GM 01959

2 NOTICES, GEOLOGICAL & ENGINEERING REPORT, 6 DRILL STEM TESTS, REPORTS (CHEMICAL, DAILY, WORKOVER) OF LADUBORO C I G I NICOLET, 5 WELL LOGS, 1 LITHOLOGICAL, 59 GEOLOGRAPH CHARTS

Documents complémentaires

Additional Files

Licence

License

RN-X-18 17.1.3

PROVINCE DE QUEBEC
MINISTERE DES RICHESSES NATURELLES

Loi des Mines de Québec

AVIS SIGNIFIANT L'INTENTION DE COMMENCER LE FORAGE

Cet avis doit être donné au Ministre des Richesses Naturelles, au moins quinze jours avant le début des travaux

---

Nous vous avisons par la présente, tel que requis par les règlements concernant le gaz et le pétrole, de notre intention de commencer le forage d'un puits, le ou vers le 24è jour de juin 1963 sur le lot No 555

Rang du bout de la Baie Canton ou Seigneurie _____

Paroisse de St-Jean Baptiste de Nicolet Comté de Nicolet

sous Claim ou Permis No 188 Le puits projeté sera situé à 190 pieds de la ligne de lot est (est ou ouest) et 5760 pieds de la ligne de lot nord (nord ou sud)

Le puits sera désigné du nom de Laduboro-Canadian Industrial Gas No.1 Nicolet

No _____

Nous projetons d'utiliser l'outillage suivant:

Type de la foreuse rotative neuve ou usagée usagée

	Tubage	Diamètre	Poids	Filetage	Marque	Neuf ou Usagé	Profondeur	Libre, ancré ou cimenté
1er		9-5/8"				neuf	300'	cimenté
2ième		5-1/2"				neuf	?	cimenté
3ième								
4ième								
5ième								
6ième								
7ième								

Ministère des Richesses Naturelles, Québec
SERVICE DES GÎTES MINÉRAUX
No C.M. 1959

PUBLIC

Le puits sera foré par Union Rotary Drillers (Canada) Ltd.
(nom de l'entrepreneur)

Nom et adresse de l'agent ou du représentant de l'exploitant
1010 ouest, St. Cyrille,
QUEBEC 6, P.Q.

LADUBORO OIL LTD.
(nom de l'exploitant)

Signé par C. Robitaille

Titre Ing. P.

Date 18 juin 19 63

RN-X-19

2-12-63

PROVINCE DE QUEBEC

MINISTERE DES RICHESSES NATURELLES

Loi des Mines de Québec

LA SUSPENSION DU FORAGE

PUITS LADUBORO. CIG No 1 Nicolet

AVIS SIGNIFIANT [redacted]

Au Sous-Ministre,
Ministère des Richesses Naturelles,
Québec.

Nous déclarons par la présente nous être conformés aux règlements concernant le gaz et le pétrole, et nous désirons [redacted] vous aviser de la suspension du forage le ou vers le 3è jour de décembre 19 63
au puits Laduboro-Canadian Industrial Gas No 1 Nicolet
sur le lot No 555 Rang du bout de la Baie
Canton ou de Paroisse de St. Jean Baptiste de Nicolet
Seigneurie
Comté de Nicolet Couvert par le permis No 188

Raisons de la suspension: Nous devons attendre pour reconditionner le puits.

L'équipement suivant:- (appareil, chevalement, tubage) sera déménagé à
Puits Laduboro-Q.I.G. et al No. 1 Yamaska

L'huile, le gaz et l'eau ont été rencontrés et seront obturés comme suit:-

Huile:-

Gaz:-

Eau:-

L'huile et le gaz contrôlés par:-

La profondeur du puits était de 4,200 pieds, et le tubage posé comme suit:-

Tubage	Diamètre	Poids	Libre, ancré ou cimenté	Profondeur	Intention de retirer, pieds
1er	9-5/8"	32#	cimenté	223'	non
2ième	4-1/2"	9.5#	cimenté	4155'	non
3ième					
4ième					

LADUBORO OIL LTD.

Signature de l'agent Claude Robitaille
Adresse 1010 ouest, St. Cyrille,
QUEBEC 6, P.Q.

Date 2 décembre 19 63.

GM-1959

THIS REPORT HAS BEEN PREPARED
FOR THE EXCLUSIVE USE OF:
LADUBORO OIL LIMITED AND
CANADIAN INDUSTRIAL GAS LIMITED

COPY NO: 1

reçu 3 copies 15-10-63
with cc. 8-10-63
1-3-4

retourné par N. O. Stony
25-10-65

GM-1959

GEOLOGICAL AND ENGINEERING REPORT

LADUBORO CIG NICOLET NO. 1

COUNTY DE NICOLET, PROVINCE OF QUEBEC

J. C. SPROULE AND ASSOCIATES LTD
OIL AND GAS ENGINEERING AND GEOLOGICAL CONSULTANTS

1009 FOURTH AVENUE WEST
CALGARY — ALBERTA

TELEPHONE
AMHERST 9-7951

CONFIDENTIEL

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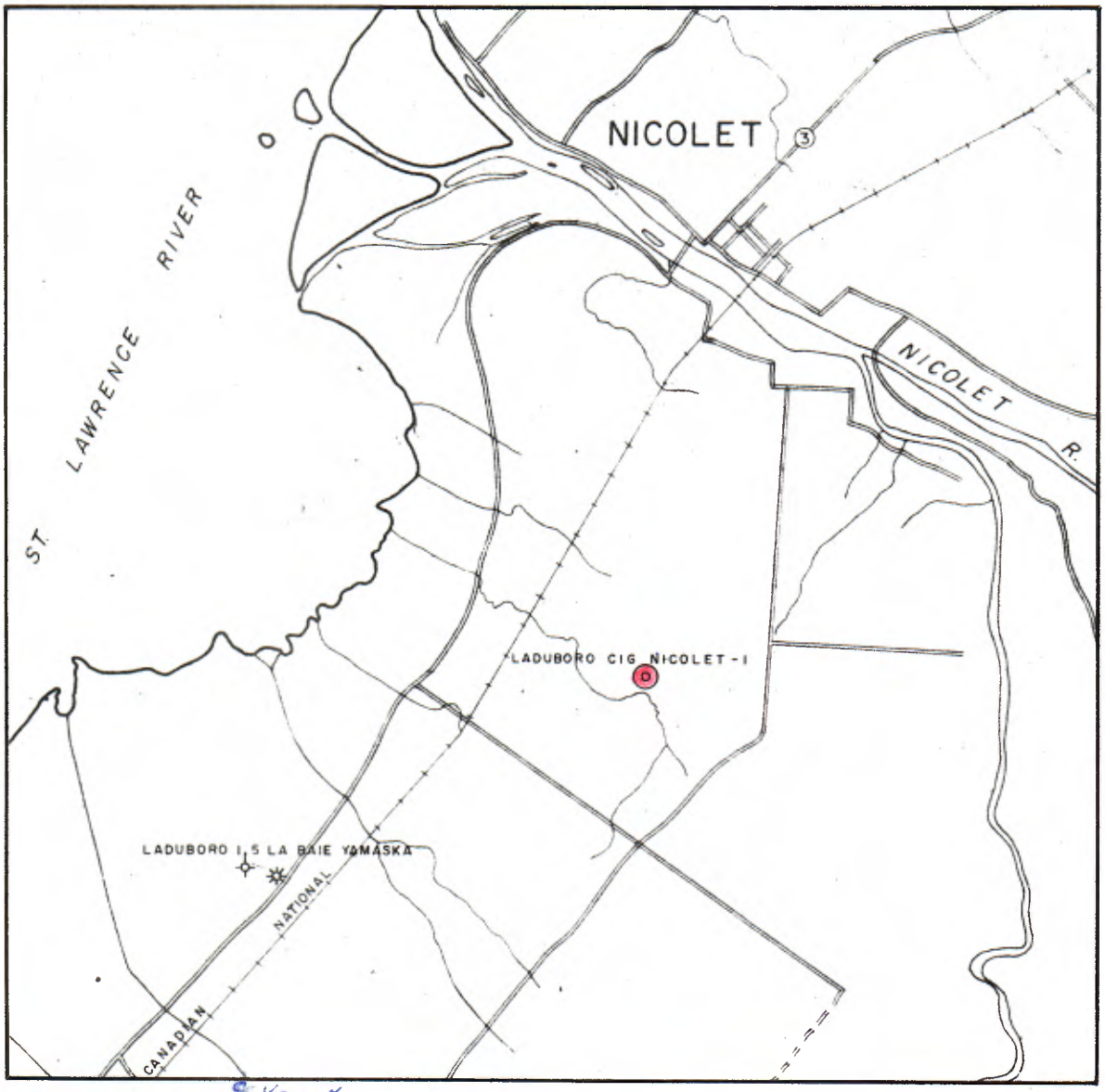
ILLUSTRATION

To accompany Report to Laduboro Oil Limited, Oct. 1963



INDEX MAP

NICOLET AREA

SOUTHERN QUEBEC

SHOWING

LADUBORO C.I.G. NICOLET-1

1 0 1 2 3

SCALE:- 1"= 1 MILE

- GAS WELL
- ABANDONED WELL
- PROJECT WELL

J.C. SPROULE AND ASSOCIATES LTD., CALGARY

INTRODUCTION

Laduboro CIG Nicolet No. 1 was drilled by Laduboro Oil Limited, Quebec City, P.Q., and Canadian Industrial Gas Limited, Calgary, Alberta, with Laduboro acting as operator and Canadian Industrial Gas Limited handling technical matters on behalf of Laduboro.

The well was drilled as a wildcat exploratory well on Quebec Provincial License 188, which covers 35,000 acres on the south side of the St. Lawrence River, approximately 80 miles east of Montreal and near the village of Nicolet, P.Q. The Laduboro et al La Baie No. 5 Yamaska well, which is currently a suspended gas well, is the nearest significant test and is approximately two and one-half miles to the northwest of the Nicolet No. 1 well.

