		<i>G. BUIMET</i>	<i>8</i>
DRKMAN		<i>R. DESCHENES</i>	<i>8</i>
MTRMAN		<i>C. MONGEON</i>	<i>8</i>
FIREMAN		<i>L. HAMEL</i>	<i>8</i>
FLRMAN		<i>L. OTIS</i>	<i>8</i>
FLRMAN			
FLRMAN			

EVENING TOUR <i>4:00 P.M.</i> <i>12:00 P.M.</i>			
CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		<i>R. TARRIFF</i>	<i>8</i>
DRKMAN		<i>T. TARRIFF</i>	<i>8</i>
MTRMAN		<i>M. BELANGER</i>	<i>8</i>
FIREMAN		<i>Y. SEM</i>	<i>8</i>
FLRMAN			
FLRMAN			
FLRMAN			

DAILY DRILLING REPORT

REPORT NO. 32

DATE

Sept. 8/74

OPERATOR <i>Logan</i>	LEASE <i>Lac Noir No. 1</i>	WELL NO. <i>1</i>	FIELD OR DIST. <i>Thibault</i>	COUNTY <i>Beauce</i>	STATE <i>Quebec</i>
CONTRACTOR REGENT DRILLING LTD.	RIG NO. <i>22</i>	DRILL PIPE SIZE <i>5 1/2"</i>	TOOL JOINT <i>5 1/2"</i>	PUMPS NO. <i>1</i>	TYPE <i>214-P</i>
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>W. Knowlton</i>	SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>Kon Durov</i>	NO. <i>1</i>	MANUFACTURER <i>Raywell</i>	TYPE <i>214-P</i>	STROKE LENGTH <i>14"</i>
		NO. <i>2</i>	MANUFACTURER <i>Raywell</i>	TYPE <i>214-P</i>	STROKE LENGTH <i>14"</i>

TIME DISTRIBUTION - HOURS			MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		PUMP NO. 1		PUMP NO. 2		METHOD	
WORN	DAY	OFF	TIME	FROM	TO	FROM	TO	FORMATION	ROTARY	WT. ON BIT	FEED	PUMP NO. 1	PUMP NO. 2	METHOD
RIG UP & TEAR DOWN														
DRILLING ACTUAL	7 1/2	4 1/2												
REAMING														
CONDITIONING MUD & CIRCULATING														
TRIPS														
LUBRICATE RIG														
DEVIATION SURVEY	1 1/2	1 1/2												
TEST B.O.P.														
CUT OFF DRILLING LINE														
REPAIR RIG														
CORING														
WIRE LINE LOGGING														
RUNNING CASING & CEMENTING														
WAITING ON CEMENT														
DRILL STEM TEST														

TIME DISTRIBUTION - HOURS			MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		PUMP NO. 1		PUMP NO. 2		METHOD	
WORN	DAY	OFF	TIME	FROM	TO	FROM	TO	FORMATION	ROTARY	WT. ON BIT	FEED	PUMP NO. 1	PUMP NO. 2	METHOD
RIG UP & TEAR DOWN														
DRILLING ACTUAL	7 1/2	4 1/2												
REAMING														
CONDITIONING MUD & CIRCULATING														
TRIPS														
LUBRICATE RIG														
DEVIATION SURVEY	1 1/2	1 1/2												
TEST B.O.P.														
CUT OFF DRILLING LINE														
REPAIR RIG														
CORING														
WIRE LINE LOGGING														
RUNNING CASING & CEMENTING														
WAITING ON CEMENT														
DRILL STEM TEST														

TIME DISTRIBUTION - HOURS			MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		PUMP NO. 1		PUMP NO. 2		METHOD	
WORN	DAY	OFF	TIME	FROM	TO	FROM	TO	FORMATION	ROTARY	WT. ON BIT	FEED	PUMP NO. 1	PUMP NO. 2	METHOD
RIG UP & TEAR DOWN														
DRILLING ACTUAL	7 1/2	4 1/2												
REAMING														
CONDITIONING MUD & CIRCULATING														
TRIPS														
LUBRICATE RIG														
DEVIATION SURVEY	1 1/2	1 1/2												
TEST B.O.P.														
CUT OFF DRILLING LINE														
REPAIR RIG														
CORING														
WIRE LINE LOGGING														
RUNNING CASING & CEMENTING														
WAITING ON CEMENT														
DRILL STEM TEST														

DRILLING CREW PAYROLL DATA

DATE *Sept. 8/74*
WELL NAME & NO. *Lac Noir No. 1*
COMPANY *Logan*

TOOL PUSHER RIG NO. *22*

MORNING TOUR 12 P.M. 8 A.M.				
CREW	SOC. SEC. NO.	NAME	HRS.	
DRILLER		G. MOZILL	8	
DRAWMAN		R. GIRARD	8	
MTRMAN		B. TALLON	8	
FIREMAN		A. SIM	8	
FLRMAN				
FLRMAN				
FLRMAN				

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

DAY TOUR 8:00 A.M. 4:00 P.M.				
CREW	SOC. SEC. NO.	NAME	HRS.	
DRILLER		G. MOZILL	12	
DRAWMAN		R. DESCHENES	12	
MTRMAN		C. MONGEON	12	
FIREMAN		L. HAMEL	12	
FLRMAN		K. OTIS	8	
FLRMAN				
FLRMAN				

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 4:00 P.M. 12:00 P.M.				
CREW	SOC. SEC. NO.	NAME	HRS.	
DRILLER		G. MOZILL	4	
DRAWMAN		R. GIRARD	4	
MTRMAN		B. TALLON	4	
FIREMAN		A. SIM	4	
FLRMAN				
FLRMAN				
FLRMAN				

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

DAILY DRILLING REPORT REPORT NO. 30 DATE SEPT. 6/74

OPERATOR 30QUIP	LEASE LAC NOIR N.L. NEIGETTE	WELL NO. 1	FIELD OR DIST. NEIGETTE	COUNTY REMOUNSKI	STATE QUEBEC
CONTRACTOR REGENT DRILLING LTD.	RIG NO. 22	DRILL PIPE NO. 55	TOOL JOINT NO. 14	PUMPS NO. 214-P	SIZE 9 5/8
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>[Signature]</i>	SIGNATURE BY CONTRACTOR'S TOOL PUMPER <i>[Signature]</i>	MANUFACTURER ALCO	TYPE 214-P	STROKE LENGTH 14"	LAST CASING TUBING OR LINER 36 23 822.71
SIGNATURE OF CONTRACTOR'S REPRESENTATIVE <i>[Signature]</i>		REMARKS 822			

TIME DISTRIBUTION—HOURS		DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		PUMP NO. 1		PUMP NO. 2		METHOD RUN	
NO.	STANDS D.P.	NO.	STANDS D.P.	NO.	STANDS D.P.	NO.	STANDS D.P.	NO.	STANDS D.P.	NO.	STANDS D.P.	NO.	STANDS D.P.	NO.	STANDS D.P.	NO.	STANDS D.P.
1	185.01	1	185.01	1	185.01	1	185.01	1	185.01	1	185.01	1	185.01	1	185.01	1	185.01
2	31.19	2	31.19	2	31.19	2	31.19	2	31.19	2	31.19	2	31.19	2	31.19	2	31.19
3	555.53	3	555.53	3	555.53	3	555.53	3	555.53	3	555.53	3	555.53	3	555.53	3	555.53
TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL	

TIME DISTRIBUTION—HOURS		DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		PUMP NO. 1		PUMP NO. 2		METHOD RUN	
NO.	STANDS D.P.	NO.	STANDS D.P.	NO.	STANDS D.P.	NO.	STANDS D.P.	NO.	STANDS D.P.	NO.	STANDS D.P.	NO.	STANDS D.P.	NO.	STANDS D.P.	NO.	STANDS D.P.
1	278.55	1	278.55	1	278.55	1	278.55	1	278.55	1	278.55	1	278.55	1	278.55	1	278.55
2	31.19	2	31.19	2	31.19	2	31.19	2	31.19	2	31.19	2	31.19	2	31.19	2	31.19
3	555.53	3	555.53	3	555.53	3	555.53	3	555.53	3	555.53	3	555.53	3	555.53	3	555.53
TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL	

TIME DISTRIBUTION—HOURS		DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		PUMP NO. 1		PUMP NO. 2		METHOD RUN	
NO.	STANDS D.P.	NO.	STANDS D.P.	NO.	STANDS D.P.	NO.	STANDS D.P.	NO.	STANDS D.P.	NO.	STANDS D.P.	NO.	STANDS D.P.	NO.	STANDS D.P.	NO.	STANDS D.P.
1	10.31	1	10.31	1	10.31	1	10.31	1	10.31	1	10.31	1	10.31	1	10.31	1	10.31
2	3.37	2	3.37	2	3.37	2	3.37	2	3.37	2	3.37	2	3.37	2	3.37	2	3.37
3	5.33	3	5.33	3	5.33	3	5.33	3	5.33	3	5.33	3	5.33	3	5.33	3	5.33
TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL		TOTAL	

DRILLING CREW PATROLL DATA

DATE **SEPT 6/74**
WELL NAME & NO. **LAC NOIR NEIGETTE**
COMPANY **30QUIP**
TOOL PUMPER **RON VERHOOR** RIG NO. **22**

MORNING TOUR 1200 P.M. 800 A.M.			
CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		R. THARIFF	8
DRKMAN		T. THARIFF	8
MTKMAN		M. BELANGER	8
FIREMAN		G. SIM	8
FLRMAN			
FLRMAN			
FLRMAN			

DAY TOUR 8 A.M. 4 P.M.			
CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. MOZILL	8
DRKMAN		R. GIBARD	8
MTKMAN		B. TALLON	8
FIREMAN		A. SIM	8
FLRMAN		L. OTIS	8
FLRMAN			
FLRMAN			

EVENING TOUR 4:00 P.M. 12:00 P.M.			
CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		B. QUIMET	8
DRKMAN		R. DESCHENES	8
MTKMAN		C. MONGEON	8
FIREMAN		L. HAMEL	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS..... SINCE LAST LOST TIME ACCIDENT

DATE SEPT 4/74

OPERATOR SOQUIP		LEASE LAC NOIR NO1 NEIGETTE		REPORT NO. 20		DATE SEPT 11		WELL NO. 1		FIELD OR DIST. NEIGETTE		QUANTITY RIMOUSKI		STATE QUEBEC	
CONTRACTOR REGENT DRILLING LTD.		RIG NO. 22		DRILL PIPE STRUNG NO. 22		TOOL JOINT 58 LBS.		PUMPS		SIZE		MAKE		WT. & GR.	
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>[Signature]</i>		SIGNATURE OF CONTRACTOR'S TOOL JOINT <i>[Signature]</i>		TYPE THD. F.H.H.		NO.		MANUFACTURER		TYPE		STROKE LENGTH		LAST CASING TUBING OR LINER	
						1		OIL WELL		214-P		14"			
						2		GARDNER DENVER		A.S.P.		8"			
						3									

[illegible][illegible][illegible]

DRILLING CREW PAYROLL DATA

DATE SEPT 4/74
WELL NAME & NO. 2AC NOIR 101 NEIGETTE
COMPANY SOQUIP
TOOL PUSHER ROM VERSHOOR

[illegible]

NO. OF DAYS _____ SINCE LAST LOST-TIME ACCIDENT

DAY TOUR		8 A.M.	4 P.M.
CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. MOZILL	9
DRISMAN		R. GIRARD	9
WTRMAN		B. TALLON	9
PIREMAN		A. SIM	9
FLRMAN		L. OTIS	9
FLRMAN			
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

[illegible]

DAILY DRILLING REPORT

REPORT NO. 28

DATE SEPT 3/74

OPERATOR SOQUEP		LEASE LAC NOIR NO1 NEIGETTE		WELL NO. 1	FIELD OR DIST. NEIGETTE	COUNTY REMANUSKI	STATE QUEBEC
CONTRACTOR REGENT DRILLING LTD.		RIG NO. 22	DRILL PIPE STANDS 14	TOOL JOINT 58 1/2"	PUMPS NO. 1	TYPE 14 1/4"	STROKE INCHES 14 1/4"
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>Ron Verschuur</i>		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>Ron Verschuur</i>		MANUFACTURER OILWELL		TYPE 214-P	STROKE INCHES 14 1/4"
				LAST CASING TURNING OR LINER 2"			

TIME DISTRIBUTION - HOURS				DRILLING ASSEMBLY AT END OF TOOL		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		ROTARY RPM		WT. ON BIT THOUS. LB.		PUMP PRESS.		PUMP NO.		PUMP NO.		METHOD RPM	
MON	TUE	WED	THU	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	VISC.	SEC.	FROM	TO	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
7/27	7/28	7/29	7/30	3	14 1/4"	14	12 1/4"	2:00	8.4	28	28	516	570	54	60	1575	500	7 1/2	63						
REMARKS CONDITIONING MUD & CIRCULATING				S.C. 14 1/4" O.D. 8.78 FT.		NOZZLE 2-1		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
LUBRICATE MUD				S.C. 14 1/4" O.D. 12.18 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
DEVIATION SURVEY				S.C. 14 1/4" O.D. 1.93 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
TEST S.O.P.				S.C. 14 1/4" O.D. 7.25 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
CUT OFF DRILLING LINE				S.C. 14 1/4" O.D. 1.63 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
REPAIR S.O.				S.C. 14 1/4" O.D. 2.50 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
CORKS				S.C. 14 1/4" O.D. 10.30 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
WIRE LINE LOGGING				S.C. 14 1/4" O.D. 13.42 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
RUNNING CASING & CEMENTING				S.C. 14 1/4" O.D. 5.70 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
PULPING OUT CEMENT				S.C. 14 1/4" O.D. 62.00 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
DRILL STEM TEST				S.C. 14 1/4" O.D. 62.00 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
OTHER				S.C. 14 1/4" O.D. 62.00 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
FISHING				S.C. 14 1/4" O.D. 62.00 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
COMPLETION WORK				S.C. 14 1/4" O.D. 62.00 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
A. PERFORATING				S.C. 14 1/4" O.D. 62.00 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
B. TUBING TAPS				S.C. 14 1/4" O.D. 62.00 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
C. TRADING				S.C. 14 1/4" O.D. 62.00 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
D. TESTING				S.C. 14 1/4" O.D. 62.00 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
E. ADDITIONAL				S.C. 14 1/4" O.D. 62.00 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
TOTALS				S.C. 14 1/4" O.D. 62.00 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
TIME REMAINING OFFICE USE ONLY				S.C. 14 1/4" O.D. 62.00 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
DAY WORK				S.C. 14 1/4" O.D. 62.00 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
HRS. W/O.P.				S.C. 14 1/4" O.D. 62.00 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
HRS. NO/O.P.				S.C. 14 1/4" O.D. 62.00 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
HRS. STANDSTILL				S.C. 14 1/4" O.D. 62.00 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															

TIME DISTRIBUTION - HOURS				DRILLING ASSEMBLY AT END OF TOOL		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		ROTARY RPM		WT. ON BIT THOUS. LB.		PUMP PRESS.		PUMP NO.		PUMP NO.		METHOD RPM	
MON	TUE	WED	THU	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	VISC.	SEC.	FROM	TO	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
				3	14 1/4"	14	12 1/4"	2:00	8.4	28	28	570	652	82	60	25	600	7 1/2	645"						
REMARKS				S.C. 14 1/4" O.D. 575.01 FT.		NOZZLE 2-1		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
LUBRICATE MUD				S.C. 14 1/4" O.D. 8.78 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
DEVIATION SURVEY				S.C. 14 1/4" O.D. 1.93 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
TEST S.O.P.				S.C. 14 1/4" O.D. 7.25 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
CUT OFF DRILLING LINE				S.C. 14 1/4" O.D. 1.63 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
REPAIR S.O.				S.C. 14 1/4" O.D. 2.50 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
CORKS				S.C. 14 1/4" O.D. 10.30 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
WIRE LINE LOGGING				S.C. 14 1/4" O.D. 13.42 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
RUNNING CASING & CEMENTING				S.C. 14 1/4" O.D. 5.70 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
PULPING OUT CEMENT				S.C. 14 1/4" O.D. 62.00 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
DRILL STEM TEST				S.C. 14 1/4" O.D. 62.00 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
OTHER				S.C. 14 1/4" O.D. 62.00 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
FISHING				S.C. 14 1/4" O.D. 62.00 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
COMPLETION WORK				S.C. 14 1/4" O.D. 62.00 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
A. PERFORATING				S.C. 14 1/4" O.D. 62.00 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
B. TUBING TAPS				S.C. 14 1/4" O.D. 62.00 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
C. TRADING				S.C. 14 1/4" O.D. 62.00 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
D. TESTING				S.C. 14 1/4" O.D. 62.00 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
E. ADDITIONAL				S.C. 14 1/4" O.D. 62.00 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
TOTALS				S.C. 14 1/4" O.D. 62.00 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
TIME REMAINING OFFICE USE ONLY				S.C. 14 1/4" O.D. 62.00 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
DAY WORK				S.C. 14 1/4" O.D. 62.00 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
HRS. W/O.P.				S.C. 14 1/4" O.D. 62.00 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
HRS. NO/O.P.				S.C. 14 1/4" O.D. 62.00 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
HRS. STANDSTILL				S.C. 14 1/4" O.D. 62.00 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															

TIME DISTRIBUTION - HOURS				DRILLING ASSEMBLY AT END OF TOOL		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		ROTARY RPM		WT. ON BIT THOUS. LB.		PUMP PRESS.		PUMP NO.		PUMP NO.		METHOD RPM	
MON	TUE	WED	THU	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	VISC.	SEC.	FROM	TO	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
				3	14 1/4"	14	12 1/4"	2:00	8.4	28	28	652	782	130	63	25	600	7 1/2	63	5"					
REMARKS				S.C. 14 1/4" O.D. 606.1 FT.		NOZZLE 2-1		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
LUBRICATE MUD				S.C. 14 1/4" O.D. 636.75 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
DEVIATION SURVEY				S.C. 14 1/4" O.D. 8.78 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
TEST S.O.P.				S.C. 14 1/4" O.D. 1.93 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
CUT OFF DRILLING LINE				S.C. 14 1/4" O.D. 7.25 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
REPAIR S.O.				S.C. 14 1/4" O.D. 1.63 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
CORKS				S.C. 14 1/4" O.D. 2.50 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
WIRE LINE LOGGING				S.C. 14 1/4" O.D. 10.30 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
RUNNING CASING & CEMENTING				S.C. 14 1/4" O.D. 11.00 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
PULPING OUT CEMENT				S.C. 14 1/4" O.D. 65.00 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
DRILL STEM TEST				S.C. 14 1/4" O.D. 65.00 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
OTHER				S.C. 14 1/4" O.D. 65.00 FT.		SER. NO. 534643		TIME LOG		DETAILED OPERATIONS IN SEQUENCE AND REMARKS															
FISHING				S.C. 14 1/4" O.D. 65.																					

DAILY DRILLING REPORT

REPORT NO. 24

DATE AUGUST 30th 1974

OPERATOR SOQUIP	LEASE LAC NOIR NO.1 NEIGETTE	WELL NO. 22	FIELD OR DIST. NEIGETTE	COUNTY RIMOUSKI	STATE QUEBEC
CONTRACTOR REGENT DRILLING LTD.	RIG NO. 22	DRILL PIPE STRING 58/68	TOOL JOINT 58/68	PUMPS	SIZE MAKE WT. & CR. NO. JOINTS FEET RKS. TO CSG. HD. SET AT REMARKS
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>R. Magnan</i>		SIGNATURE OF CONTRACTOR'S TOOL FISHING <i>R. Magnan</i>		1. OILWELL 2148 74 2. GARDNER DENVER 8 8	LAST CASING TUBING OR LINE

TIME DISTRIBUTION - HOURS		MORNING TOUR		DAY TOUR		EVENING TOUR	
NORM	DAY	EYE	NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD	MUD RECORD	FOOTAGE
RIG UP & TEAR DOWN			2	STANDS D.P. 9" 61.92 FT.	BIT NO. 24	TIME 2:00 6:00	FROM 109 TO 126 DR
DRILLING ACTUAL	1 5/8	2 3/4	2	D.C. 9" 61.92 FT.	SIZE 8 1/2	WEIGHT 8.4 8.4	109 126 DR
REAMING			1	I.D. O.D. 9" 8.78 FT.	MFG. SEC. H.W.	VISC.-SEC 28 28	
CONDITIONING MUD & CIRCULATING			1	D.C. 9" 8.78 FT.	TYPE XIG	W.L.-C.C.	
TRIPS	1 1/2		1	I.D. O.D. 9" 8.78 FT.	NOZZLE NO. 24	FLTR. CK.	
LUBRICATE RIG			2	STB. BODY O.D. 12.18 FT.	SER. NO. 914517	PH	
DEVIATION SURVEY			1	SO. BODY O.D. 12.18 FT.	DEPTH OUT	CONT. S	
TEST B.O.P.			1	SO. BODY O.D. 12.18 FT.	DEPTH IN	PRESSURE GRADIENT	
CUT OFF DRILLING LINE			1	SO. BODY O.D. 12.18 FT.	TOTAL FTG.	MUD & CHEMICALS ADDED	
REPAIR RIG	1/2	3 3/4	1	SO. BODY O.D. 12.18 FT.	TOTAL HR. RUN	TYPE AMT. TYPE AMT.	
CORING			1	SO. BODY O.D. 12.18 FT.	COND. OF BIT		
WIRE LINE LOGGING			1	SO. BODY O.D. 12.18 FT.	REAMER NO.		
FINISHING CASING & CEMENTING			1	SO. BODY O.D. 12.18 FT.	REAMER TYPE		
WAITING ON CEMENT			1	SO. BODY O.D. 12.18 FT.	DRILLER		
DRILL STEM TEST			1	SO. BODY O.D. 12.18 FT.			
OTHER			1	SO. BODY O.D. 12.18 FT.			
FISHING			1	SO. BODY O.D. 12.18 FT.			
COMPLETION WORK			1	SO. BODY O.D. 12.18 FT.			
A. PERFORATING			1	SO. BODY O.D. 12.18 FT.			
B. TUBING TRIPS			1	SO. BODY O.D. 12.18 FT.			
C. SNABBING			1	SO. BODY O.D. 12.18 FT.			
D. TESTING			1	SO. BODY O.D. 12.18 FT.			
E. ADDITIONAL			1	SO. BODY O.D. 12.18 FT.			
TOTALS	8	9	8	SO. BODY O.D. 12.18 FT.			
TIME SUMMARY (OFFICE USE ONLY)							
DAY WORK							
HRS. W/P							
HRS. W/O/P							
HRS. STANDBY							
WIRE LINE RECORD							
REEL NO.							
NO. OF LINES	8						
SIZE	1 1/8						
FEET SHIPPED							
FEET CUT OFF							
PRESENT LENGTH							
TON M. OF TRIPS SINCE LAST CUT							
CUMULATIVE TON M. OF TRIPS							
NO. OF DAYS FROM START							
CUMULATIVE ROTATING HRS.							

DRILLING CREW PAYROLL DATA

DATE AUGUST 30th 1974

WELL NAME & NO. LAC NOIR NO.1 NEIGETTE

COMPANY SOQUIP

TOOL FISHING R. MAGNAN RIG NO. 22

MORNING TOUR 12:00 P.M. 8:00 A.M.			
CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. GUIMET	8
DRKMAN		B. DESCHENES	8
MTRMAN		C. MONGEON	8
FIREMAN		L. HAMEL	8
FLRMAN			
FLRMAN			
FLRMAN			

DAY TOUR 8:00 A.M. 4:00 P.M.			
CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A. THARRIFF	8
DRKMAN		T. THARRIFF	8
MTRMAN		M. BELANGER	8
FIREMAN		Y. SIM	8
FLRMAN		L. OTIS	8
FLRMAN			
FLRMAN			

EVENING TOUR 4 P.M. 12 P.M.			
CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		B. MOZILL	8
DRKMAN		R. GIRARD	8
MTRMAN		B. TALLON	8
FIREMAN		A. SIM	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

DAILY DRILLING REPORT

REPORT NO. 22

DATE AUGUST 28th 1974

OPERATOR SOQUIP	LEASE LAC NOIR NO.1 NEIGETTE	WELL NO. 1	FIELD OR DIST. NEIGETTE	COUNTY RIMOUSKI	STATE QUEBEC
CONTRACTOR REGENT DRILLING LTD.	RIG NO. 22	DRILL PIPE STRING NO. 42 TYPE THD. FH/XH	PUMPS 1. OIL WELL 214 P 14" 2. BARDNER DENVER P. J 8"	LAST CASING TUBING OR LINER	REMARKS
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>[Signature]</i>		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>[Signature]</i>			