The location for Laduboro CIG Nicolet No. 1 was chosen on the basis of combined photogeological and subsurface geological studies, gravity meter and aeromagnetomic data. The main objective was to test the Potsdam sand, which was found to be productive of gas at Laduboro et al La Baie No. 5 Yamaska, and to test also the prospective beds in the Trenton, Chazy and Beekmantown strata, provided samples, logs, or shows indicated that these latter beds warranted testing.

The well was drilled by a rotary drilling rig owned by Union Rotary Drillers (Canada) Ltd., Mount Pleasant, Michigan. Wellsite technical supervision was by J. C. Sproule and Associates Ltd., Calgary, Alberta, represented by T. W. Link, P. Eng., who was present at the rig and reported directly on daily operations to Mr. H. Dubord, President, Laduboro Oil Limited, Quebec City, and to Mr. N. V. Story, Vice President, Canadian Industrial Gas Limited, Calgary. Mr. G. V. Lloyd, P. Geol., of J. C. Sproule and Associates Ltd. analysed the drill cuttings and followed the geological aspects of the operation.

DRILLING AND COMPLETION PROGRAM

Well Name: Laduboro CIG Nicolet No. 1

Location: Lot 555, Range Boute de la Baie, Parish of St. Jean Baptiste, County de Nicolet, Province of Quebec

Co-ordinates: 5,500' south of north lot line or 3,800' south of railway.

Field: Wildcat

Operator:

(a) Laduboro Oil Limited,
1010 West St. Cyrille Boulevard,
Quebec 6, P. Q.
Phone: Area Code 418
Office 527-0434
Residence - Mr. Henri Dubord 527-2337
Mr. Claude Robitaille 663-7753

(b) Canadian Industrial Gas Limited,
640 Seventh Avenue S. W.,
Calgary, Alberta.
Phone: Area Code 403
Office 263-8260
Residence - Mr. N.V. Story AL5-8037

Daily Reports:

(a) Telegram and a daily report to C.I.G. with the well status at 4:00 p.m.

(b) Telephone calls on urgent matters to C.I.G. when required.

(c) Telephone call at 9:00 (Quebec time) to Mr. Dubord when possible without interfering with the rig operation.

Objective: To obtain gas production from the Potsdam or any other zone.

Elevation: Ground - 87' (Approximate)
K.B. - 100' (Approximate)
(Note: Distance K.B. to original ground level to be measured, and C.I.G. notified.)

Estimated Total Depth: 4,200'

Geological Prognosis:

Formation	Est. Depth Feet	Subsea Feet	Thickness Feet
Champlain Sands	Surface	+100	0-10±
Champlain Clay	10	+90	150
Pre-Champlain Deposits	160	-60	20
Pontgrave River (May be eroded here)			
Nicolet River	180	-80	925
Leclercville	1,105	-1,005	1,175
Utica (Top not recognized)			
Trenton			
(Upper) Terrebonne-Tetreauville	2,280	-2,180	200
(Middle and Lower) Montreal-St.Casimir	2,480	-2,380	325
Black River	2,805	-2,705	45
Chazy	2,850	-2,750	200
Beekmantown	3,050	-2,950	500
Potsdam	3,550	-3,450	500
Granite Wash	4,050	-3,950	80
Precambrian	4,130	-4,030	Basement

Zones of Interest

Trenton (Upper)	-2,180
(Middle)	-2,380
Beekmantown	-2,970
Potsdam	-3,450
Granite Wash	-3,950

Technical Supervision: J. C. Sproule and Associates Ltd.
1009 Fourth Avenue S. W.
Calgary, Alberta.

DRILLING PROGRAM

Contractor: Union Rotary Drillers (Canada) Limited

Drilling Method: Rotary with a Cardwell L350

Drilling Time: Geolograph and a record kept during coring and when drilling out casings.

Samples: Five-foot samples from surface to total depth.
Mail dail well samples via air mail to J. C. Sproule and Associates Ltd., P. O. Box 2525, Calgary, Alberta. Mark to the attention of the Geological Department who will maintain an up-to-date Geological Strip Log.

Coring and Drill Stem Testing:

The potential zones of interest are the Montreal-St. Casimir zones of the Trenton, the Beekmantown and the Potsdam formations. If samples taken while drilling these formations show 10 consecutive feet of porosity, the bit is to be pulled and 15 feet of diamond core taken. If the porosity shown in samples and the core indicate a possibility of commercial gas production, a drill stem test is to be run on the potential gas production interval. Only one drill stem test is to be run on each of the above formations, if justified.

Regardless of the above, a 45-foot core will be taken immediately on encountering the Potsdam Formation. Any potential gas-bearing zones that appear to have been missed may be selectively tested after analysis of samples, cores and electrical logs.

A flare line with an orifice well tester fitted should be installed before drill stem testing and gas flow measurements obtained on drill stem tests noted at regular intervals during the test and entered on the form provided.

Results of drill stem tests should be air mailed to the drill stem testing company for analysis immediately after the recovery of the test data. Samples of recovered fluid and gas should be taken when recovered on each drill stem test and, if warranted, shipped by C.N.R. Express to Chemical & Geological Laboratories Limited, 428 - 35 Avenue N.E., Calgary, Alberta. All cores should be shipped by C.N.R. Express to J.C.Sproule and Associates Ltd., for their examination before analysis.

Casing Program:

	Est. Depth Feet	Hole Size Inches	Casing Size Inches	Type of Casing	Cement Sacks	Additives
Surface	300	$12\frac{1}{4}$	9 5/8	J-55, 36-lb./ft.	100	2% $CaCl_2$
Intermediate	2,300	$8\frac{3}{4}$	7	J-55, 20-lb./ft.	100	2% $CaCl_2$
Production	4,200	$8\frac{3}{4}$ or $6\frac{1}{4}$	$4\frac{1}{2}$	J-55, 9.5-lb./ft.	300	4% $CaCl_2$

The intermediate string may have to be run if caving hole problems are encountered.

Mud Program:

Interval Feet	Type of Mud	Wt./Gal.	Viscosity Sec API	Remarks
0-300	Gel	-	40+	Gel up to maintain clean hole.
300-2000	Salt H_2O & Gel	9.5 to 10.0	60	Maximum reservoir pressures of the Trenton and Potsdam formations could be 1,525 psi and 2,000 psi respectively. Take care that the mud is of sufficient weight to control these reservoir pressures.
2000-T.D.	Salt H_2O & Gel	10.0 to 11.0	60	

Salt water must be used to prevent the upper shales from caving. Large earthen pits are required for the settling out of solids. Take an analysis of the chloride content of the mud prior to drill stem testing (and logging) to compare with drill stem test recovery.

Deviation Surveys: To be measured every 100' on surface hole (300') with a maximum of 1°. To be measured every 500' from below surface to total depth. Maximum angle increase 1° per 100' and should not exceed 12° at total depth if practical.

Logging:

Gamma Ray-Neutron
Gamma Gamma Density
Caliper and Guard

The Gamma Gamma Density log will be run over zones of interest and all other logs will be run from below the surface casing to total depth. Immediately after logging, send by air express two copies of each log to Canadian Industrial Gas Limited, 640 Seventh Avenue S. W., Calgary, Alberta.

Log interpretation will be made by Welex at the lease. Compare the logs with the Sample Strip Log and the core analysis (which will be mailed to the rig and Welex when available).

General: Drill a suitably sized hole from surface to approximately 300' to permit the running and setting of 9 5/8" casing. Take deviation surveys every 100' and insure that the maximum deviation does not exceed 1°. Run 9 5/8", 36- and 40-lb./ft., J-55 casing to 100' into bedrock equipped with a float shoe and three centralizers. Use thread lock on the bottom three joints.

Cement the casing to surface, with 100 sacks of construction cement plus 2% $CaCl_2$, by plug displacement. Bump the plug with a maximum of 1,000 psig and bleed off the pressure. Check the casing for flow back. Land the casing with the 10¾" casing bowl at ground level after making up the 9 5/8" x 10¾" double male swaged nipple.

Wait on cement for 12 hours, then install BOP's and control equipment. After an additional 10 hours, run in with an 8¾" bit and check the top of the cement. Test between the BOP's to a pressure of 2,000 psi and hold the pressure for 15 minutes. Log this test. Time drill out a minimum of 3' below the surface casing float shoe, 24 hours after waiting on cement.

Close the BOP's and test the surface pipe cement job to 300 psi and hold the pressure for 15 minutes. Check the cellar for flow back and log this test.

Drill ahead with an 8¾" bit.

The drill pipe should be measured with a steel tape at frequent intervals and before running casings, testing, logging or coring.

The BOP's should be operated daily and tested to 2,000 psi whenever running in the hole. These tests should be logged.

Total depth will be reached as soon as the Precambrian Formation or 4,500' is reached. At this depth, the hole will be logged with Gamma Ray-Neutron, Gamma Gamma Density, Caliper and Guard logs from the surface casing shoe to total depth, except that the Gamma Gamma Density log will be run only over zones of interest.

All mud and mud additives must be entered in the tour book.

All invoices must be presented to the wellsite geological engineer for his approval and signature.

After complete analysis of samples, cores, drill stem test data and electric logs, the decision will be made to complete or abandon the well. If the well is to be abandoned, an abandonment program will be determined with the approval of the Department of Mines of the Province of Quebec.

If the well is to be completed, a completion program will be determined at the wellsite and will probably consist of running 4½", 9.5-lb./ft., J-55 casing and

cementing it with approximately 300 sacks of construction cement with 2% $CaCl_2$. If an open hole completion is decided upon, a formation packer casing shoe and 10 centralizers will be used. After running casing and prior to cementing the salt base mud in, the hole will be displaced with water to which a corrosion inhibitor has been added.

Displace the cementing plugs with the salt water mud and bump them with a minimum of 1,250 psi. Hold the pressure for one hour before bleeding off and checking for flow back. Land the casing immediately after cementing with half the weight of the casing in the slips, by lowering the slip seal assembly through the BOP's. If it is not possible to do this immediately, wait 12 hours before slackening off and raising the BOP's to insert the slip seal assembly.

Cut off the casing 24 hours after cementing, weld the gasket ring seal to the casing and bell the top of the 4½" casing.