TIME DISTRIBUTION—HOURS		NO. DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		CORE NO.		FORMATION (SHOW CORE RECOVERY)		ROTARY RPM		PUMP NO.		PUMP NO.		METHOD RUN	
RIG UP & TEAR DOWN		STANDS D.P.	FT.	BIT NO.	2	TIME		FROM	TO	DRILL PIPE CORR. NO.											
DRILLING ACTUAL	6 1/2	SINGLES D.P.	FT.	SIZE	8 3/4	WEIGHT															
REARMS		D.C.	FT.	MFG.	SEC.	VISC.-SEC															
CONVENTIONAL LUBRICANTS	2	I.D. O.D.	28.69	TYPE	344	N.L.-C.C.															
LUBRICATE RIG		S.C.	FT.	NO.	3	FLTR. OR															
DEVIATION SURVEY		I.D. O.D.	9.29	NOZZLE	30	PH															
TEST B.O.P.		STB. BODY O.D.	3.35	SER. NO.	914517	SO. CONT. N															
CUT OFF DRILLING LINE		RHR. BODY O.D.	5.35	DEPTH OUT	61	PRESSURE GRADIENT															
REPAIR RIG	2	RHR. BODY O.D.	.63	DEPTH IN	61																
CORING		BIT OR C.B.	FT.	TOTAL FTG.	75	MUD & CHEMICALS ADDED															
WIRE LINE LOGGING		KELLY DOWN	28.00	TOTAL HR. RUN	94	TYPE															
RUNNING CASING & CEMENTING	3	TOTAL	75	COND. OF BIT	DRIG																
WAITING ON CEMENT	8	WT. OF STRING	22,000	REARMER NO.																	
DRILL STEM TEST																					
OTHER																					
FISHING																					

TIME DISTRIBUTION—HOURS		NO. DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		CORE NO.		FORMATION (SHOW CORE RECOVERY)		ROTARY RPM		PUMP NO.		PUMP NO.		METHOD RUN	
RIG UP & TEAR DOWN		STANDS D.P.	FT.	BIT NO.	2	TIME		FROM	TO	DRILL PIPE CORR. NO.											
DRILLING ACTUAL	6 1/2	SINGLES D.P.	FT.	SIZE	8 3/4	WEIGHT															
REARMS		D.C.	FT.	MFG.	SEC.	VISC.-SEC															
CONVENTIONAL LUBRICANTS	2	I.D. O.D.	28.69	TYPE	344	N.L.-C.C.															
LUBRICATE RIG		S.C.	FT.	NO.	3	FLTR. OR															
DEVIATION SURVEY		I.D. O.D.	9.29	NOZZLE	30	PH															
TEST B.O.P.		STB. BODY O.D.	3.35	SER. NO.	914517	SO. CONT. N															
CUT OFF DRILLING LINE		RHR. BODY O.D.	5.35	DEPTH OUT	61	PRESSURE GRADIENT															
REPAIR RIG	2	RHR. BODY O.D.	.63	DEPTH IN	61																
CORING		BIT OR C.B.	FT.	TOTAL FTG.	82	MUD & CHEMICALS ADDED															
WIRE LINE LOGGING		KELLY DOWN	34	TOTAL HR. RUN	10 1/2	TYPE															
RUNNING CASING & CEMENTING	3	TOTAL	82	COND. OF BIT	DRIG																
WAITING ON CEMENT	8	WT. OF STRING	22,000	REARMER NO.																	
DRILL STEM TEST																					
OTHER																					
FISHING																					

TIME DISTRIBUTION—HOURS		NO. DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		CORE NO.		FORMATION (SHOW CORE RECOVERY)		ROTARY RPM		PUMP NO.		PUMP NO.		METHOD RUN	
RIG UP & TEAR DOWN		STANDS D.P.	FT.	BIT NO.	2	TIME		FROM	TO	DRILL PIPE CORR. NO.											
DRILLING ACTUAL	6 1/2	SINGLES D.P.	FT.	SIZE	8 3/4	WEIGHT															
REARMS		D.C.	FT.	MFG.	SEC.	VISC.-SEC															
CONVENTIONAL LUBRICANTS	2	I.D. O.D.	28.69	TYPE	344	N.L.-C.C.															
LUBRICATE RIG		S.C.	FT.	NO.	3	FLTR. OR															
DEVIATION SURVEY		I.D. O.D.	9.29	NOZZLE	30	PH															
TEST B.O.P.		STB. BODY O.D.	3.35	SER. NO.	914517	SO. CONT. N															
CUT OFF DRILLING LINE		RHR. BODY O.D.	5.35	DEPTH OUT	61	PRESSURE GRADIENT															
REPAIR RIG	2	RHR. BODY O.D.	.63	DEPTH IN	61																
CORING		BIT OR C.B.	FT.	TOTAL FTG.	82	MUD & CHEMICALS ADDED															
WIRE LINE LOGGING		KELLY DOWN	31	TOTAL HR. RUN	10 1/2	TYPE															
RUNNING CASING & CEMENTING	3	TOTAL	81	COND. OF BIT	DRIG																
WAITING ON CEMENT	8	WT. OF STRING	22,000	REARMER NO.																	
DRILL STEM TEST																					
OTHER																					
FISHING																					

DRILLING CREW PAYROLL DATA

DATE **AUGUST 28th 1974**
 WELL NAME & NO. **LAC NOIR NO.1 NEIGETTE**
 COMPANY **SOQUIP**
 TOOL PUSHER **R. MABNAN** RIG NO. **22**

MORNING TOUR 12:00 P.M. 8:00 A.M.			
CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. OUIMET	8
DRISMAN		B. DESCHENES	8
MTRMAN		C. MONGEON	8
FIREMAN		A. OTIS	8
FLRMAN			
FLRMAN			
FLRMAN			

DAY TOUR 8:00 A.M. 4:00 P.M.			
CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		R. TURRIFF	12
DRISMAN		T. TURRIFF	8
MTRMAN		M. BELANGER	8
FIREMAN		J. SEM	8
FLRMAN			
FLRMAN			
FLRMAN			

EVENING TOUR 4:00 P.M. 12:00 P.M.			
CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. OUIMET	4
DRISMAN		R. GIRARD	8
MTRMAN		B. TALLON	8
FIREMAN		A. SIM	8
FLRMAN			
FLRMAN			
FLRMAN			

DAILY DRILLING REPORT

REPORT NO. 21 DATE AUG. 27/74

OPERATOR SOQUIP

CONTRACTOR REGENT DRILLING LTD.

LEASE LAC NOIR NO. 1 NEIGETTE

WELL NO. 1

FIELD OR DIST. NEIGETTE

COUNTY RIMOUSKI

STATE QUEBEC

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER

TIME DISTRIBUTION - HOURS

DRILLING ASSEMBLY AT END OF TOUR

BIT RECORD

MUD RECORD

FOOTAGE

FORMATION (SHOW CORE RECOVERY)

ROTARY RPM

WT. ON BIT 1000 LBS

PUMP PRESS

PUMP NO.

PUMP NO.

METHOD RUN

DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

DRILL 12" HOLE

CHANGE DRILLER OF HAMMER / RUN IN

SURVEY

WORK ON WATER LINE

1.050 AER CUBIC FOOT PER MIN.

WORK ON WATER LINE

PULL OUT REMOVE ROTATING HEAD

LAY DOWN ALL 9" PICK UP NEW STRINGS

Hook up Flow Nipple Flow LINE

RUN IN / PREPARE TO CIRCULATE

BUILD VOLUME IN MUD TANK

DRILL 8 3/4" HOLE

DRILLING CREW PAYROLL DATA

DATE AUG 27/74

WELL NAME & NO. LAC NOIR NO. 1 NEIGETTE

COMPANY SOQUIP

TOOL PUSHER R. MAGNAN

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. OUMET	8
DRAWMAN		R. DESCHENES	8
MTRMAN		C. MONGEON	8
FIREMAN		L. OTIS	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS SINCE LAST LOST-TIME ACCIDENT

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		R. THARRIFF	12
DRAWMAN		T. THARRIFF	8
MTRMAN		M. BELANGER	8
FIREMAN		Y. SIM	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS SINCE LAST LOST-TIME ACCIDENT

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. OUMET	4
DRAWMAN		R. GIRARD	8
MTRMAN		B. TALLON	8
FIREMAN		A. SIM	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS SINCE LAST LOST-TIME ACCIDENT

DAILY DRILLING REPORT

REPORT NO. DATE **AUGUST 25/74**

OPERATOR **SOQUIP** LEASE **LAC NOIR** WELL NO. **1** FIELD OR DIST. **NEGETTE** COUNTY **ROMOUSKI** STATE **QUE**

CONTRACTOR **REGENT DRILLING LTD.** RIG NO. **22** DRILL PIPE STRING NO. **22** TOOL JOINT TYPE THD. **1** PUMPS NO. **1** MANUFACTURER **1** TYPE **1** STROKE LENGTH **1** LAST CASING TUBING OR LINER **1** SIZE **1** MAKE **1** WT. & GR. **1** NO. JOINTS **1** FEET **1** BCR. TO CSC. NO. **1** SET AT **1** REMARKS **1**

SIGNATURE OF OPERATOR'S REPRESENTATIVE **R. Magnan** SIGNATURE OF CONTRACTOR'S TOOL PUSHER **R. Magnan**

TIME DISTRIBUTION—HOURS				DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		PUMP NO.		PUMP NO.		METHOD RUN	
NO.	STANDS D.P.	FT.	BIT NO.	TIME	NO.	STANDS D.P.	FT.	BIT NO.	TIME	NO.	STANDS D.P.	FT.	BIT NO.	TIME	NO.	STANDS D.P.	FT.	BIT NO.	TIME
REG UP & TEAR DOWN																			
DRILLING ACTUAL																			
REARMS																			
CONDITIONING MUD & CIRCULATING																			
TRIPS																			
LUBRICATE RIG																			
DEVIATION SURVEY																			
TEST S.O.P.																			
OUT OFF DRILLING LINE																			
REPAIR RIG																			
CORING																			
WIRE LINE LOGGING																			
RUNNING CASING & CEMENTING																			
SETTING ON CEMENT																			
DRILL STEM TEST																			
OTHER																			
FISHING																			
A. PERFORATING																			
B. TUBING TRIPS																			
C. SWABBING																			
D. TESTING																			
E. ADDITIONAL																			
TOTALS																			
TIME SUMMARY (OFFICE USE ONLY)																			
DAY WORK																			
HRS. W/D																			
HRS. W/DP																			
HRS. STANDBY																			
TOTAL DAY WORK																			
WIRE LINE RECORD																			
REEL NO.																			
NO. OF LINES																			
FEET SLIPPED																			
FEET CUT OFF																			
PRESENT LENGTH																			
TEN H. OF TRIPS SINCE LAST CUT																			
CUMULATIVE TON MI. OF TRIPS																			
NO. OF DAYS FROM SPUD																			
CUMULATIVE ROTATING HRS.																			

DRILLER **Leonard Dumont**

DRILLING CREW PATROLL DATA

DATE **AUGUST 25/74**
 WELL NAME & NO. **LAC NOIR NO.1 NEGETTE**
 COMPANY **SOQUIP**
 TOOL PUSHER **R. MAGNAN** RIG NO. **22**

MORNING TOUR				P.M.	A.M.
CREW	SOC. SEC. NO.	NAME	HRS.		
DRILLER		G. QUIMET	8		
DRKMAN		B. DESCHENES	8		
MTRMAN		C. MONGEON	8		
FIREMAN		L. HAMEL	2		
FLRMAN					
FLRMAN					
FLRMAN					

DAY TOUR				8:00 A.M.	4:00 P.M.
CREW	SOC. SEC. NO.	NAME	HRS.		
DRILLER		R. TARRIFF	12		
DRKMAN		T. TARRIFF	8		
MTRMAN		M. BELANGER	8		
FIREMAN		G. SIM	8		
FLRMAN					
FLRMAN					
FLRMAN					

*Dr. Mc Cormick 12
 watching well & assist
 rat block
 for logs*

EVENING TOUR				4:00 P.M.	12:00 A.M.
CREW	SOC. SEC. NO.	NAME	HRS.		
DRILLER		G. QUIMET	4		
DRKMAN		R. GIRARD	14		
MTRMAN		B. TARDON	8		
FIREMAN		A. SIM	8		
FLRMAN		L. OTIS	8		
FLRMAN					
FLRMAN					

DAILY DRILLING REPORT

REPORT NO. _____ DATE AUGUST 21st 1974

OPERATOR SOQUIP LEASE LAC NOIR NO1 NEIBETTE WELL NO. 1 FIELD OR DIST. _____ COUNTY RIMOUSKI STATE QUEBEC

CONTRACTOR REGENT DRILLING LTD. NO. 1 DRILL PIPE STAND TOOL JOINT O.B. PUMPS _____

SIGNATURE OF OPERATOR'S REPRESENTATIVE _____ SIGNATURE OF CONTRACTOR'S TOOL PUSHER [Signature]