Install a BOP and 48 hours after cementing, be in a position to drill out the casing with 2 3/8" EUE tubing or install the complete production head and be in a position to perforate with a tubing gun with the tubing landed just above the interval to be perforated.

The formation treatment will probably consist of an acid wash and squeeze followed by a frac treatment of 30,000 gals. of a gelled $CaCl_2$ water and 30,000 lbs. of 20-40 and 10-20 meshed sand. The well will be allowed to sit for 6 hours or more after the frac treatment and then flowed through a choke until clean.

A five-point back pressure test will be run and preliminary calculations carried out at the wellsite to ensure that the test is satisfactory. A gas sample will be taken when flowing the well at the highest flow rate.

Prepared By:

N.V. Story, Vice President,
Canadian Industrial Gas Limited
640 Seventh Avenue S. W.,
Calgary, Alberta.

Date:

June 13, 1963.

SUMMARY OF PERTINENT WELL DATA

Name of Operator:	Laduboro Oil Limited
Well Name:	Laduboro CIG Nicolet No. 1
Location:	Lot 555, Range Boute de la Baie, Parish of St. Jean Baptiste, County de Nicolet, P.Q.
Co-ordinates:	367.7' south of the intersection of Lots 561 and 555, and 122' east of the west lot line of Lot 555.
Elevation:	Ground - 88.70' K. B. - 100.6' K. B. to tubing hanger - 12.52' K. B. to ground - 11.9'.
Technical Supervision:	J. C. Sproule and Associates Ltd. T. W. Link, P. Eng.
Drilling Contractor:	Union Rotary Drillers (Canada) Limited Drawworks - Cardwell L350 Pump - National 150B Mast - Lee C. Moore, 122' B.O.P.'s - 10" series 900 Cameron and 10" series 900 Hydril.
Status:	Potential gas well.
Producing Zone:	Potsdam
Date Spudded:	June 27, 1963, at 9:00 p.m.
Total Depth:	Driller - 4,164' Logs - 4,167'
Plugged Back Depth:	4,142'
Date Total Depth Reached:	August 10, 1963, at 3:30 p.m.
Date Completed:	August 19, 1963, at 5:30 p.m.
No. of Rig Days to Total Depth:	44
No. of Rig Days to Completion:	53
Hole Size:	13 3/4" from Surface to 235' 8 3/4" from 235' to 4,164'
Rig Released:	August 29, 1963, at 4:00 p.m.

Casing:

(a) Surface Casing: Ran 7 joints (221.43') of 9 5/8", 32-lb./ft., H-40, R-2, 8 rd, ST&C new Mannesman casing. Landed at 235' K.B. and cemented by rig pump with 89 sacks of Portland construction cement. No returns to surface. Plug down at 2:00 p.m., June 29, 1963. Used Halliburton float shoe and three joints of casing. Dumped 1 1/2 loads of gravel down outside of casing.

(b) Production Casing: Ran 136 joints (4,167.66') of 4 1/2", 9.5-lbs. per foot, J-55, R-2, 8 rd, ST&C new Page Hershey casing. Landed at 4,164' K.B. and cemented by Halliburton using 400 sacks of construction cement with 2% salt gel preceded by 500 gallons of a soap-Mcrflo flush ahead of the cement. Plug down at 9:18 p.m., August 14, 1963. Used Halliburton guide shoe, insert float collar, 10 centralizers and 13 scratchers. Cemented with top and bottom plug.

Tubing: Ran 130 joints (4,101.07') of 2 3/8", EUE, J-55, 4.7-lb./ft., 8 rd, new Page Hershy tubing. Landed at 4,128.17' K.B. Tubing open ended with a collar on the bottom joint.

Mud Type: Salt water gel oil emulsion.

Geological Markers:

	Samples		Radioactivity Log	
	Depth Feet	Subsea Elevation Feet	Depth Feet	Subsea Elevation Feet
Champlain Clay	Surface	+87	-	-
Pre-Champlain Deposits	70	+31	-	-
Pontgrave River	100	+1	110	-9
Nicolet River	350	-249	227	-126
Leclercville	Top not recognized			
Utica	Not present due to fault			
Trenton	Not present due to fault			
Black River	Not present due to fault			
Chazy	Not present due to fault			
Beekmantown	3,390	-3,289	3,364	-3,263
Potsdam	3,950	-3,849	3,940	-3,839

Core Summary: Core No. 1 - Potsdam, 3,975' to 4,022'. Recovered 44'.
Core No. 2 - Potsdam, 4,110' to 4,117'. Recovered 5'.

Formation Test Summary: DST No. 1 - Interval 3,950' to 4,022'. Misrun. Packer seat failure.

DST No. 1A - Interval 3,955' to 4,022'. Misrun. Packer seat failure.

DST No. 1B - Interval 3,945' to 4,022'. ISI - 30 minutes. VO - 90 minutes. FSI - 60 minutes. Good initial puff. Good air blow with gas to surface in 37 minutes at 10.9 Mcf. per day. Held steady throughout test. Recovered 120' of gas-cut drilling mud. IHP - 2,170. ISIP - 292. IFP - 117. FFP - 117. FSIP - 236. FHP - 2,170.

DST No. 2 - Interval 4,020' to 4,117'. ISI - 30 minutes. VO - 100 minutes. FSI - 60 minutes. Strong initial blow. Gas to surface in two minutes. Mud to surface in eight minutes. Strong blow of gas and salt water spray throughout test at 924 Mcf. per day. Recovered 390' of salt water. IHP - 2,550. ISIP - 2,240. IFP - 709. FFP - 555. FSIP - Tool did not shut in. FHP - 2,550.

DST No. 3 - Interval 4,008' to 4,094'. ISI - 30 minutes. VO - 60 minutes. FSI - 30 minutes. Strong initial air blow. Poor blow. Dead in 20 minutes. Reseat packer after 40 minutes. Poor blow. Dead in five minutes for rest of test. No gas to surface. TSTM. Recovered 340' of gas-cut drilling mud. IHP - 2,489. ISIP - 1,767. IFP - 123. FFP - 233. FSIP - 497. FHP - 2,489. Temperature 114° F at 4,079' K.B.

DST No. 4 - Interval 4,120' to 4,164'. ISI - 30 minutes. VO - 30 minutes. FSI - 30 minutes. Good steady air blow throughout initial blow. Weak air blow dead in five minutes for rest of test. Recovered 155' of gas-cut, water-cut drilling mud. IHP - 2,550. ISIP - 563. IFP - 163. FFP - 119. FSIP - 481. FHP - 2,550. Temperature 114° F at 4,160' K.B.

Logs:

Welex	Depth Feet	Scales
Gamma Ray-Neutron	0-4167	2"=100'
	3300-4167	10"=100'
Guard Log	3300-4167	10"=100'
Gamma-Gamma Density	3300-4167	10"=100'
Caliper Log	2500-4167	10"=100'

Wellhead Equipment: Cameron Series 600, 10 3/4" x 10", 4 1/2" x 10", 2 3/8 x 6". Flanged connections to top of Master Valve, remainder are screwed.

Perforations: Potsdam - 3 radial super frac shots at 4,109'. 1 11/16" link jet 4 shots per foot from 4,109' to 4,112'.

Special Treatments:	Acidized perforations at 4,109' with six barrels of Howco 15% MCA acid. Washed five barrels past perforations and could not squeeze any acid away at 3,900 psig pressure. Let acid sit overnight. Re-perforate with acid in well and 1,000 psig pressure from 4,109' to 4,112'. Reversed out old acid and acidized perforations from 4,109' to 4,112' with six barrels of Howco 15% MCA acid. Perforations took acid at 1,000 psig. Squeezed 1/2 barrel to formation at 550 psig and 1/4 barrel per minute.
Plugs:	None.
Remarks:	The drilling mud became gas-cut at 4,109' with an average weight of 10.1 lb./gal. The weight was increased to 12.0 lb./gal. before the gasified mud condition could be stopped. During the waiting time for weighting material to arrive and while mixing the mud, the drill pipe was being continuously worked. Because of a crooked hole condition, while working the pipe, a key seat was formed and the pipe became stuck. A total of ten days was lost.

DAILY CHRONOLOGICAL REPORT

Well Name: Laduboro CIG Nicolet No. 1

Date 1963	Day	Depth From Feet	Depth To Feet	Progress Feet	Remarks
June 24	0	0	0	0	Start moving rig from Laduboro La Baie No. 5 Yamaska to Laduboro CIG Nicolet No.1.
June 25	0	0	0	0	Moving.
June 26	0	0	0	0	Rigging up Union Rotary Drillers Rig No. 4.
June 27	1	0	46	46	Spudded at 9:00 p.m. Drilling 13¾" surface hole.
June 28	2	46	235	189	Drilling 13¾" surface hole. Had trouble drilling surface hole due to boulders at 191'. Surface hole finished at 10:00 p.m. Measured out tally o.k. at 235'. Half trip out of hole.
June 29	3	235	235	0	Ran 7 joints of 9 5/8", H-40, 32-lb./ft., R-2, 8 rd casing. Landed at 235' K.B. Cemented casing with 89 sacks of cement.
June 30	4	235	345	110	Waited on cement. Nippled up BOP's. Changed rams. Drilled out 9 5/8" casing after waiting on cement 24 hours with an 8¾" bit.
July 1	5	345	1158	813	Drilled ahead with 35,000 lbs. at 60 rpm. Deviation 1½°.
July 2	6	1158	1780	622	Drilled ahead with 35,000 lbs. at 60 rpm. Deviation 1½°.
July 3	7	1780	2106	326	Drilled ahead with 35,000 lbs. at 60 rpm. Deviation 1½°.
July 4	8	2106	2450	344	Drilled ahead with 35,000 lbs. at 60 rpm. Strap pipe no correction.
July 5	9	2450	2645	195	Drilled ahead and fanning hole with 20,000 lbs. and 75 rpm. Deviation 7°+. Waiting on Totco to arrive.
July 6	10	2645	2945	300	Drilled ahead and fanning hole with 20,000 lbs. and 70 rpm. Deviation 7°+. Waiting on Totco.