NO. 1 MANUFACTURER _____ TYPE _____ LENGTH _____ LAST CASING TURNING OR LINER _____

SIZE _____ NAME _____ WT. & GR. _____ NO. JOINTS _____ FEET _____ REV. TO CNO. NO. _____ SET AT _____ REMARKS _____

TIME DISTRIBUTION—HOURS

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD	MUD RECORD	POSTAGE	DEVIATION RECORD	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT	PUMP PRESS	PUMP NO.	PUMP NO.	METHOD RUN
STANDS D.P.	FT.	BIT NO.	TIME	FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM
SHALES B.P.	FT.	SIZE	WEIGHT									
D.C.	FT.	NFG.	VISC.—SEC									
L.B. O.B.	FT.	TYPE	W.L.—C.C.									
L.B. O.B.	FT.	NOZZLE	FLTR. CL.									
STB. BODY O.B.	FT.	SIZE	PH									
STB. BODY O.B.	FT.	SR. NO.	SD. CONT. S.									
STB. BODY O.B.	FT.	DEPTH OUT	PERFOR. GRADIENT									
STB. BODY O.B.	FT.	DEPTH IN										
STB. BODY O.B.	FT.	TOTAL FTS.	MUD & CHEMICALS ADDED									
STB. BODY O.B.	FT.	TOTAL W.L. RUN	TYPE	AMT.	TYPE	AMT.						
STB. BODY O.B.	FT.	COND. OF BIT										
STB. BODY O.B.	FT.	REAMER NO.										
STB. BODY O.B.	FT.	REAMER TYPE										
STB. BODY O.B.	FT.	DRILLER										

DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

WATCHING RIG

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK _____

WEL. W/BP _____

WEL. W/OBP _____

WEL. STANDBY _____

TOTAL DAY WORK _____

WIRE LINE RECORD

WEL. NO. _____

NO. OF LINES _____

FEET SLIPPED _____

FEET CUT OFF _____

PRESENT LENGTH _____

TON IN OR TONS SINCE LAST OUT _____

CUMULATIVE TON IN OR TONS FROM 1972 _____

NO. OF DAYS FROM 1972 _____

CUMULATIVE RETATING NOS. _____

DRILLING CREW PAYROLL DATA

DATE AUGUST 21st 1974

WELL NAME & NO. LAC NOIR NO. 1 NEIBETTE

COMPANY SOQUIP

TOOL PUSHER _____ RIG NO. _____

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT _____

DAY TOUR

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		<u>G. QUIMET</u>	<u>12</u>
DRAWMAN		<u>R. TURRIFF</u>	<u>12</u>
MTRMAN		<u>C. MONGEON</u>	<u>12</u>
FIREMAN		<u>L. OTIS</u>	<u>12</u>
FLRMAN		<u>A. SIM</u>	<u>12</u>
FLRMAN			
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT _____

DAY TOUR

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		<u>T. TURRIFF</u>	<u>12</u>
DRAWMAN		<u>J.M. BELANGER</u>	<u>12</u>
MTRMAN		<u>G. SIM</u>	<u>12</u>
FIREMAN		<u>L. HAMEL</u>	<u>12</u>
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT _____

EVENING TOUR

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER			
DRAWMAN			
MTRMAN		<u>B. TALON</u>	<u>8</u>
FIREMAN			
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT _____

DAILY DRILLING REPORT

REPORT NO. _____ DATE Aug 19 - 1974 new lease, Rimouski

OPERATOR _____ LEASE _____

CONTRACTOR **REGENT DRILLING LTD.** RIG NO. _____

SIGNATURE OF OPERATOR'S REPRESENTATIVE _____

WELL NO. _____ FIELD OR DIST. _____ COUNTY _____ STATE _____

DRILL PIPE STRING NO. _____ SIZE _____ TYPE THD. _____

TOOL JOINT _____

PUMPS NO. _____ MANUFACTURER _____ TYPE _____ STROKES PER MIN. _____

LAST CASING TUBING OR LINER _____

SIZE _____ MAKE _____ WT. & GR. _____ NO. JOINTS _____ FEET _____ RKB. TO CSG. NO. _____ SET AT _____ REMARKS _____

TIME DISTRIBUTION—HOURS

	MON	TUE	WED	THU	FRI	SAT	SUN
BIG UP & TEAR DOWN							
DRILLING ACTUAL							
REAMING							
CONDITIONING MUD & CIRCULATING							
TRIPS							
LUBRICATE RIG							
DEVIATION SURVEY							
TEST S.G.P.							
CUT OFF DRILLING LIMS							
REPAIR RIG							
CORING							
WIRE LINE LOGGING							
RUNNING CASING & CEMENTING							
WAITING ON CEMENT							
DRILL STEM TEST							
OTHER							
FISHING							
CONNECTION WORK							
A. PERFORATING							
B. TURNING TRIPS							
C. STABBING							
D. TESTING							
E. ADDITIONAL							
TOTALS							
TIME SUMMARY (OFFICE USE ONLY)							
DAY WORK							
HRS. W/D							
HRS. NO/OP							
HRS. STANDBY							
TOTAL DAY WORK							
WIRE LINE RECORD							
REEL NO.							
NO. OF LINES							
SIZE							
FEET SLIPPED							
FEET CUT OFF							
PRESENT LENGTH							
TON M. OR TRIPS SINCE LAST CUT							
CUMULATIVE TON M. OR TRIPS FROM 5000							
NO. OF DAYS FROM 5000							
CUMULATIVE ROTATING HRS.							

NO. DRILLING ASSEMBLY AT END OF TOUR

BIT RECORD

STANDS D.P. FT. BIT NO. _____

SINGLES D.P. FT. SIZE _____

D.C. _____

I.D. O.D. FT. TYPE _____

D.C. _____

I.D. O.D. FT. NOZZLE NO. _____

STB. BODY O.D. FT. SER. NO. _____

STB. BODY O.D. FT. DEPTH OUT _____

STB. BODY O.D. FT. DEPTH IN _____

SUBS O.D. FT. TOTAL FTG. _____

BIT OR C.B. FT. TOTAL HR. RUN _____

KELLY DOWN FT. COND. OF BIT _____

TOTAL FT. REAMER NO. _____

WT. OF STRING LBS. REAMER TYPE _____

MUD RECORD

TIME _____

WEIGHT _____

VISC.-SEC _____

W.L.-C.C. _____

FLTR. CK. _____

PH _____

SO. CONT. % _____

PRESSURE GRADIENT _____

MUD & CHEMICALS ADDED

TYPE _____ AMT. _____

FOOTAGE

FROM _____ TO _____

DEVIATION RECORD

DEPTH _____ DEVIATION _____ DIRECTION _____

DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

WATCHING RIG

DRILLING CREW PAYROLL DATA

DATE Aug 19 1974

WELL NAME & NO. _____

COMPANY _____

TOOL PUSHER _____ RIG NO. _____

MORNING TOUR			
CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. OUMET	10
DRAWMAN		R. TURRIFF	8
MTRMAN		G. MONSEON	8
FIREMAN		A. SIM	9
FLRMAN			
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR			
CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		J.M. BELANGER	9
DRAWMAN		G. SIM	8
MTRMAN			
FIREMAN			
FLRMAN			
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR			
CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER			
DRAWMAN			
MTRMAN			
FIREMAN			
FLRMAN			
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

20 X 13

Ministère des Richesses Naturelles, Québec

SERVICE DE LA

DOCUMENTATION TECHNIQUE

Date: 8 - MAI 1976

No. CM: 30338

DAILY DRILLING REPORT

OPERATOR **SOQUIP** LEASE **LAC NOIR NO. 1 NEIGETTE** REPORT NO. **40** DATE **SEPT 17/1974**

CONTRACTOR **REGENT DRILLING LTD.** RIG NO. **222** DRILL PIPE STING **5 5/8"** TOOL JOINT **5 5/8"** PUMPS

SIGNATURE OF OPERATOR'S REPRESENTATIVE *[Signature]* SIGNATURE OF CONTRACTOR'S TOOL JOINT *[Signature]*

WELL NO. **NEIGETTE** FIELD OR DIST. **NEIGETTE** COUNTY **RIMOUSKI** STATE **QUEBEC**

NO. **24-P** TYPE **14"** LAST CASING JOINT OR LINE

SIZE **9 3/8"** MAKE **36** WT. & GR. **23** FEET **932** SET AT **828** REMARKS

NO. **1** MANUFACTURER **OILWELL** TYPE **24-P** STROKE **14"**

NO. **2** MANUFACTURER **GRINDING DENVER** TYPE **24-P** STROKE **14"**

NO. **3** MANUFACTURER **GRINDING DENVER** TYPE **24-P** STROKE **14"**

TIME DISTRIBUTION - HOURS

RIG UP & TEAR DOWN **7/4 7 1/2**

DRILLING ACTUAL **7/4 7 1/2**

REAMING

CONDITIONING MUD & CIRCULATING

TRIPS

LUBRICATE RIG

DEVIATION SURVEY **7/4 1 1/2**

TEST B.O.P.

CUT OFF DRILLING LINE

REPAIR RIG

CORING

WIRE LINE LOGGING

REWORKING CASING & CEMENTING

WAITING ON CEMENT

DRILL STEM TEST

OTHER

FINISHING

A. PERFORATING

B. TUBING TRIPS

C. SWABBING

D. TESTING

E. ADDITIONAL

TOTALS **8 8 18**

TIME SUMMARY (OFF USE ONLY)

DAY WORK

HRS. W/D

HRS. W/O

HRS. STANDBY

WIRE LINE RECORD

REEL NO.

NO. OF LINES **8** SIZE **1 1/8"**

FEET SLEPPED **42**

FEET CUT OFF **42**

PRESENT LENGTH **3668**

TON M. OR TRIPS SINCE LAST CUT **207**

CUMULATIVE TON M. OR TRIPS **453**

TON OF DAYS FROM SPUD **23**

CUMULATIVE ROTATING HRS.

DRILLING ASSEMBLY AT END OF TOUR

STANDS D.P. **22 30.88**

SHOLES D.P. **555.53**

NO. **1** D.C. **555.53**

NO. **2** D.C. **555.53**

NO. **3** D.C. **555.53**

NO. **4** D.C. **555.53**

NO. **5** D.C. **555.53**

NO. **6** D.C. **555.53**

NO. **7** D.C. **555.53**

NO. **8** D.C. **555.53**

NO. **9** D.C. **555.53**

NO. **10** D.C. **555.53**

NO. **11** D.C. **555.53**

NO. **12** D.C. **555.53**

NO. **13** D.C. **555.53**

NO. **14** D.C. **555.53**

NO. **15** D.C. **555.53**

NO. **16** D.C. **555.53**

NO. **17** D.C. **555.53**

NO. **18** D.C. **555.53**

NO. **19** D.C. **555.53**

NO. **20** D.C. **555.53**

NO. **21** D.C. **555.53**

NO. **22** D.C. **555.53**

NO. **23** D.C. **555.53**

NO. **24** D.C. **555.53**

NO. **25** D.C. **555.53**

NO. **26** D.C. **555.53**

NO. **27** D.C. **555.53**

NO. **28** D.C. **555.53**

NO. **29** D.C. **555.53**

NO. **30** D.C. **555.53**

NO. **31** D.C. **555.53**

NO. **32** D.C. **555.53**

NO. **33** D.C. **555.53**

NO. **34** D.C. **555.53**

NO. **35** D.C. **555.53**

NO. **36** D.C. **555.53**

NO. **37** D.C. **555.53**

NO. **38** D.C. **555.53**

NO. **39** D.C. **555.53**

NO. **40** D.C. **555.53**

NO. **41** D.C. **555.53**

NO. **42** D.C. **555.53**

NO. **43** D.C. **555.53**

NO. **44** D.C. **555.53**

NO. **45** D.C. **555.53**

NO. **46** D.C. **555.53**

NO. **47** D.C. **555.53**

NO. **48** D.C. **555.53**

NO. **49** D.C. **555.53**

NO. **50** D.C. **555.53**

NO. **51** D.C. **555.53**

NO. **52** D.C. **555.53**

NO. **53** D.C. **555.53**

NO. **54** D.C. **555.53**

NO. **55** D.C. **555.53**

NO. **56** D.C. **555.53**

NO. **57** D.C. **555.53**

NO. **58** D.C. **555.53**

NO. **59** D.C. **555.53**

NO. **60** D.C. **555.53**

NO. **61** D.C. **555.53**

NO. **62** D.C. **555.53**

NO. **63** D.C. **555.53**

NO. **64** D.C. **555.53**

NO. **65** D.C. **555.53**

NO. **66** D.C. **555.53**

NO. **67** D.C. **555.53**

NO. **68** D.C. **555.53**

NO. **69** D.C. **555.53**

NO. **70** D.C. **555.53**

NO. **71** D.C. **555.53**

NO. **72** D.C. **555.53**

NO. **73** D.C. **555.53**

NO. **74** D.C. **555.53**

NO. **75** D.C. **555.53**

NO. **76** D.C. **555.53**

NO. **77** D.C. **555.53**

NO. **78** D.C. **555.53**

NO. **79** D.C. **555.53**

NO. **80** D.C. **555.53**

NO. **81** D.C. **555.53**

NO. **82** D.C. **555.53**

NO. **83** D.C. **555.53**

NO. **84** D.C. **555.53**

NO. **85** D.C. **555.53**

NO. **86** D.C. **555.53**

NO. **87** D.C. **555.53**

NO. **88** D.C. **555.53**

NO. **89** D.C. **555.53**

NO. **90** D.C. **555.53**

NO. **91** D.C. **555.53**

NO. **92** D.C. **555.53**

NO. **93** D.C. **555.53**

NO. **94** D.C. **555.53**

NO. **95** D.C. **555.53**

NO. **96** D.C. **555.53**

NO. **97** D.C. **555.53**

NO. **98** D.C. **555.53**

NO. **99** D.C. **555.53**

NO. **100** D.C. **555.53**

NO. **101** D.C. **555.53**

NO. **102** D.C. **555.53**

NO. **103** D.C. **555.53**

NO. **104** D.C. **555.53**

NO. **105** D.C. **555.53**

NO. **106** D.C. **555.53**

NO. **107** D.C. **555.53**

NO. **108** D.C. **555.53**

NO. **109** D.C. **555.53**

NO. **110** D.C. **555.53**

NO. **111** D.C. **555.53**

NO. **112** D.C. **555.53**

NO. **113** D.C. **555.53**

NO. **114** D.C. **555.53**

NO. **115** D.C. **555.53**

NO. **116** D.C. **555.53**

NO. **117** D.C. **555.53**

NO. **118** D.C. **555.53**

NO. **119** D.C. **555.53**

NO. **120** D.C. **555.53**

NO. **121** D.C. **555.53**

NO. **122** D.C. **555.53**

NO. **123** D.C. **555.53**

NO. **124** D.C. **555.53**

NO. **125** D.C. **555.53**

NO. **126** D.C. **555.53**

NO. **127** D.C. **555.53**

NO. **128** D.C. **555.53**

NO. **129** D.C. **555.53**

NO. **130** D.C. **555.53**

NO. **131** D.C. **555.53**

NO. **132** D.C. **555.53**

NO. **133** D.C. **555.53**

NO. **134** D.C. **555.53**

NO. **135** D.C. **555.53**

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NO. **367** D.C. **555.53**

NO.

DATE Sept 18/1974

DRILLING CREW PAYROLL DATA

DATE SEPT. 18/1974

WELL NAME & NO. LAC NOIR NO.1 NEIGETTE

COMPANY SOA 41P

TOOL PUSHER T. HIBBARD

PIC NO. 22

[illegible]

NO. OF DAYS		SINCE LAST LOST TIME ACCIDENT	
DAY TOUR		8:00	A.M. 4:00
		P.M.	
CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		R. THARIFF	8
DRKMAN		T. THARIFF	8
WTRMAN		M. BELANGER	8
FIREMAN		Y. SIM	8
FLRMAN		L. OTIS	8
FLRMAN			
FLRMAN			

[illegible]

DAILY DRILLING REPORT

REPORT NO. 42 DATE Sept 19/1974

OPERATOR **SOQUIP** LEASE **LAC NOIR NO. 1 NEIGETTE** WELL NO. **1** FIELD OR DIST. **NEIGETTE** COUNTY **RIMOUSKI** STATE **QUEBEC**

CONTRACTOR **REGENT DRILLING LTD.** RIG NO. **22** DRILL PIPE STENO. **5 1/2** 6" O.D. PUMPS **1** SIZE **36** MAKE **23** HT. & GR. **832** NO. JOINTS **828** SET AT **828** REMARKS

SIGNATURE OF OPERATOR'S REPRESENTATIVE *[Signature]* SIGNATURE OF CONTRACTOR'S TOOL PUSHER *[Signature]* NO. **1** MANUFACTURER **OLWELL** TYPE **214-P** STROKE LENGTH **14"** LAST CASING TUBING OR LINER **8"**

NO. **1** DRILLING ASSEMBLY AT END OF TOUR

STANDS D.P. **2635.38** FT. BIT NO. **5** TIME **1:00** **4:00** **7:00**

SINGLES D.P. **18** **6 1/4** **555.53** SIZE **8 3/4** WEIGHT **84** **84** **84** **3150** **3225** **75**

D.C. **6 1/4** **555.53** WFC **REED** VISC-SEC **28** **28** **28**

I.D. O.D. **5.53** TYPE **F62J** W.L.-C.C. **28** **28** **28**

S.C. **5.53** NOZZLE **1 1/2** FLTR. CK. **1 1/2**

STD. BODY O.D. **6.54** SER. NO. **70884** PH **1**

STD. BODY O.D. **6.54** DEPTH OUT **2476** SD. CONT. % **100**

STD. BODY O.D. **6.54** DEPTH IN **2476** PRESSURE GRADIENT **1**

SUBS O.D. **5.33** TOTAL FTG. **149** MUD & CHEMICALS ADDED

BIT OR C.D. **5.33** TOTAL HR. RUN **69.74** TYPE **DRG**

KELLY DOWN **22.35** COND. OF BIT **DRG**

TOTAL **3225** REAMER NO. **DRG**

WT. OF STRING **80,000** LBS. REAMER TYPE **DRG** DRILLER **Léonard Guimet**

FOOTAGE FROM **3150** TO **3225** CORE NO. **75** FORMATION (SHOW CORE RECOVERY) **54** **25** **1050** **5 1/2** **5"** **180** **54**

DEVIATION RECORD DEPTH **3150** DEVIATION **85°** DIRECTION **DR** DEPTH **3150** DEVIATION **85°** DIRECTION **DR**

DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

12:00 3:00 **3** **DRILL 8 3/4" HOLE**

3:00 3:15 **4** **SURVEY RIG SERVICE**

3:15 8:00 **4 1/4** **DRILL 8 3/4" HOLE**

NO. **2** DRILLING ASSEMBLY AT END OF TOUR

STANDS D.P. **2635.38** FT. BIT NO. **5** TIME **10:00** **12:00** **2:00**

SINGLES D.P. **18** **6 1/4** **555.53** SIZE **8 3/4** WEIGHT **84** **84** **84** **3225** **3277** **52**

D.C. **6 1/4** **555.53** WFC **REED** VISC-SEC **28** **28** **28**

I.D. O.D. **5.53** TYPE **F62J** W.L.-C.C. **28** **28** **28**

S.C. **5.53** NOZZLE **1 1/2** FLTR. CK. **1 1/2**

STD. BODY O.D. **6.54** SER. NO. **70884** PH **1**

STD. BODY O.D. **6.54** DEPTH OUT **2476** SD. CONT. % **100**

STD. BODY O.D. **6.54** DEPTH IN **2476** PRESSURE GRADIENT **1**

SUBS O.D. **5.33** TOTAL FTG. **149** MUD & CHEMICALS ADDED

BIT OR C.D. **5.33** TOTAL HR. RUN **75** TYPE **DRG**

KELLY DOWN **11.42** COND. OF BIT **DRG**

TOTAL **3277.00** REAMER NO. **DRG**

WT. OF STRING **80,000** LBS. REAMER TYPE **DRG** DRILLER **Ray Luriff**

FOOTAGE FROM **3225** TO **3277** CORE NO. **52** FORMATION (SHOW CORE RECOVERY) **52** **25** **1000** **5 1/2** **5"** **178**

DEVIATION RECORD DEPTH **3225** DEVIATION **85°** DIRECTION **DR** DEPTH **3225** DEVIATION **85°** DIRECTION **DR**

DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

8:00 10:00 **4** **DRILL**

10:00 10:15 **4** **Survey RIG Service**

10:15 2:30 **4 1/4** **DRILL**

2:30 4:00 **1 1/2** **pull out for cut.**

NO. **3** DRILLING ASSEMBLY AT END OF TOUR

STANDS D.P. **2635.38** FT. BIT NO. **6** TIME **7:00** **11:30**

SINGLES D.P. **18** **6 1/4** **555.53** SIZE **8 3/4** WEIGHT **84** **84** **84** **3277** **3328** **51**

D.C. **6 1/4** **555.53** WFC **REED** VISC-SEC **28** **28** **28**

I.D. O.D. **5.53** TYPE **F62J** W.L.-C.C. **28** **28** **28**

S.C. **5.53** NOZZLE **3** FLTR. CK. **3**

STD. BODY O.D. **3.27** SER. NO. **48498** PH **1**

STD. BODY O.D. **3.27** DEPTH OUT **3277** SD. CONT. % **100**

STD. BODY O.D. **3.27** DEPTH IN **3277** PRESSURE GRADIENT **1**

SUBS O.D. **3.23** TOTAL FTG. **51** MUD & CHEMICALS ADDED

BIT OR C.D. **3.23** TOTAL HR. RUN **5 1/2** TYPE **DRG**

KELLY DOWN **35.75** COND. OF BIT **DRG**

TOTAL **35.75** REAMER NO. **DRG**

WT. OF STRING **80,000** LBS. REAMER TYPE **DRG** DRILLER **Garry McGill**

FOOTAGE FROM **3277** TO **3328** CORE NO. **51** FORMATION (SHOW CORE RECOVERY) **52** **25** **1000** **5 1/2** **5"** **178**

DEVIATION RECORD DEPTH **3277** DEVIATION **85°** DIRECTION **DR** DEPTH **3277** DEVIATION **85°** DIRECTION **DR**

DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

4:00 4:15 **4 1/4** **finish out - Check Blind Rammer.**

4:15 6:15 **1 1/2** **Ram on w/ 8 3/4 Bit**

6:15 6:30 **1/4** **Survey**

6:30 12:00 **5 1/2** **DRILL**

DUMP SHAKER **TRX**

DRILLING CREW PATROLL DATA

DATE **SEPT. 19/1974**

WELL NAME & NO. **LAC NOIR NO. 1 NEIGETTE**

COMPANY **SOQUIP**

TOOL PUSHER **J. HIBBARD** RIG NO. **22**

MORNING TOUR **12:00** P.M. **8:00** A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. GUIMET	8
DRKMAN		R. DESCHENES	8
MTRMAN		C. MOMBEDJ	8
FIRMAN		L. HAMEL	8
FLMAN			
FLMAN			
FLMAN			

NO. OF DAYS **1** SINCE LAST TIME ACCIDENT

DAY TOUR **8:00** A.M. **4:00** P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		R. TARRIFF	8
DRKMAN		T. TARRIFF	8
MTRMAN		M. BELANGER	8
FIRMAN		Y. SEM	8
FLMAN		L. OTIS	8
FLMAN			
FLMAN			

NO. OF DAYS **1** SINCE LAST TIME ACCIDENT

EVENING TOUR **4** P.M. **12** P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. MOZILL	8
DRKMAN		R. GIRARD	8
MTRMAN		B. TALLON	8
FIRMAN		A. SIM	8
FLMAN			
FLMAN			

NO. OF DAYS **1** SINCE LAST TIME ACCIDENT

DAILY DRILLING REPORT

REPORT NO. **29** DATE **Sept 15/1974**

OPERATOR SOQUIP		LEASE LAC NOIR NO. 1 NEIGETTE		WELL NO. 1	FIELD OR DIST. NEIGETTE	COUNTY RIMOUSKI	STATE QUEBEC	
CONTRACTOR REGENT DRILLING LTD.		RIG NO. 22	DRILL PIPE STRING 555.52	TOOL JOINT 5786	PUMPS			LAST CASING TUBING OR LINER
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>[Signature]</i>		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>[Signature]</i>		NO. 1 OIL WELL	TYPE 214 P	STROKE LENGTH 17"	SIZE 9 7/8"	HAKE 36
				NO. 2 GARDNER DENVER P.T.P.	TYPE 8"	STROKE LENGTH 8"	SIZE 36	HAKE 23
				NO. 3			FEET 832	REMARKS 828

TIME DISTRIBUTION - HOURS			DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		ROTARY		PUMP		PUMP NO. 1		PUMP NO. 2		METHOD		
RIG UP & TEAR DOWN	DRILLING ACTUAL	REAMING	STANDS D.P.	PT.	BIT NO.	TIME	WEIGHT	VISC.-SEC	W.L.-C.C.	FROM	TO	FORMATION	ROTARY	WT. ON BIT	PUMP PRESS	PUMP NO. 1	PUMP NO. 2	METHOD	ROTARY	WT. ON BIT	PUMP PRESS	PUMP NO. 1	PUMP NO. 2