Date 1963	Day	Depth From Feet	Depth To Feet	Progress Feet	Remarks
July 7	11	2945	3109	164	Drilled ahead and fanning hole with 20,000 lbs. and 70 rpm. Tetco arrived. Stood back twelve 6¾" drill collars. Tripped in with three 6¾" drill collars and started reaming out dogleg at 2,075'.
July 8	12	3109	3196	87	Reaming hole with bit by holding weight to 12,000 lbs. and 100 rpm in order to work out dogleg. Deviation 13°.
July 9	13	3196	3354	158	Drilled ahead with 12,000 lbs. and 100 rpm. Holding weight up due to deviation of 12°.
July 10	14	3354	3416	62	Drilled ahead with 18,000 lbs. and 75 rpm. Using nine 6¾" drill collars. Deviation 11¼°.
July 11	15	3416	3492	76	Drilled ahead with 25,000 lbs. and 70 rpm. Deviation 10½°.
July 12	16	3492	3570	78	Drilled ahead with 30,000 lbs. and 70 rpm. Using twelve 6¾" drill collars. Deviation 9°.
July 13	17	3570	3639	69	Drilled ahead with 30,000 lbs. and 70 rpm.
July 14	18	3639	3703	64	Drilled ahead. Strap pipe no correction. Deviation 8¾°.
July 15	19	3703	3744	41	Drilled ahead. Hard drilling, used first button bit. Using fifteen 6¾" drill collars.
July 16	20	3744	3811	67	Drilled ahead with 30,000 lbs. and 40 rpm.
July 17	21	3811	3888	77	Drilled ahead. Deviation 6°.
July 18	22	3888	3946	58	Drilled ahead with 30,000 lbs. and 40 rpm.
July 19	23	3946	3975	29	Drilled ahead. Trip in with junk sub. Strap pipe no correction. Picked up and dressed all connections on core barrel.
July 20	24	3975	4022	47	Cut Core No. 1 from 3,975' to 4,022'. Recovered 44'. Laid down core and core barrel.

Date 1963	Day	Depth From Feet	Depth To Feet	Progress Feet	Remarks
July 21	25	4022	4022	0	Reamed 6 1/8" core hole to 8¾" from 3,975' to 4,022'. Picked up B.J. test tool for DST No. 1.
July 22	26	4022	4022	0	Ran DST No. 1 from 3,950' to 4,022'. Packer seat failure. Ran DST No. 1A from 3,955' to 4,022'. Packer seat failure. Ran DST No. 1B from 3,945' to 4,022'. ISI - 30 minutes. V.O. - 90 minutes. FSI - 60 minutes. Good initial puff. Good air blow with gas to surface in 37 minutes at 10.9 Mcf. per day. Held steady throughout test. Recovered 120' of gas-cut drilling mud. IHP - 2,170. ISIP - 292. IDP - 117. FFP - 117. FSIP - 236. FHP - 2,170.
July 23	26	4022	4101	79	Drilled ahead with 30,000 lbs. and 40 rpm.
July 24	27	4101	4109	8	Mud became gas-cut. Working gas out of mud and working pipe. Mixing mud and pumping in to kill well.
July 25	28	4109	410	0	Conditioning mud. Blowing well. Working pipe. Waiting on Baroid.
July 26	29	4109	4109	0	Mixing mud to 11.b lb./gal. Pumped in and killed well. Pipe free.
July 27	30	4109	4109	0	Finished mixing mud. Attempted to gain circulation. Twisted off 720' down. Screwed back in after laying down bad joint. Regained circulation. Pipe stuck. Spotted 30 barrels of fuel oil around collars.
July 28	31	4109	4109	0	Spotting fuel oil and working pipe. Spotted an additional 30 barrels of fuel oil around drill collars. Working pipe. While working pipe it became parted again at 720'. Screwed back in.
July 29	32	4109	4109	0	Displacing fuel oil around drill pipe while waiting on McCullough and Welex.
July 30	33	4109	4109	0	Waiting on McCullough and Welex. Working pipe and circulating. Ran free point indicator. Ran string shot below 720' and backed off. Removed bad joints and screwed back in.

Date 1963	Day	Depth From Feet	Depth To Feet	Progress Feet	Remarks
July 31	34	4109	4109	0	Ran string shot above drill collars. Could not back off. Waiting on McCullough fisherman to arrive from Edmonton.
Aug. 1	35	4109	4109	0	Ran free point indicator. Pipe showed to be free down to the drill collars. Worked pipe free. Attempted to perforate bottom drill collar in order to regain circulation.
Aug. 2	36	4109	4109	0	Working pipe up hole. Could not circulate. Perforated last joint above drill collars. Circulated and conditioned mud to 12.0 lb./gal. before coming out of hole.
Aug. 3	37	4109	4109	0	Tripped out and laid down three joints of crooked drill pipe. Waited on key seat wipers. Tripped in with bit and key seat wiper. Started reaming at 2,260'.
Aug. 4	38	4109	4109	0	Reaming hole to 3,676'.
Aug. 5	39	4109	4110	1	Reamed hole to 4,109'. Made dummy trip to check hole. O.k. Drilled one foot and circulated sample. No indication of Precambrian.
Aug. 6	40	4110	4116	6	Tripped in with junk sub. Picked up core barrel and tripped in to cut Core No. 2.
Aug. 7	41	4116	4117	1	Finished cutting Core No. 2 from 4,110' to 4,117'. Recovered 5'. Tripped in for DST No. 2 from 4,020' to 4,117'. ISI - 30 minutes. VO - 100 minutes. FSI - 60 minutes. Strong initial blow. Gas to surface in two minutes. Mud to surface in eight minutes. Strong blow of gas and salt water spray throughout test at 924 Mcf./day. Recovered 390' of salt water. IHP - 2550. ISIP - 2240. IDP - 709. FFP - 555. FSIP - tool did not shut in. FHP - 2550.
Aug. 8	42	4117	4117	0	Tripped in. Conditioned mud to 10.9 lbs./gallon. Well tried to unload. Mixed mud.
Aug. 9	43	4117	4138	21	Mixed mud to 11.0 lb./gallon. Drilled ahead with 30,000 lbs. and 45 rpm.
Aug. 10	44	4138	4164	26	Drilled ahead. Strapped out. Checked o.k. Ran Welex logs.

Date 1963	Day	Depth From Feet	Depth To Feet	Progress Feet	Remarks
Aug. 11	45	4164	4164	0	Total depth. Finished logging. Welex checked bottom 3' deeper at 4,167'. Tripped in to condition hole for DST No. 3.
Aug. 12	46	-	-	-	Picked up test tool. Tripped in for DST No. 3 from 4,008' to 4,094'. ISI - 30 minutes. VO - 60 minutes. FSI - 30 minutes. Strong initial air blow. Poor blow. Dead in 20 minutes. Reseated packer after 40 minutes. Poor blow. Dead in five minutes for rest of test. No gas to surface. Air blow too small to measure. Recovered 340' of gas-cut drilling mud. IHP - 2489. ISIP - 1767. IFP - 123. FFP - 233. FSIP - 497. FHP - 2,489. Temperature 114°F at 4,079' K.B. Tripped in to condition hole for DST No. 4.
Aug. 13	47	-	-	-	Running DST No. 4 from 4,120' to 4,164. ISI - 30 minutes. VO - 30 minutes. FSI - 30 minutes. Good steady air blow throughout initial blow. Weak air blow dead in five minutes for rest of test. Recovered 155' of gas-cut, water-cut drilling mud. IHP - 2550. ISIP - 563. IFP - 163. FFP - 119. FSIP - 481. FHP - 2550. Temperature 114° F. at 4,160' K.B. Tripped in. Tripped out and laid down. Rigged up to run casing. Ran 136 joints (4167.56') of 4½", 9.5-lb./ft., J-55, R-2, 8 rd, ST&C new Page Hershy casing. Circulated hole while waiting on Halliburton cementer.
Aug. 14	48	-	-	-	Rigged up Halliburton and cemented 4½" casing with 400 sacks of construction cement with 2% salt gel preceded with 500 gallons of a Saap-Morflo flush. Landed casing at 4,164' K.B. Plug down at 9:18 p.m. Used Halliburton guide shoe, insert float collar, 10 centralizers and 13 scratchers. Cemented with top and bottom plug. Released pressure immediately and float held o.k. Dropped slips and landed casing with full weight of string on slips.
Aug. 15	49	-	-	-	Removed BOP's. Installed wellhead. Ran Welex Neutron collar locator correlation log. Installed BOP's.

Date 1963	Day	Depth From Feet	Depth To Feet	Progress Feet	Remarks
Aug. 16	50	-	-	-	Perforated with Welex three-shot radial super frac jet at 4,109' K.B. Trip in with 2 3/8" EUE, J-55, 4.7 lb./ft., 8 rd, new Page Hershy tubing. Landed at 4,128' K.B. Removed BOP's. Installed wellhead. Circulated hole clean by displacing drilling mud with fresh water. Rigged up to swab.
Aug. 17	51	-	-	-	Swabbed fluid level down to 3,500'. Swabbed well dry.
Aug. 18	52	-	-	-	Rigged up Halliburton. Acidized perforations at 4,109' with 6 bbls. of Howco 15% MCA acid. Washed ¼ bbl. past perforations with higher squeeze pressures, each ¼ bbl. to a maximum of 3,900 psig. Formation would not take acid. Left acid sit overnight on perforations.
Aug. 19	53	-	-	-	Removed wellhead and picked tubing up to 4,057'. Perforated by Welex from 4,109' to 4,112' with 1 11/16" link jets, 4 shots per foot. Shot with acid in hole and 1,000 psig wellhead pressure. Pressure did not drop after perforating. Removed wellhead. Lowered tubing to 4,128'. Installed wellhead and circulated out old acid.
Aug. 20	54	-	-	-	Acidized perforations from 4,109' to 4,112' with 6 bbls. of Howco 15% MCA acid by washing. Pressured up to 1,000 psig and formation started taking acid after seven minutes. Washed by one barrel and squeezed a ½ barrel to the formation at 550 psig and ¼ barrel per minute. Circulated out excess acid. Standing pressure after acidizing 350 psig. Blew well down on a ¾" orifice. Time — Tubing Pres. — Casing Pres. 11:30 a.m. 250 0 Water 12:00 a.m. 250 0 Mist 12:30 p.m. 200 0 Mist 1:00 p.m. 200 0 Mist 2:30 p.m. 50 220 Mist 3:00 p.m. 50 275 Mist 3:30 p.m. 50 300 Mist

Date 1963	Day	Depth From Feet	Depth To Feet	Progress Feet	Remarks
					Shut in at 4:15 p.m. since the flare would not stay lit and a farmer was in the field nearby.
Aug. 21	55	-	-	-	Shut-in pressure after 15 hours. Tubing - 1,925. Casing 2,025 psig. Attempted to run AOF test. Obtained two stabilized points on 1/8" and ¾" orifice. Shut well in overnight.
Aug. 22	56	-	-	-	Blew well down on 1/8" orifice. Well stabilized on 1/8" orifice with 1,500 psig pressure on the orifice well tester and 1,700 psig on the casing.
					Note: Rig released August 29, 1963, at 4:00 p.m.