MORNING TOUR			DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		ROTARY		PUMP		PUMP NO. 1		PUMP NO. 2		METHOD		
RIG UP & TEAR DOWN	DRILLING ACTUAL	REAMING	STANDS D.P.	PT.	BIT NO.	TIME	WEIGHT	VISC.-SEC	W.L.-C.C.	FROM	TO	FORMATION	ROTARY	WT. ON BIT	PUMP PRESS	PUMP NO. 1	PUMP NO. 2	METHOD	ROTARY	WT. ON BIT	PUMP PRESS	PUMP NO. 1	PUMP NO. 2

DAY TOUR			DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		ROTARY		PUMP		PUMP NO. 1		PUMP NO. 2		METHOD		
RIG UP & TEAR DOWN	DRILLING ACTUAL	REAMING	STANDS D.P.	PT.	BIT NO.	TIME	WEIGHT	VISC.-SEC	W.L.-C.C.	FROM	TO	FORMATION	ROTARY	WT. ON BIT	PUMP PRESS	PUMP NO. 1	PUMP NO. 2	METHOD	ROTARY	WT. ON BIT	PUMP PRESS	PUMP NO. 1	PUMP NO. 2

EVENING TOUR			DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		ROTARY		PUMP		PUMP NO. 1		PUMP NO. 2		METHOD		
RIG UP & TEAR DOWN	DRILLING ACTUAL	REAMING	STANDS D.P.	PT.	BIT NO.	TIME	WEIGHT	VISC.-SEC	W.L.-C.C.	FROM	TO	FORMATION	ROTARY	WT. ON BIT	PUMP PRESS	PUMP NO. 1	PUMP NO. 2	METHOD	ROTARY	WT. ON BIT	PUMP PRESS	PUMP NO. 1	PUMP NO. 2

DRILLING CREW PATROLL DATA

DATE **Sept 15/1974**

WELL NAME & NO. **LAC NOIR NO. 1 NEIGETTE**

COMPANY **SOQUIP**

TOOL PUSHER **J. HIBBARD** RIG NO. **22**

MORNING TOUR 12:00 P.M. 8:00 A.M.			
CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. BUIMET	8
DRAWER		R. DESCHENES	8
MTECHN		C. MONGEON	8
FIREMAN		L. HAMEL	8
FLRMAN			
FLRMAN			

DAY TOUR 8:00 A.M. 4:00 P.M.			
CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		H. TARRIEFF	12
DRAWER		T. TARRIEFF	12
MTECHN		M. BELANGER	12
FIREMAN		G. SIM	12
FLRMAN		L. OTIS	8
FLRMAN			
FLRMAN			

EVENING TOUR 4:00 P.M. 12:00 P.M.			
CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. BUIMET	4
DRAWER		R. DESCHENES	4
MTECHN		C. MONGEON	4
FIREMAN		L. HAMEL	4
FLRMAN			
FLRMAN			

100690

DAILY DRILLING REPORT

REPORT NO.

44

DATE

SEPT 24/74

OPERATOR SOQUIP		LEASE LAC NOIR NEIGETTE		WELL NO. 1		FIELD OR DIST. NEIGETTE		COUNTY REMOUNSKI		STATE QUEBEC	
CONTRACTOR REGENT DRILLING LTD.		DRILL PPS STROKES 58		TOOL JOINT 58		PUMPS		SIZE 9 1/2		HUSE 36	
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>[Signature]</i>		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>[Signature]</i>		NO. 1 DEL WEL		TYPE 24-P-14"		STOCKS 24-P-14"		LAST 24-P-14"	
TIME DISTRIBUTION - HOURS		NO. 2 555.53		NO. 3 555.53		NO. 4 555.53		NO. 5 555.53		NO. 6 555.53	
NO. 1 555.53		NO. 2 555.53		NO. 3 555.53		NO. 4 555.53		NO. 5 555.53		NO. 6 555.53	
NO. 7 555.53		NO. 8 555.53		NO. 9 555.53		NO. 10 555.53		NO. 11 555.53		NO. 12 555.53	
NO. 13 555.53		NO. 14 555.53		NO. 15 555.53		NO. 16 555.53		NO. 17 555.53		NO. 18 555.53	
NO. 19 555.53		NO. 20 555.53		NO. 21 555.53		NO. 22 555.53		NO. 23 555.53		NO. 24 555.53	
NO. 25 555.53		NO. 26 555.53		NO. 27 555.53		NO. 28 555.53		NO. 29 555.53		NO. 30 555.53	
NO. 31 555.53		NO. 32 555.53		NO. 33 555.53		NO. 34 555.53		NO. 35 555.53		NO. 36 555.53	
NO. 37 555.53		NO. 38 555.53		NO. 39 555.53		NO. 40 555.53		NO. 41 555.53		NO. 42 555.53	
NO. 43 555.53		NO. 44 555.53		NO. 45 555.53		NO. 46 555.53		NO. 47 555.53		NO. 48 555.53	
NO. 49 555.53		NO. 50 555.53		NO. 51 555.53		NO. 52 555.53		NO. 53 555.53		NO. 54 555.53	
NO. 55 555.53		NO. 56 555.53		NO. 57 555.53		NO. 58 555.53		NO. 59 555.53		NO. 60 555.53	
NO. 61 555.53		NO. 62 555.53		NO. 63 555.53		NO. 64 555.53		NO. 65 555.53		NO. 66 555.53	
NO. 67 555.53		NO. 68 555.53		NO. 69 555.53		NO. 70 555.53		NO. 71 555.53		NO. 72 555.53	
NO. 73 555.53		NO. 74 555.53		NO. 75 555.53		NO. 76 555.53		NO. 77 555.53		NO. 78 555.53	
NO. 79 555.53		NO. 80 555.53		NO. 81 555.53		NO. 82 555.53		NO. 83 555.53		NO. 84 555.53	
NO. 85 555.53		NO. 86 555.53		NO. 87 555.53		NO. 88 555.53		NO. 89 555.53		NO. 90 555.53	
NO. 91 555.53		NO. 92 555.53		NO. 93 555.53		NO. 94 555.53		NO. 95 555.53		NO. 96 555.53	
NO. 97 555.53		NO. 98 555.53		NO. 99 555.53		NO. 100 555.53		NO. 101 555.53		NO. 102 555.53	
NO. 103 555.53		NO. 104 555.53		NO. 105 555.53		NO. 106 555.53		NO. 107 555.53		NO. 108 555.53	
NO. 109 555.53		NO. 110 555.53		NO. 111 555.53		NO. 112 555.53		NO. 113 555.53		NO. 114 555.53	
NO. 115 555.53		NO. 116 555.53		NO. 117 555.53		NO. 118 555.53		NO. 119 555.53		NO. 120 555.53	
NO. 121 555.53		NO. 122 555.53		NO. 123 555.53		NO. 124 555.53		NO. 125 555.53		NO. 126 555.53	
NO. 127 555.53		NO. 128 555.53		NO. 129 555.53		NO. 130 555.53		NO. 131 555.53		NO. 132 555.53	
NO. 133 555.53		NO. 134 555.53		NO. 135 555.53		NO. 136 555.53		NO. 137 555.53		NO. 138 555.53	
NO. 139 555.53		NO. 140 555.53		NO. 141 555.53		NO. 142 555.53		NO. 143 555.53		NO. 144 555.53	
NO. 145 555.53		NO. 146 555.53		NO. 147 555.53		NO. 148 555.53		NO. 149 555.53		NO. 150 555.53	
NO. 151 555.53		NO. 152 555.53		NO. 153 555.53		NO. 154 555.53		NO. 155 555.53		NO. 156 555.53	
NO. 157 555.53		NO. 158 555.53		NO. 159 555.53		NO. 160 555.53		NO. 161 555.53		NO. 162 555.53	
NO. 163 555.53		NO. 164 555.53		NO. 165 555.53		NO. 166 555.53		NO. 167 555.53		NO. 168 555.53	
NO. 169 555.53		NO. 170 555.53		NO. 171 555.53		NO. 172 555.53		NO. 173 555.53		NO. 174 555.53	
NO. 175 555.53		NO. 176 555.53		NO. 177 555.53		NO. 178 555.53		NO. 179 555.53		NO. 180 555.53	
NO. 181 555.53		NO. 182 555.53		NO. 183 555.53		NO. 184 555.53		NO. 185 555.53		NO. 186 555.53	
NO. 187 555.53		NO. 188 555.53		NO. 189 555.53		NO. 190 555.53		NO. 191 555.53		NO. 192 555.53	
NO. 193 555.53		NO. 194 555.53		NO. 195 555.53		NO. 196 555.53		NO. 197 555.53		NO. 198 555.53	
NO. 199 555.53		NO. 200 555.53		NO. 201 555.53		NO. 202 555.53		NO. 203 555.53		NO. 204 555.53	
NO. 205 555.53		NO. 206 555.53		NO. 207 555.53		NO. 208 555.53		NO. 209 555.53		NO. 210 555.53	
NO. 211 555.53		NO. 212 555.53		NO. 213 555.53		NO. 214 555.53		NO. 215 555.53		NO. 216 555.53	
NO. 217 555.53		NO. 218 555.53		NO. 219 555.53		NO. 220 555.53		NO. 221 555.53		NO. 222 555.53	
NO. 223 555.53		NO. 224 555.53		NO. 225 555.53		NO. 226 555.53		NO. 227 555.53		NO. 228 555.53	
NO. 229 555.53		NO. 230 555.53		NO. 231 555.53		NO. 232 555.53		NO. 233 555.53		NO. 234 555.53	
NO. 235 555.53		NO. 236 555.53		NO. 237 555.53		NO. 238 555.53		NO. 239 555.53		NO. 240 555.53	
NO. 241 555.53		NO. 242 555.53		NO. 243 555.53		NO. 244 555.53		NO. 245 555.53		NO. 246 555.53	
NO. 247 555.53		NO. 248 555.53		NO. 249 555.53		NO. 250 555.53		NO. 251 555.53		NO. 252 555.53	
NO. 253 555.53		NO. 254 555.53		NO. 255 555.53		NO. 256 555.53		NO. 257 555.53		NO. 258 555.53	
NO. 259 555.53		NO. 260 555.53		NO. 261 555.53		NO. 262 555.53		NO. 263 555.53		NO. 264 555.53	
NO. 265 555.53		NO. 266 555.53		NO. 267 555.53		NO. 268 555.53		NO. 269 555.53		NO. 270 555.53	
NO. 271 555.53		NO. 272 555.53		NO. 273 555.53		NO. 274 555.53		NO. 275 555.53		NO. 276 555.53	
NO. 277 555.53		NO. 278 555.53		NO. 279 555.53		NO. 280 555.53		NO. 281 555.53		NO. 282 555.53	
NO. 283 555.53		NO. 284 555.53		NO. 285 555.53		NO. 286 555.53		NO. 287 555.53		NO. 288 555.53	
NO. 289 555.53		NO. 290 555.53		NO. 291 555.53		NO. 292 555.53		NO. 293 555.53		NO. 294 555.53	
NO. 295 555.53		NO. 296 555.53		NO. 297 555.53		NO. 298 555.53		NO. 299 555.53		NO. 300 555.53	
NO. 301 555.53		NO. 302 555.53		NO. 303 555.53		NO. 304 555.53		NO. 305 555.53		NO. 306 555.53	
NO. 307 555.53		NO. 308 555.53		NO. 309 555.53		NO. 310 555.53		NO. 311 555.53		NO. 312 555.53	
NO. 313 555.53		NO. 314 555.53		NO. 315 555.53		NO. 316 555.53		NO. 317 555.53		NO. 318 555.53	
NO. 319 555.53		NO. 320 555.53		NO. 321 555.53		NO. 322 555.53		NO. 323 555.53		NO. 324 555.53	
NO. 325 555.53		NO. 326 555.53		NO. 327 555.53		NO. 328 555.53		NO. 329 555.53		NO. 330 555.53	
NO. 331 555.53		NO. 332 555.53		NO. 333 555.53		NO. 334 555.53		NO. 335 555.53		NO. 336 555.53	
NO. 337 555.53		NO. 338 555.53		NO. 339 555.53		NO. 340 555.53		NO. 341 555.53		NO. 342 555.53	
NO. 343 555.53		NO. 344 555.53		NO. 345 555.53		NO. 346 555.53		NO. 347 555.53		NO. 348 555.53	
NO. 349 555.53		NO. 350 555.53		NO. 351 555.53		NO. 352 555.53		NO. 353 555.53		NO. 354 555.53	
NO. 355 555.53		NO. 356 555.53		NO. 357 555.53		NO. 358 555.53		NO. 359 555.53		NO. 360 555.53	
NO. 361 555.53		NO. 362 555.53		NO. 363 555.53		NO. 364 555.53		NO. 365 555.53		NO. 366 555.53	
NO. 367 555.53		NO. 368 555.53		NO. 369 555.53		NO. 370 555.53		NO. 371 555.53		NO. 372 555.53	
NO. 373 555.53		NO. 374 555.53		NO. 375 555.53		NO. 376 555.53		NO. 377 555.53		NO. 378 555.53	
NO. 379 555.53		NO. 380 555.53		NO. 381 555.53		NO. 382 555.53		NO. 383 555.53		NO. 384 555.53	
NO. 385 555.53		NO. 386 555.53		NO. 387 555.53		NO. 388 555.53		NO. 389 555.53		NO. 390 555.53	
NO. 391 555.53		NO. 392 555.53		NO. 393 555.53		NO. 394 555.53		NO. 395 555.53		NO. 396 555.53	
NO. 397 555.53		NO. 398 555.53		NO. 399 555.53		NO. 400 555.53		NO. 401 555.53		NO. 402 555.53	
NO. 403 555.53		NO. 404 555.53		NO. 405 555.53		NO. 406 555.53		NO. 407 555.53		NO. 408 555.53	
NO. 409 555.53		NO. 410 555.53		NO. 411 555.53		NO. 412 555.53		NO. 413 555.53		NO. 414 555.53	
NO. 415 555.53		NO. 416 <									

DAILY DRILLING REPORT

REPORT NO. DATE Oct 11/74

OPERATOR Logan LEASE Les Noirs Magiste WELL NO. 1 FIELD OR DIST. Magiste COUNTY Kimourski STATE Quebec

CONTRACTOR RECENT DRILLING LTD. RIG NO. 22 DRILL PIPE JOINT NO. 22 PUMPS NO. 22 SIZE 22 MAKE 22 WT. & GR. 22 NO. JOINTS 22 FEET 22 RKB. TO CSG. HD. 22 SET AT 22 REMARKS 22

SIGNATURE OF OPERATOR'S REPRESENTATIVE Logan SIGNATURE OF CONTRACTOR'S TOOL PUSHER Logan

TIME DISTRIBUTION-HOURS

	MORN	DAY	EVE
BIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG			
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK			
A. PERFORATING			
B. TUBING TRIPS			
C. SKIDGING			
D. TESTING			
E. ADDITIONAL			
TOTALS			
TIME SUMMARY (OFFICE USE ONLY)			
DAY WORK			
HRS. W/D			
HRS. WO/D			
HRS. STANDBY			
TOTAL DAY WORK			
WIRE LINE RECORD			
REEL NO.			
NO. OF LINES			
FEET SLIPPED			
FEET CUT OFF			
PRESENT LENGTH			
TON W. OR TRIPS SINCE LAST CUT			
CUMULATIVE TON W. OR TRIPS			
NO. OF DAYS FROM SPO			
CUMULATIVE ROTATING HRS.			

NO. DRILLING ASSEMBLY AT END OF TOUR

BIT RECORD

MUD RECORD

FOOTAGE

FORMATION (SHOW CORE RECOVERY)

DEVIATION RECORD

DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

UNLOAD TRUCKS NEW LEASE

DRILLER David Quinn

NO. DRILLING ASSEMBLY AT END OF TOUR

BIT RECORD

MUD RECORD

FOOTAGE

FORMATION (SHOW CORE RECOVERY)

DEVIATION RECORD

DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

UNLOAD TRUCKS NEW LEASE

DRILLER David Quinn

NO. DRILLING ASSEMBLY AT END OF TOUR

BIT RECORD

MUD RECORD

FOOTAGE

FORMATION (SHOW CORE RECOVERY)

DEVIATION RECORD

DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

Load out trucks; clean up base.

DRILLER David Quinn

DRILLING CREW PAYROLL DATA

DATE Oct 11/74

WELL NAME & NO. Les Noirs Magiste

COMPANY Logan

TOOL PUSHER Logan RIG NO. 22

		MORNING TOUR		P.M.		A.M.	
CREW	SOC. SEC. NO.	NAME	HRS.				
DRILLER		G. BLUMET	10				
DRKMAN		R. DESCHENES	8				
MTKMAN		A. OTIS	8				
FIREMAN		R. JONES	10				
FLKMAN							
FLKMAN							
FLKMAN							
FLKMAN							

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

		DAY TOUR		P.M.		A.M.	
CREW	SOC. SEC. NO.	NAME	HRS.				
DRILLER		R. GIRARD	12				
DRKMAN		R. LABOUCANE	8				
MTKMAN		B. TALLON	12				
FIREMAN		R. BERUBE	8				
FLKMAN							
FLKMAN							
FLKMAN							
FLKMAN							

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

		EVENING TOUR		P.M.		A.M.	
CREW	SOC. SEC. NO.	NAME	HRS.				
DRILLER		G. MOZILL	12				
DRKMAN							
MTKMAN							
FIREMAN		A. SIM	12				
FLKMAN		W. SIM	12				
FLKMAN		K. TURRIFF	12				
FLKMAN							
FLKMAN							

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

DATE *Oct. 10/74*

TOOL PUSHER _____ RIG NO. 22NO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENTNO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENTNO. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

DAILY DRILLING REPORT

REPORT NO. DATE Oct 6, 74

OPERATOR Logan LEASE Lac noir negette WELL NO. 1 FIELD OR DIST. COUNTY Remoussi STATE Que

CONTRACTOR REGENCY DRILLING LTD. RIG NO. 1 TOOL JOINT NO. 1 PUMPS NO. 1 SIZE 1/2 MAKE 1 WT. & CR. 1 NO. JOINTS 1 FEET 1 SET AT 1 REMARKS

SIGNATURE OF OPERATOR'S REPRESENTATIVE Logan SIGNATURE OF CONTRACTOR'S TOOL PUSHER Logan

TIME DISTRIBUTION-HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
BEAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG			
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
FISHING			
COMPLETION WORK			
A. PERFORATING			
B. TUBING TRIPS			
C. SANDING			
D. TESTING			
E. ADDITIONAL			
TOTALS			
TIME SUMMARY (OFFICE USE ONLY)			
DAY WORK			
HRS. W/D			
HRS. W/D			
HRS. STANDBY			
TOTAL DAY WORK			
WIRE LINE RECORD			
REEL NO.			
NO. OF LINES			
FEET SLIPPED			
FEET CUT OFF			
PRESENT LENGTH			
TON M.L. OR TRIPS SINCE LAST CUT			
CUMULATIVE TON M.L. OR TRIPS			
NO. OF DAYS FROM START			
CUMULATIVE ROTATING HRS.			

NO. DRILLING ASSEMBLY AT END OF TOUR

BIT RECORD

MUD RECORD

FOOTAGE

FORMATION (SHOW CORE RECOVERY)

DEVIATION RECORD

DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

PAINT PREFAB RE STACK THEM

DRILLER Pierard Ousset

NO. DRILLING ASSEMBLY AT END OF TOUR

BIT RECORD

MUD RECORD

FOOTAGE

FORMATION (SHOW CORE RECOVERY)

DEVIATION RECORD

DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

CLEAN UP TO MOVE & TEAR OUT

Push up rest water line to date

DRILLER Ray Ousset

DRILLING CREW PAYROLL DATA

DATE OCT. 6/74

WELL NAME & NO.

COMPANY Logan

TOOL PUSHER Logan RIG NO.

MORNING TOUR			
CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER			
DEKMAN			
MTSMAN			
FIREMAN			
FLSMAN			
FLSMAN			
FLSMAN			

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

DAY TOUR			
CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		<u>C. GUIMET</u>	<u>9</u>
DEKMAN		<u>R. DESCHENES</u>	<u>9</u>
MTSMAN		<u>L. OTIS</u>	<u>9</u>
FIREMAN		<u>R. JONES</u>	<u>9</u>
FLSMAN			
FLSMAN			
FLSMAN			

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

EVENING TOUR			
CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		<u>P. GIRARD</u>	<u>9</u>
DEKMAN		<u>R. LABOUCANE</u>	<u>9</u>
MTSMAN		<u>B. TALLON</u>	<u>9</u>
FIREMAN		<u>R. BERUBE</u>	<u>9</u>
FLSMAN			
FLSMAN			
FLSMAN			

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

DAILY DRILLING REPORT

REPORT NO. 50 DATE SEPT 27/74

OPERATOR SOQUIP		LEASE LAC NOIR NEIGETTE		WELL NO. 1 FIELD OR DIST. NEIGETTE		COUNTY REMOUNSKI		STATE QUEBEC	
CONTRACTOR REGENT DRILLING LTD.		RIG NO. 22		PUMPS		SIZE		REMARKS	
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>Ron Verschoor</i>		SIGNATURE OF CONTRACTOR'S TOOL PUMPER <i>Ron Verschoor</i>		NO. 1 OIL NEIL 214-P 1 1/4"		NO. 2 GARDNER DENVER RFR 8"			

TIME DISTRIBUTION - HOURS		NO. DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		PUMP NO. 1		PUMP NO. 2		METHOD RUN	
DRILL UP & TRAIL DOWN		STANDS D.P.	FT.	BIT NO.	9	TIME	6:00	FROM	TO	DR. S. IN. S. CORE	NO.	ROTARY RPM	WT. ON BIT 1000 LBS.	PUMP PRESS	PUMP NO. 1	PUMP NO. 2	WELL S. IN. S. CORE
DRILLING ACTUAL	3 6 3/4	SINGLES D.P.	FT.	SIZE	8 3/4	WEIGHT	8.4	4625	4649	24		54	25	1000	5 1/2	5 1/2	66
DRILLING	3 6 3/4	D.C. 6 3/4	546.02	WFG.	AGS	VISC.-SEC	28										
CONCRETE PUMP & CIRCULATING		I.D. O.D.	FT.	TYPE	3.188	W.L.-C.C.											
TRIPS	1 1/2 3/4	D.C.		NOZZLE	1 1/2	FLTR. CK.	I										
LUBRICATE RIG		I.D. O.D.	FT.	SIZE	10 1/2	PH	P										
DEVIATION SURVEY	1 1/2 1/2	STL. BODY O.D.	FT.	SER. NO.	44129	SD. CONT. %											
TEST S.O.P.		STL. BODY O.D.	FT.	DEPTH OUT		PRESSURE GRADIENT											
CUT OFF DRILLING LINE	3/4	STL. BODY O.D.	FT.	DEPTH IN	4625	MUD & CHEMICALS ADDED											
REPAIR RIG		STL. BODY O.D.	FT.	TOTAL FTG.	24	TYPE											
CORING		STL. BODY O.D.	FT.	TOTAL HR. RUN	3	AMT.											
WELL LOG LOGGING		STL. BODY O.D.	FT.	COND. OF BIT	DRILL												
DRILLING CASING & CEMENTING		STL. BODY O.D.	FT.	REMARKS NO.													
WATERING ON CASING		STL. BODY O.D.	FT.	REMARKS TYPE													
DRILL STEM TEST		STL. BODY O.D.	FT.	DRILLER	<i>Ray Poirier</i>												
OTHER		STL. BODY O.D.	FT.														
FISHING		STL. BODY O.D.	FT.														

TIME SUMMARY (OFFICE USE ONLY)		NO. DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		PUMP NO. 1		PUMP NO. 2		METHOD RUN	
DRILL UP & TRAIL DOWN		STANDS D.P.	FT.	BIT NO.	9	TIME	8:20	FROM	TO	DR. S. IN. S. CORE	NO.	ROTARY RPM	WT. ON BIT 1000 LBS.	PUMP PRESS	PUMP NO. 1	PUMP NO. 2	WELL S. IN. S. CORE
DRILLING ACTUAL	8 8 8	SINGLES D.P.	FT.	SIZE	8 3/4	WEIGHT	8.4	4649	4695	46		50	25	1000	5 1/2	5 1/2	65
DRILLING	8 8 8	D.C. 6 3/4	546.02	WFG.	H.W.	VISC.-SEC	28										
CONCRETE PUMP & CIRCULATING		I.D. O.D.	FT.	TYPE	3.188	W.L.-C.C.											
TRIPS		D.C.		NOZZLE	1 1/2	FLTR. CK.	I										
LUBRICATE RIG		I.D. O.D.	FT.	SIZE	10 1/2	PH	P										
DEVIATION SURVEY		STL. BODY O.D.	FT.	SER. NO.	44129	SD. CONT. %											
TEST S.O.P.		STL. BODY O.D.	FT.	DEPTH OUT	4695	PRESSURE GRADIENT											
CUT OFF DRILLING LINE		STL. BODY O.D.	FT.	DEPTH IN	4625	MUD & CHEMICALS ADDED											
REPAIR RIG		STL. BODY O.D.	FT.	TOTAL FTG.	70	TYPE											
CORING		STL. BODY O.D.	FT.	TOTAL HR. RUN	9	AMT.											
WELL LOG LOGGING		STL. BODY O.D.	FT.	COND. OF BIT	run												
DRILLING CASING & CEMENTING		STL. BODY O.D.	FT.	REMARKS NO.													
WATERING ON CASING		STL. BODY O.D.	FT.	REMARKS TYPE													
DRILL STEM TEST		STL. BODY O.D.	FT.	DRILLER	<i>Blairy Mopit</i>												
OTHER		STL. BODY O.D.	FT.														
FISHING		STL. BODY O.D.	FT.														