DEC 4.

SPOTTED CEMENT PLUG OVER INTERVAL 4133-3890. PULLED + RACKED TUBING.

DEVIATION SURVEYS

Well Name: Laduboro CIG Nicolet No. 1

Depth Feet	Deviation Degrees	Depth Feet	Deviation Degrees	Depth Feet	Deviation Degrees
85	0	2,980	7+	3,250	11 1/4
200	3/4	2,075	2**	3,392	11
573	1 1/48	2,138	3**	3,450	10 1/2
1,000	1 1/2	2,198	4 1/2**	3,500	9
1,510	1 1/2	2,310	9**	3,619	8 3/4
2,000	1 1/2	2,490	13	3,850	6
2,500	7+*	2,755	11	4,000	5 1/2
2,561	7+	3,120	13	4,100	6 3/4
2,675	7+	3,150	12		
2,800	7+	3,206	12		

*Did not have an instrument that could read any higher than 7° deviation available.

**These were measured after the 21° Totco arrived.

MUD RECORD

Well Name: Laduboro CIG Nicolet No. 1

Date 1963	Depth Feet	Weight Lb./Gal.	Viscosity Sec.	Water Loss cc	Salt Content PPM NaCl	Additives
June 27	46	-	40	-	-	Salt Gel 142 sacks
June 28	235	-	42	-	-	
June 29	235	-	-	-	-	Salt 161 sacks
June 30	345	9.5	36	-	-	
July 1	1,158	9.7	38	-	-	Salt 20 sacks
July 2	1,780	9.7	40	-	160,000	Salt 65 sacks
July 3	2,106	9.7	38	-	170,000	Salt 68 sacks
July 4	2,450	10.0	34	-	160,000	Salt 30 sacks
July 5	2,645	9.9	37	-	170,000	Salt 10 sacks
July 6	2,945	10.0	37	-	165,000	Salt 40 sacks
July 7	3,109	9.9	36	-	160,000	Salt 80 sacks
July 8	3,196	10.1	35	-	100,000	Salt 100 sacks
July 9	3,354	10.2	35	-	195,000	Salt 85 sacks
July 10	3,416	10.2	32	-	165,000	Salt 150 sacks Salt Gel 15 sacks
July 11	3,492	10.2	34	-	200,000	Salt 25 sacks Salt Gel 20 sacks
July 12	3,570	10.3	35	-	222,750	Salt 55 sacks Salt Gel 30 sacks
July 13	3,639	10.3	40	-	214,500	Salt 55 sacks Salt Gel 50 sacks
July 14	3,703	10.2	41	100	230,000	Diesel fuel 30 bbls.
July 15	3,744	10.0	42	-	210,000	Salt 40 sacks
July 16	3,811	10.0	40	100	206,000	Salt 98 sacks Salt Gel 15 sacks

Date	Depth Feet	Weight Lb./Gal.	Viscosity Sec.	Water Loss cc	Salt Content PPM NaCl	Additives
July 17	3,888	10.0	40	90	240,000	Salt 55 sacks Salt Gel 10 sacks
July 18	3,946	10.2	40	100	-	Diesel fuel 15 bbls.
July 19	3,975	10.1	40	85	200,000	-
July 20	4,022	10.1	38	60	214,000	-
July 21	4,022	10.0	41	65	214,000	Salt 28 sacks Salt Gel 17 sacks
July 22	4,022 -- DST No. 1, 1A and 1B					
July 23	4,101	10.1	40	72	230,000	Salt 20 sacks
July 24	4,109	10.1	33	-	225,000	Salt 112 sacks Baroid 280 sacks
July 26	4,109	10.8	37	-	270,000	Salt Gel 17 sacks Magcobar 410 sacks Salt 80 sacks
July 27	4,109	11.1	39	100	230,000	Magcobar 50 sacks Salt Gel 15 sacks
July 28	4,109	11.1	39	-	-	Magcobar 10 sacks Salt 10 sacks Salt Gel 10 sacks
July 29	4,109	10.9	39	-	200,000	-
July 30	4,109	10.9	40	-	206,500	Magcobar 25 sacks
Aug. 1	4,109 -- Pulling stuck pipe					
Aug. 2	4,109	12.0	40	-	-	Magcobar 135 sacks Salt Gel 10 sacks
Aug. 3	4,109	11.5	43	-	205,000	Salt Gel 25 sacks Magcobar 23 sacks Salt 15 sacks
Aug. 4	4,109	11.2	42	76	200,000	Magcobar 79 sacks Salt Gel 15 sacks
Aug. 5	4,110	11.4	41	75	200,000	Magcobar 10 sacks

Date	Depth Feet	Weight Lb./Gal.	Viscosity Sec.	Water Loss cc	Salt Content PPM NaCl	Additives
Aug. 6	4,116	11.1	42	36	-	Magcobar 25 sacks Mylogel 28 sacks
Aug. 7	4,117	11.0	54	32	-	-
Aug. 8	4,117	10.9	41	-	-	Salt 36 sacks Magcobar 31 sacks Salt Gel 2 sacks
Aug. 9	4,138	11.3	40	45	200,000	Magcobar 307 sacks
Aug. 10	4,164 (T.D.)	11.6	38	55	185,000	Magcobar 128 sacks Mylogel 5 sacks Salt Gel 5 sacks Salt 15 sacks
Aug. 11	4,164	11.7	39	-	- -	-
Aug. 12	4,164	12.2	40	-	-	Magcobar 10 sacks
Aug. 13	4,164	11.8	39 -- Running casing			
Aug. 14	4,164	11.6	38 -- Cement casing			
Aug. 15	4,164 -- Waiting on cement					

Summary of Drilling Mud Additives

Salt	1,488 sacks
Salt Gel	443 sacks
Diesel Fuel	45 Bbls.
Magcobar	1,271 sacks
Baroid	280 sacks
Mylogel	33 sacks

BIT RECORD

Well Name: Laduboro CIG Nicolet No. 1

No.	Size Inches	Make	Type	Depth From Feet	Depth To Feet	Footage	Hours	Condition
1A	13 3/4	Re-run		0	235	235	-	Fair
1	8 3/4	HTC	OSC-3	235	1191	956	21	Fair
2	8 3/4	HTC	OSC-3	1191	1902	711	22	Fair
3	8 3/4	Smith	T-2	1902	2273	371	18 1/4	Fair
4	8 3/4	HTC	OWV	2273	2623	350	18 1/4	Fair
5	8 3/4	HTC	OWV	2623	3019	396	25 1/2	Fair
6	8 3/4	HTC	OSC	3019	3256	237	24 1/2	Fair
7	8 3/4	HTC	OSC	3256	3373	117	13	Dull
8	8 3/4	HTC	OWV	3373	3434	61	17 3/4	Dull
9	8 3/4	HTC	OWV	3434	3515	81	17	Dull
10	8 3/4	Smith	L-4	3515	3639	114	26 1/2	Dull
11	8 3/4	HTC	W7R	3639	3710	71	21 3/4	Dull
12	8 3/4	HTC	RG1J	3710	3917	207	61 1/2	Locked
13	8 3/4	HTC	RG1J	3917	3975	58	16	Good
1	6 1/8	Hycalog	Diamond	3975	4022	47	19 1/4	Good
13	8 3/4	Re-run	Reaming	3975	4022	47	11 1/2	Poor
14	8 3/4	HTC	RG1J	4022	4109	87	27 1/2	Poor
15	8 3/4	HTC	W7R	4109	4110	1	1	Reamed and wash from 2,000' to 4,109'. Fair.
1	6 1/8	Hycalog	Diamond	4110	4117	7	12	Dull
16	8 3/4	HTC	RG1J	4110	4117	7	6 1/2	Reaming
16	8 3/4	HTC	RG1J	4117	4164	47	36	Dull

Bit Summary

	Size Inches	Footage	Bits Used
Surface Hole	13 3/4	235	1
Main Hole	8 3/4	3,875	16
Coring	6 1/8	54	1
Reaming	8 3/4	54	These bits also used for drilling hole.