TIME SUMMARY (OFFICE USE ONLY)		NO. DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		PUMP NO. 1		PUMP NO. 2		METHOD RUN	
DRILL UP & TRAIL DOWN		STANDS D.P.	FT.	BIT NO.	9	TIME	8:20	FROM	TO	DR. S. IN. S. CORE	NO.	ROTARY RPM	WT. ON BIT 1000 LBS.	PUMP PRESS	PUMP NO. 1	PUMP NO. 2	WELL S. IN. S. CORE
DRILLING ACTUAL	8 8 8	SINGLES D.P.	FT.	SIZE	8 3/4	WEIGHT	8.4	4695	4726	31		50	25	1000	5 1/2	5 1/2	66
DRILLING	8 8 8	D.C. 6 3/4	546.02	WFG.	H.W.	VISC.-SEC	28										
CONCRETE PUMP & CIRCULATING		I.D. O.D.	FT.	TYPE	3.188	W.L.-C.C.											
TRIPS		D.C.		NOZZLE	1 1/2	FLTR. CK.	I										
LUBRICATE RIG		I.D. O.D.	FT.	SIZE	10 1/2	PH	P										
DEVIATION SURVEY		STL. BODY O.D.	FT.	SER. NO.	44129	SD. CONT. %											
TEST S.O.P.		STL. BODY O.D.	FT.	DEPTH OUT	4625	PRESSURE GRADIENT											
CUT OFF DRILLING LINE		STL. BODY O.D.	FT.	DEPTH IN	4625	MUD & CHEMICALS ADDED											
REPAIR RIG		STL. BODY O.D.	FT.	TOTAL FTG.	101	TYPE											
CORING		STL. BODY O.D.	FT.	TOTAL HR. RUN	12 3/4	AMT.											
WELL LOG LOGGING		STL. BODY O.D.	FT.	COND. OF BIT	DRILL												
DRILLING CASING & CEMENTING		STL. BODY O.D.	FT.	REMARKS NO.													
WATERING ON CASING		STL. BODY O.D.	FT.	REMARKS TYPE													
DRILL STEM TEST		STL. BODY O.D.	FT.	DRILLER	<i>Gerard Dumet</i>												
OTHER		STL. BODY O.D.	FT.														
FISHING		STL. BODY O.D.	FT.														

DRILLING CREW PAYROLL DATA

DATE SEPT 27/74WELL NAME & NO. LAC NOIR #1COMPANY SOQUIPTOOL PUSHER RON VERSHOOR RIG NO. 22

MORNING TOUR 1200 P.M. 800 A.M.			
CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		<i>R. TARRIFF</i>	8
DRICMAN		<i>T. TARRIFF</i>	8
MTRMAN		<i>M. BELANGER</i>	8
FIREMAN		<i>G. SIM</i>	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT			
DAY TOUR 8 A.M. 4 P.M.			
CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		<i>G. MOZILL</i>	8
DRICMAN		<i>R. GIRARD</i>	8
MTRMAN		<i>B. TALLON</i>	8
FIREMAN		<i>A. SIM</i>	8
FLRMAN		<i>L. OTIS</i>	9
FLRMAN			
FLRMAN			

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT			
EVENING TOUR 4:00 P.M. 12:00 P.M.			
CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		<i>G. OUMET</i>	8
DRICMAN		<i>R. DESCHENES</i>	8
MTRMAN		<i>C. MONTEAU</i>	8
FIREMAN		<i>L. HAMEL</i>	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT

DAILY DRILLING REPORT

REPORT NO. 49 DATE SEPT 26/74

OPERATOR SOQUIP		LEASE LAC NOIR NEIGETTE		WELL NO. <u>1</u>	FIELD OR DIST. NEIGETTE	COUNTY REMOUNSKE	STATE QUEBEC
CONTRACTOR REGENT DRILLING LTD.		RIG NO. 22	DRILL PIPE STRING 5 1/2"	TOOL JOINT 5 1/2"	PUMPS 1	SIZE 9 3/8"	MAKE 36
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>Ron Janssen</i>		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>Ron Janssen</i>		NO. <u>1</u>	MANUFACTURER OIL WELL	TYPE 2 1/4" P	STROKE LENGTH 14"
				NO. <u>2</u>	MANUFACTURER GARDNER DENVER	TYPE P-58	STROKE LENGTH 8"
				NO. <u>3</u>	MANUFACTURER	TYPE	STROKE LENGTH

TIME DISTRIBUTION-HOURS				MORNING TOUR				EVENING TOUR			
DATE	TIME	DRILLER	TOOL PUSHER	DATE	TIME	DRILLER	TOOL PUSHER	DATE	TIME	DRILLER	TOOL PUSHER
1974	7:30	R. TURBIEFF	R. TURBIEFF	1974	4:00	G. OULMET	G. OULMET	1974	4:00	G. OULMET	G. OULMET
1974	8:00	T. TURBIEFF	T. TURBIEFF	1974	4:30	R. DESCHENES	R. DESCHENES	1974	4:30	R. DESCHENES	R. DESCHENES
1974	8:30	M. BELANGER	M. BELANGER	1974	5:00	C. MONGEON	C. MONGEON	1974	5:00	C. MONGEON	C. MONGEON
1974	9:00	Y. SIM	Y. SIM	1974	5:30	L. HAMEL	L. HAMEL	1974	5:30	L. HAMEL	L. HAMEL

DRILLING CREW PAYROLL DATA

DATE SEPT 26/74

WELL NAME & NO. LAC NOIR NEIGETTE #1

COMPANY SOQUIP

TOOL PUSHER RON VERSHAAR RIG NO. 22

MORNING TOUR 12:00 P.M. 8:00 A.M.			
CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		R. TURBIEFF	8
DRSMAN		T. TURBIEFF	8
MTRMAN		M. BELANGER	8
FIREMAN		Y. SIM	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS 8 SINCE LAST LOST TIME ACCIDENT

DAY TOUR 8 A.M. 4 P.M.			
CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. MOZILL	8
DRSMAN		R. GIRARD	8
MTRMAN		B. TALLON	8
FIREMAN		A. SIM	8
FLRMAN		L. OTIS	8
FLRMAN			
FLRMAN			

NO. OF DAYS 4 SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 4:00 P.M. 12:00 P.M.			
CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		G. OULMET	8
DRSMAN		R. DESCHENES	8
MTRMAN		C. MONGEON	8
FIREMAN		L. HAMEL	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS 4 SINCE LAST LOST TIME ACCIDENT

DAILY DRILLING REPORT

REPORT NO. 52 DATE Sept. 29/74

OPERATOR *Logan* LEASE *Sac Nair Mijote*

CONTRACTOR **REGENT DRILLING LTD.** RIG NO. *22* DRILL PIPE STRING *58-48* TOOL JOINT *58-48* PUMPS

SIGNATURE OF OPERATOR'S REPRESENTATIVE *Kon Vorsekoo*

WELL NO. *1* FIELD OR DIST. *Mijote* COUNTY *Kinnearski* STATE *Quebec*

DATE *Sept. 29/74*

WELL NAME & NO. *Sac Nair Mijote*

COMPANY *Logan*

TOOL PUSHER *22*

TIME DISTRIBUTION - HOURS		DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		PUMP NO. 1		PUMP NO. 2		METHOD RUN	
NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	STANDS D.P.	4882.78	FE.	BIT NO.	R.R. 8	TIME	6:00	FROM	TO	4832	4873	41	55	30	9505	5	160
2	SHOULDS D.P.	64	FE.	SIZE	8 3/4	WEIGHT	8.3	4832	4873	41							
3	D.C.	546.02	FE.	MFG.	SEC	VISC.-SEC	28										
4	I.D. O.D.		FE.	TYPE	H-100	W.L.-C.C.											
5	I.D. O.D.		FE.	NOZZLE	1-2	FLTR. CK.											
6	STA. 3000	3.27	FE.	SIZE	10-12	PH											
7	STA. 3000	3.27	FE.	SK. NO.	426350	SO. CKNT. S											
8	STA. 3000	3.27	FE.	DEPTH OUT		PRESSURE GRABBER											
9	STA. 3000	3.27	FE.	DEPTH IN	4780												
10	STA. 3000	3.27	FE.	TOTAL FTG.	99												
11	STA. 3000	3.27	FE.	TOTAL HR. RUN	124												
12	STA. 3000	3.27	FE.	TOTAL HR. RUN	124												
13	STA. 3000	3.27	FE.	COND. OF BIT	run												
14	STA. 3000	3.27	FE.	REMARKS													
15	STA. 3000	3.27	FE.	REMARKS													
16	STA. 3000	3.27	FE.	REMARKS													
17	STA. 3000	3.27	FE.	REMARKS													
18	STA. 3000	3.27	FE.	REMARKS													
19	STA. 3000	3.27	FE.	REMARKS													
20	STA. 3000	3.27	FE.	REMARKS													
21	STA. 3000	3.27	FE.	REMARKS													
22	STA. 3000	3.27	FE.	REMARKS													
23	STA. 3000	3.27	FE.	REMARKS													
24	STA. 3000	3.27	FE.	REMARKS													
25	STA. 3000	3.27	FE.	REMARKS													
26	STA. 3000	3.27	FE.	REMARKS													
27	STA. 3000	3.27	FE.	REMARKS													
28	STA. 3000	3.27	FE.	REMARKS													
29	STA. 3000	3.27	FE.	REMARKS													
30	STA. 3000	3.27	FE.	REMARKS													
31	STA. 3000	3.27	FE.	REMARKS													
32	STA. 3000	3.27	FE.	REMARKS													
33	STA. 3000	3.27	FE.	REMARKS													
34	STA. 3000	3.27	FE.	REMARKS													
35	STA. 3000	3.27	FE.	REMARKS													
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37	STA. 3000	3.27	FE.	REMARKS													
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43	STA. 3000	3.27	FE.	REMARKS													
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45	STA. 3000	3.27	FE.	REMARKS													
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48	STA. 3000	3.27	FE.	REMARKS													
49	STA. 3000	3.27	FE.	REMARKS													
50	STA. 3000	3.27	FE.	REMARKS													
51	STA. 3000	3.27	FE.	REMARKS													
52	STA. 3000	3.27	FE.	REMARKS													
53	STA. 3000	3.27	FE.	REMARKS													
54	STA. 3000	3.27	FE.	REMARKS													
55	STA. 3000	3.27	FE.	REMARKS													
56	STA. 3000	3.27	FE.	REMARKS													
57	STA. 3000	3.27	FE.	REMARKS													
58	STA. 3000	3.27	FE.	REMARKS													
59	STA. 3000	3.27	FE.	REMARKS													
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72	STA. 3000	3.27	FE.	REMARKS													
73	STA. 3000	3.27	FE.	REMARKS													
74	STA. 3000	3.27	FE.	REMARKS													
75	STA. 3000	3.27	FE.	REMARKS													
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77	STA. 3000	3.27	FE.	REMARKS													
78	STA. 3000	3.27	FE.	REMARKS													
79	STA. 3000	3.27	FE.	REMARKS													
80	STA. 3000	3.27	FE.	REMARKS													
81	STA. 3000	3.27	FE.	REMARKS													
82	STA. 3000	3.27	FE.	REMARKS													
83	STA. 3000	3.27	FE.	REMARKS													
84	STA. 3000	3.27	FE.	REMARKS													
85	STA. 3000	3.27	FE.	REMARKS													
86	STA. 3000	3.27	FE.	REMARKS													
87	STA. 3000	3.27	FE.	REMARKS													
88	STA. 3000	3.27	FE.	REMARKS													
89	STA. 3000	3.27	FE.	REMARKS													
90	STA. 3000	3.27	FE.	REMARKS													
91	STA. 3000	3.27	FE.	REMARKS													
92	STA. 3000	3.27	FE.	REMARKS													
93	STA. 3000	3.27	FE.	REMARKS													
94	STA. 3000	3.27	FE.	REMARKS													
95	STA. 3000	3.27	FE.	REMARKS													
96	STA. 3000	3.27	FE.	REMARKS													
97	STA. 3000	3.27	FE.	REMARKS													
98	STA. 3000	3.27	FE.	REMARKS													
99	STA. 3000	3.27															