TIME CORING RECORD

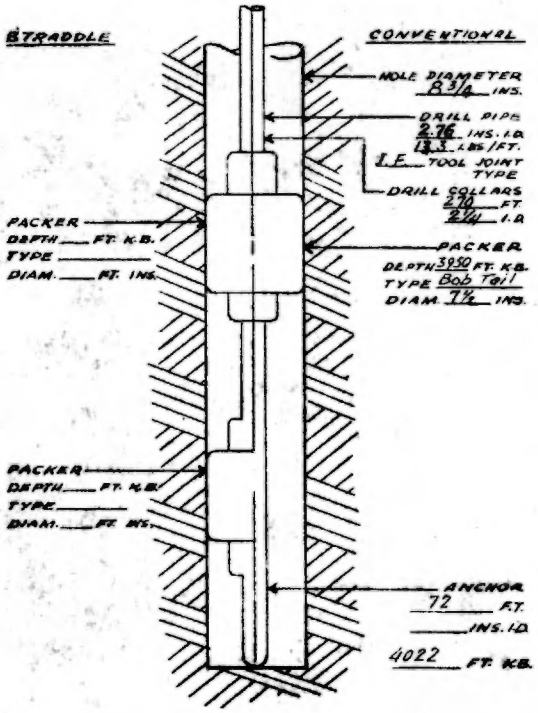
Well Name: Laduboro CIG Nicolet No. 1

Interval Feet	Time In Minutes (One-Minute Intervals)
	Core No. 1 - 3,975'-4,022'. Potsdam. Recovered 44'. Total coring time 19 hours, 18 minutes.
3975-3985	25, 25, 19, 24, 20, 23, 21, 21, 31, 25.
3985-3995	23, 27, 28, 22, 37, 43, 42, 41, 48, 33.
3995-4005	14, 10, 14, 15, 19, 17, 19, 18, 17, 18.
4005-4015	17, 25, 22, 20, 19, 19, 24, 24, 24, 27.
4015-4022	28, 26, 25, 30, 34, 29, 22, 23.
	Core No. 2 - 4,110'-4,117'. Potsdam. Recovered 5'. Total coring time 11 hours, 53 minutes.
4110-4117	74, 67, 104, 92, 117, 95, 128.
	Coring by Union Rotary Drillers (Canada) Ltd. Used Hycalog core head and barrel.

DRILL STEM TEST REPORT

TEST No. 1

Well Name **LADUBORO CIG NICOLET NO. 1** Location **Lot 555, Range Boute de la Baie**
Field or Area **Wildcat** Province **Parish of St. Jean Baptiste, Nicolet County**
Testing Company **B-J Services** Operator **Laduboro Oil Limited** (P.Q.
Date Commenced **July 21, 1963** Date Completed **July 22, 1963**



Formation Tested **Potsdam**
Section Tested: From **3950** To **4022** ft.
Mud Properties: Wt. **9.8** Vis. **42** sec.
Filtrate **68** c.c. Filter Cake **8/32** ph.
Water Cushion **None** ft.
Type of Packer **Bob tail**
Choke Size, surface **1/4"** Bottom Hole **1/2**

	Time		Remarks
Tester started in hole	11:30 p.m.		
Tester on bottom	1:30 a.m.		
Tester opened	1:45 a.m.		Could not obtain a
Tester closed	3:25 a.m.		packer seat.
Tester pulled loose	3:30 a.m.		
Tester out of hole	6:30 a.m.		
Initial Closed In	- hrs.	-	mins.
Flow Period	hrs.	30	mins.
Final Closed In	hrs.	30	mins.

Weight:
Set on Packer **60,000** lbs. Pull Packer Loose **65,000** lbs.
Weight drill pipe Before Test **65,000** After Test **65,000**
Mud level in casing **Dropped**
Nature of Blow **None**
Maximum Surface Pressure

Gas Flow: MCF/day: How Gauged By
Oil Flow bbls. in hrs: Est. 24-hr. Flow Rate How Gauged
Size flow line Inch. I.D. Size Orifice inch.

Recovery in Drill Pipe:

				Remarks
Free oil	stands	feet	bbls.	
Mud **59**	stands **1,660**	feet	bbls.	**Gas-cut drilling mud.**
Water	stands	feet	bbls.	

Gravity of oil ° API @ °F.
Oil sample obtained Water sample obtained **Yes**
Temperature: °F. @ Ft. K.B.
Pressures: Type of pressure bomb(s) used **BT Kuster**

Initial Hydrostatic Mud Pressure	**2,128**	Final Hydrostatic Mud Pressure	P.S.I.G.
Initial Closed in Pressure		Final Closed In Pressure	P.S.I.G.
Initial Flow Pressure		Final Flow Pressure	P.S.I.G.

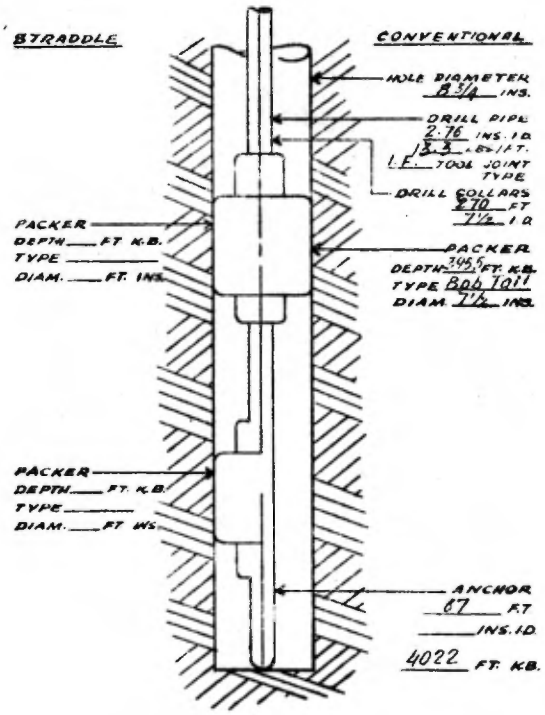
REMARKS
Mechanically, was Test Satisfactory? **No. Packer seat failure. No test. Misrun.**

Engineer **Theo W. Link, P. Eng.**
J. C. SPROULE AND ASSOCIATES LTD., CALGARY

DRILL STEM TEST REPORT

TEST No. **1A**

Well Name **Laduboro CIG Nicolet No. 1** Location
Field or Area **Wildcat** Province **Quebec**
Testing Company **B-J Services** Operator **Laduboro Oil Ltd.**
Date Commenced **July 22, 1963** Date Completed **July 22, 1963**



Formation Tested **Potsdam**
Section Tested: From **3,955** To **4,022** ft.
Mud Properties: Wt. **9.8** Vis. **42** sec.
Filtrate **68** c.c. Filter Cake **8/32** ph.
Water Cushion **None** ft.
Type of Packer **Bob tail**
Choke Size, surface **1/4** Bottom Hole **1/2**

	Time	Remarks
Tester started in hole	7:30 a.m.	
Tester on bottom	9:30 a.m.	
Tester opened	9:58 a.m.	**Fluid dropped, could**
Tester closed	10:00 a.m.	**not obtain packer seat**
Tester pulled loose	10:00 a.m.	
Tester out of hole	12:15 p.m.	
Initial Closed In	hrs.	mins.
Flow Period	hrs.	mins.
Final Closed In	hrs.	mins.

Weight:
Set on Packer **56,000** lbs. Pull Packer Loose **56,000** lbs.
Weight drill pipe Before Test **65,000** After Test **65,000**
Mud level in casing **Dropped**
Nature of Blow **None**
Maximum Surface Pressure **--**

Gas Flow: MCF/day: How Gauged By
Oil Flow bbls. in hrs: Est. 24-hr. Flow Rate How Gauged
Size flow line Inch. I.D. Size Orifice inch.

Recovery in Drill Pipe: **Remarks**

Free oil		stands		feet	bbls.
Mud	6	stands	540	feet	bbls. **slightly gas-cut drilling mud.**
Water		stands		feet	bbls.

Gravity of oil ° API @ °F.
Oil sample obtained Water sample obtained **Yes.**
Temperature: °F. @ Ft. K.B.
Pressures: Type of pressure bomb(s) used **BT Kuster**

Initial Hydrostatic Mud Pressure	**2,090**	Final Hydrostatic Mud Pressure	P.S.I.G.
Initial Closed in Pressure		Final Closed In Pressure	P.S.I.G.
Initial Flow Pressure		Final Flow Pressure	P.S.I.G.

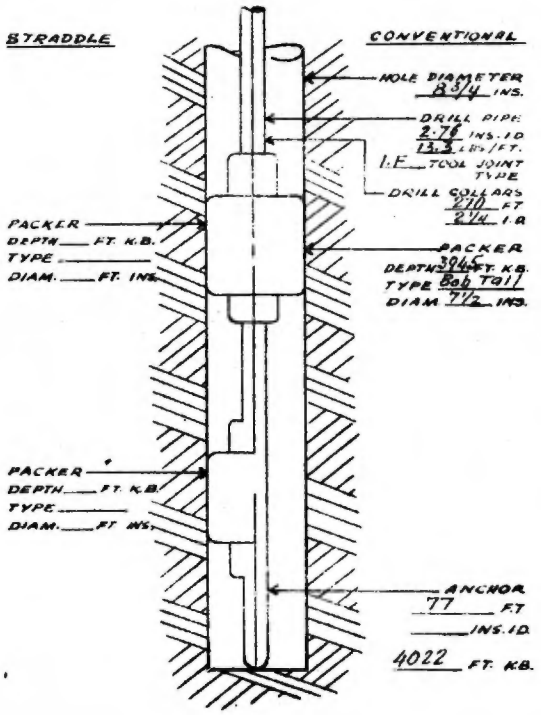
REMARKS
Mechanically, was Test Satisfactory? **No. Packer seat failure. No test. Misrun.**

Engineer **Theo W. Link, P. Eng.**
J. C. SPROULE AND ASSOCIATES LTD., CALGARY

DRILL STEM TEST REPORT

TEST No. **1B**

Well Name **Laduboro CIG Nicolet No. 1** Location
Field or Area **Wildcat** Province **Quebec**
Testing Company **B-J Services** Operator **Laduboro Oil Limited**
Date Commenced **July 22, 1963** Date Completed **July 22, 1963**



Formation Tested **Potsdam**
Section Tested: From **3,945** To **4,022** ft.
Mud Properties: Wt. **9.8** Vis. **42** sec.
Filtrate **65** c.c. Filter Cake **8/32** ph.
Water Cushion **None** ft.
Type of Packer **Bob tail**
Choke Size, surface **1/2** Bottom Hole **1/2**

	Time		Remarks
Tester started in hole	2:15 p.m.		
Tester on bottom	4:00 p.m.		
Tester opened 4:16	4:48 p.m.		
Tester closed 4:18	6:18 p.m.		
Tester pulled loose	7:30 p.m.		
Tester out of hole	9:00 p.m.		
Initial Closed In	- hrs.	30 mins.	
Flow Period	1 hrs.	30 mins.	
Final Closed In	1 hrs.	- mins.	

Weight:
Set on Packer **25,000** lbs. Pull Packer Loose **25,000** lbs.
Weight drill pipe Before Test **65,000** After Test **65,000**
Mud level in casing **Surface**
Nature of Blow **Good initial puff**
Maximum Surface Pressure **3" of H_2O**

Gas Flow: **10.9** MCF/day: How Gauged **Orifice well tester** By **Theo W. Link, P. Eng.**
Oil Flow bbls. in hrs: Est. 24-hr. Flow Rate How Gauged
Size flow line **2** Inch. I.D. Size Orifice **1/2** inch.

Recovery in Drill Pipe:

					Remarks
Free oil	stands		feet	bbls.	
Mud	4 stands	120	feet	bbls.	**Gas-cut drilling mud**
Water	stands		feet	bbls.	

Gravity of oil ° API @ °F.
Oil sample obtained Water sample obtained **Yes**
Temperature: °F. @ Ft. K.B.
Pressures: Type of pressure bomb(s) used **BT Kuster**

Initial Hydrostatic Mud Pressure	**2,170**	Final Hydrostatic Mud Pressure	**2,170**	P.S.I.G.
Initial Closed in Pressure	**292**	Final Closed In Pressure	**236**	P.S.I.G.
Initial Flow Pressure	**117**	Final Flow Pressure	**117**	P.S.I.G.

REMARKS
Mechanically, was Test Satisfactory? **Yes. Good initial puff. Good air blow with gas to surface in 37 minutes at 10.9 Mcf. per day. Held steady throughout test.**

Engineer **Theo W. Link, P. Eng.**
J. C. SPROULE AND ASSOCIATES LTD., CALGARY

DRILL STEM TEST REPORT

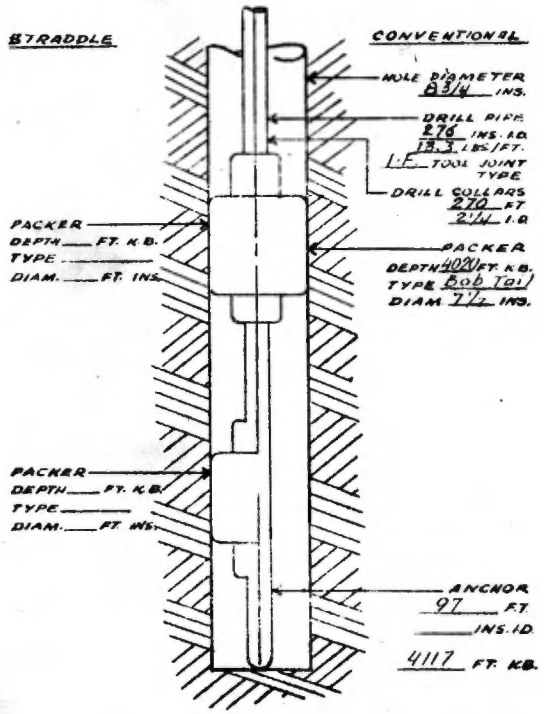
TEST No. 2

Well Name **Laduboro CIG Nicolet No. 1** Location

Field or Area **Wildcat** Province **Quebec**

Testing Company **B-J Services** Operator **Laduboro Oil Limited**

Date Commenced **August 7, 1963** Date Completed **August 7, 1963**



Formation Tested **Potsdam**

Section Tested: From **4,020** To **4,117** ft.

Mud Properties: Wt. **11.5** Vis. **42** sec.

Filtrate **32** c.c. Filter Cake **5/32** ph.

Water Cushion **None** ft.

Type of Packer **Bob tail**

Choke Size, surface **3/4** Bottom Hole **1/2**

	Time	Remarks
Tester started in hole	1:10 p.m.	
Tester on bottom	4:00 p.m.	
Tester opened 4:08	4:50 p.m.	5:18
Tester closed 4:15	4:52 p.m.	7:02
Tester pulled loose	8:30 p.m.	
Tester out of hole	12:00 p.m.	
Initial Closed In	hrs. 30	mins.
Flow Period 1	hrs. 40	mins.
Final Closed In	hrs. 60	mins.

Weight:

Set on Packer **25,000** lbs. Pull Packer Loose **80,000** lbs.

Weight drill pipe Before Test **52,000** After Test **52,000**

Mud level in casing **Surface**

Nature of Blow **Strong initial blow**

Maximum Surface Pressure **60 psig**

Gas Flow: **924** MCF/day: How Gauged **Orifice well tester** By **Theo W. Link, P. Eng.**

Oil Flow bbls. in hrs: Est. 24-hr. Flow Rate How Gauged

Size flow line **2** Inch. I.D. Size Orifice **3/4** inch.

Recovery in Drill Pipe:

				Remarks
Free oil	stands	feet	bbls.	
Mud	stands	feet	bbls.	
Water **4**	stands **390**	feet	bbls.	**salt water**

Gravity of oil ° API @ °F.

Oil sample obtained **No** Water sample obtained **Yes**

Temperature: °F. @ Ft. K.B.

Pressures: Type of pressure bomb(s) used **BT Kuster**

Initial Hydrostatic Mud Pressure	**2,576**	Final Hydrostatic Mud Pressure	**2,532** P.S.I.G.
Initial Closed in Pressure	**2,268**	Final Closed In Pressure	P.S.I.G.
Initial Flow Pressure	**590**	Final Flow Pressure	**468** P.S.I.G.

REMARKS

Mechanically, was Test Satisfactory? **Yes, but tool did not shut in. Strong initial blow. Gas to surface in 2 mins. Mud to surface in 8 mins. Strong blow of gas and salt water throughout test as follows: Time - 6:00 p.m. - Pres. 50. Time - 6:10 p.m. - Pres. 50. Recovered 390' of salt water. Time - 6:15 p.m. - Pres. 55. Time - 6:35 p.m. - Pres. 60. Time - 6:55 p.m. Pres. 60. Time - 7:00 - Pres. 60.** 1064 MCFPD(C) see chart report

Engineer **Theo W. Link.**

J. C. SPROULE AND ASSOCIATES LTD., CALGARY

DRILL STEM TEST REPORT

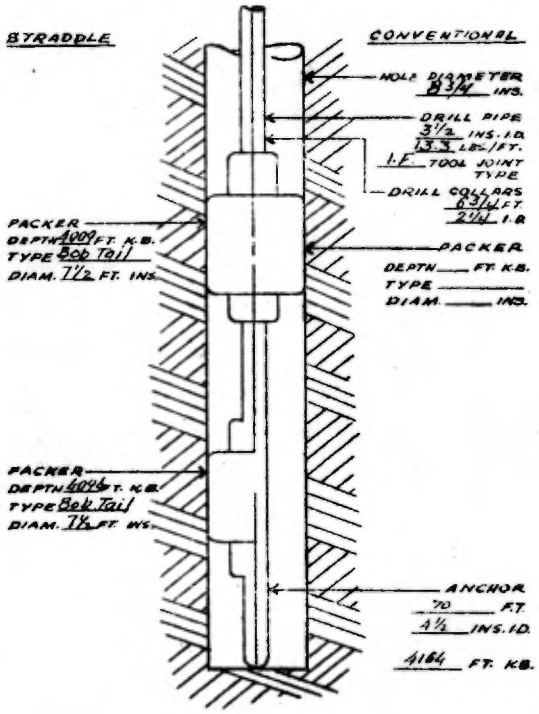
TEST No. 3

Well Name **Laduboro CIC Nicolet No. 1** Location

Field or Area **Wildcat** Province **Quebec**

Testing Company **B-J Services** Operator **Laduboro Oil Limited**

Date Commenced **August 12, 1963** Date Completed **August 13, 1963**



Formation Tested **Potsdam**

Section Tested: From **4,008** To **4,094** ft.

Mud Properties: Wt. **12.0** Vis. **40** sec.

Filtrate **50** c.c. Filter Cake **8/32** ph.

Water Cushion **none** ft.

Type of Packer **Bob tail**

Choke Size, surface **3/4** Bottom Hole **1/2**

	Time	Remarks
Tester started in hole	**11:30 p.m.**	
Tester on bottom	**3:00 a.m.**	
Tester opened **4:20**	**4:55 a.m.**	**5:45 - Reseat packer**
Tester closed **4:27**	**5:02 a.m.**	**5:40 - Reseat packer**
Tester pulled loose	**6:30 a.m.**	
Tester out of hole	**9:00 a.m.**	

Initial Closed In hrs. **30** mins.

Flow Period hrs. **60** mins.

Final Closed In hrs. **30** mins.

Weight:

Set on Packer **25,000** lbs. Pull Packer Loose **120,000** lbs.

Weight drill pipe Before Test **52,000** After Test **52,000**

Mud level in casing **Surface**

Nature of Blow **Good initial blow**

Maximum Surface Pressure **5" of H_2O**

Gas Flow: **TSTM** MCF/day: How Gauged By **Theo W. Link, P. Eng.**

Oil Flow bbls. in hrs: Est. 24-hr. Flow Rate How Gauged

Size flow line **2** Inch. I.D. Size Orifice **3/4** inch.

Recovery in Drill Pipe:

				Remarks
Free oil	stands	feet	bbls.	
Mud **9 1/3**	stands **340**	feet	bbls.	**Gas-cut drilling mud**
Water	stands	feet	bbls.	

Gravity of oil ° API @ °F.

Oil sample obtained **No** Water sample obtained **Yes.**

Temperature: **114** °F. @ **4,079** Ft. K.B.

Pressures: Type of pressure bomb(s) used **BT Kuster**

Initial Hydrostatic Mud Pressure	**2,489**	Final Hydrostatic Mud Pressure	**2,489** P.S.I.G.
Initial Closed in Pressure	**1,767**	Final Closed In Pressure	**497** P.S.I.G.
Initial Flow Pressure	**123**	Final Flow Pressure	**233** P.S.I.G.

REMARKS

Mechanically, was Test Satisfactory? **Yes. Strong initial air blow for 7 mins. Shut tool in 30 mins. Poor blow dead in 20 mins. Reseat packer after 40 mins. Poor blow, dead in 5 mins. Remained dead throughout test. No gas to surface. TSTM. Recovered 340' of gas-cut drilling mud.**

Engineer **Theo W. Link, P. Eng.**

J. C. SPROULE AND ASSOCIATES LTD., CALGARY

DRILL STEM TEST REPORT

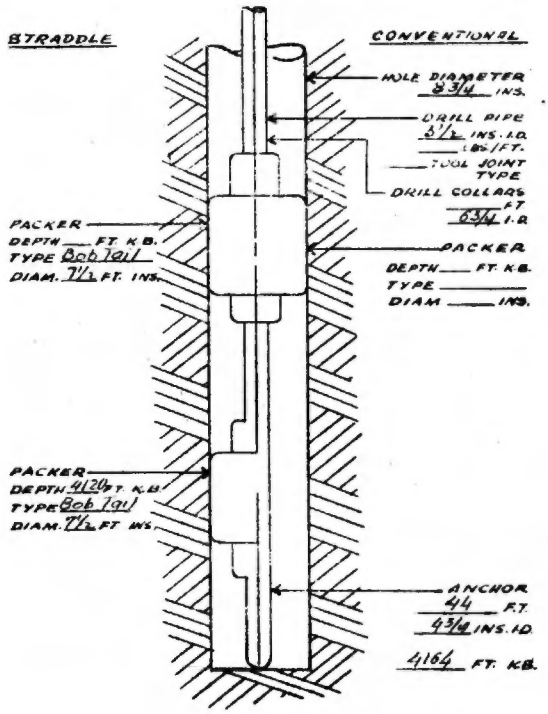
TEST No. 4

Well Name **Laduboro CIG Nicolet No. 1** Location

Field or Area **Wildcat** Province **Quebec**

Testing Company **B-J Services** Operator **Laduboro Oil Limited**

Date Commenced **August 12, 1963** Date Completed **August 13, 1963.**



Formation Tested **Potsdam**

Section Tested: From **4,120** To **4,164** ft.

Mud Properties: Wt. **12.1** Vis. **40** sec.

Filtrate **50** c.c. Filter Cake **8/32** ph.

Water Cushion **Nil** ft.

Type of Packer **Bob tail (dual)**

Choke Size, surface **3/4** Bottom Hole **1/2**

	Time	Remarks
Tester started in hole	**6:00 p.m.**	
Tester on bottom	**8:00 p.m.**	
Tester opened	**8:56 p.m.**	
Tester closed	**9:26 p.m.**	
Tester pulled loose	**9:56 p.m.**	
Tester out of hole	**12:30 a.m.**	

Initial Closed In **30** mins.

Flow Period **30** mins.

Final Closed In **30** mins.

Weight:

Set on Packer **40,000** lbs. Pull Packer Loose **100,000** lbs.

Weight drill pipe Before Test **68,000** After Test **70,000**

Mud level in casing **Surface**

Nature of Blow **Weak air blow - dead in 5 mins.**

Maximum Surface Pressure **5" bucket water.**

Gas Flow: **Nil** MCF/day: How Gauged By **T. Woodman**

Oil Flow bbls. in hrs: Est. 24-hr. Flow Rate How Gauged

Size flow line **2** Inch. I.D. Size Orifice inch.

Recovery in Drill Pipe:

				Remarks
Free oil	stands	feet	bbls.	
Mud **2**	stands **155**	feet	bbls.	**Gas and water-cut drilling mud.**
Water	stands	feet	bbls.	

Gravity of oil ° API @ °F.

Oil sample obtained Water sample obtained **Yes**

Temperature: **1,140** °F. @ **4,160** Ft. K.B.

Pressures: Type of pressure bomb(s) used **6,200 psig Kuster**

Initial Hydrostatic Mud Pressure	**2,580 psig**	Final Hydrostatic Mud Pressure	**2,560** P.S.I.G.
Initial Closed in Pressure	**560 psig**	Final Closed In Pressure	**480** P.S.I.G.
Initial Flow Pressure	**180 psig**	Final Flow Pressure	**150** P.S.I.G.

REMARKS

Mechanically, was Test Satisfactory? **Yes. Initial Bleed 8:18 - 825. Good steady air blow throughout initial bleed. (7 mins.) Adjust table to shut in. Initial shut-in 8:25-8:55 p.m. Mud wt sample No. 1 9.5 lb./gal. No. 2 10.0 lb./gal. Bottom chart indicates perfs plugged above bottom bomb chart 48' above bottom O.V.**

Engineer **T. Woodman**

J. C. SPROULE AND ASSOCIATES LTD., CALGARY

SURFACE CASING

Well Name: Laduboro CIG Nicolet No. 1

Ran 7 joints (221.43') of 9 5/8", 32-lb./ft., H-40, R-2, 8 rd, ST&C, new Mannesman casing. Landed and cemented at 235' K.B., using the rig pump with 89 sacks of Portland construction cement. No returns to surface. Plug down at 2:00 p.m., June 29, 1963. Used Halliburton float shoe, two centralizers. Thread locked shoe and three joints of casing. Dumped 1 1/2 loads of gravel down outside of casing.

Joint No.	Feet
1	31.67
2	31.60
3	29.51
4	31.55
5	31.08
6	31.23
7	30.82
	217.46

Total Casing	-	217.46
Swedge Nipple	-	0.70
Casing Bowl	-	1.32
Float Shoe	-	1.95
		221.43

PRODUCTION CASING

Well Name: Laduboro CIG Nicolet No. 1

Ran 136 joints (4,167.66') of 4 1/2", 9.5-lb./ft., J-55, R-2, 8 rd, ST&C, new Page Hershy casing. Landed and cemented at 4,164' K.B. by Halliburton, using 400 sacks of construction cement with 2% salt gel preceded with 500 gals. of a Saap-Morflo flush ahead of the cement. Plug down at 9:18 p.m., August 14, 1963. Used Halliburton guide shoe, insert float collar, 10 centralizers and 13 scratchers. Cemented with top and bottom plug.

Joint No.	Length Feet	Joint No.	Length Feet	Joint No.	Length Feet	Joint No.	Length Feet
1	18.58	11	29.06	21	30.96	31	30.13
2	32.27	12	31.66	22	28.15	32	30.86
3	31.02	13	31.75	23	29.68	33	32.22
4	31.36	14	31.13	24	30.90	34	30.49
5	31.61	15	31.06	25	31.30	35	29.66
6	31.46	16	31.34	26	30.10	36	31.58
7	28.54	17	32.05	27	32.16	37	28.80
8	30.20	18	30.60	28	31.65	38	31.68
9	30.78	19	31.97	29	32.02	39	30.97
10	30.64	20	30.79	30	32.13	40	31.87
	296.46		311.41		309.05		307.26
41	31.21	51	30.99	61	32.28	71	30.42
42	31.28	52	30.74	62	29.90	72	29.36
43	30.91	53	31.46	63	30.46	73	31.90
44	31.43	54	31.36	64	30.67	74	31.23
45	29.60	55	28.96	65	31.80	75	27.84
46	28.91	56	28.35	66	29.77	76	32.30
47	27.84	57	31.41	67	30.48	77	30.38
48	28.34	58	31.61	68	30.82	78	29.80
49	29.71	59	32.05	69	32.56	79	31.83
50	30.30	60	31.62	70	31.55	80	30.43
	299.53		308.55		310.29		304.49
81	29.52	91	31.64	101	30.84	111	31.93
82	32.30	92	29.35	102	30.09	112	31.02
83	28.35	93	30.81	103	30.60	113	31.76
84	32.15	94	30.90	104	28.74	114	30.16
85	28.12	95	30.55	105	32.10	115	28.58
86	31.44	96	32.30	106	31.32	116	30.40
87	28.91	97	32.04	107	31.20	117	31.59
88	29.80	98	31.13	108	30.53	118	29.18
89	30.93	99	30.26	109	31.30	119	29.90
90	29.13	100	30.19	110	32.14	120	31.28
	300.71		309.17		308.86		305.80

Joint No.	Length Feet	Joint No.	Length Feet
121	30.59	131	28.12
122	30.09	132	28.18
123	30.28	133	29.99
124	28.97	134	32.58
125	32.45	135	29.61
126	30.56	136	42.80
127	29.10		
128	31.50		
129	30.66		
130	29.73		
	303.93		191.28

Total casing - 4,166.79'
Guide shoe - 0.87'
4,167.66'

TUBING TALLY

Well Name: Laduboro CIG Nicolet No. 1

Ran 130 joints (4,101.07') of 2 3/8", EUE, J-55, 4.7 lb./ft., 8 rd, seamless, new Page Hershy tubing. Landed at 4,128.17' K.B. Tubing open ended with a collar on the bottom of the bottom joint.

Joint No.	Length Feet	Joint No.	Length Feet	Joint No.	Length Feet	Joint No.	Length Feet
1	31.67	11	30.70	21	31.62	31	31.63
2	31.66	12	31.69	22	31.65	32	31.63
3	31.63	13	31.47	23	31.62	33	31.56
4	31.61	14	31.67	24	31.35	34	31.64
5	31.56	15	31.65	25	31.65	35	31.65
6	31.65	16	31.37	26	31.65	36	31.64
7	31.57	17	31.65	27	31.70	37	31.65
8	31.65	18	31.63	28	31.64	38	31.63
9	31.51	19	31.67	29	31.61	39	31.65
10	31.62	20	31.65	30	31.65	40	31.61
	316.13		315.15		316.14		316.29
41	31.66	51	31.65	61	31.32	71	31.63
42	31.63	52	31.66	62	31.64	72	31.63
43	31.63	53	31.40	63	31.66	73	31.65
44	31.46	54	31.62	64	31.66	74	31.64
45	30.25	55	31.21	65	31.31	75	31.57
46	31.67	56	31.15	66	31.59	76	31.66
47	30.60	57	31.37	67	31.62	77	31.65
48	31.40	58	31.42	68	31.61	78	31.64
49	31.63	59	31.05	69	31.20	79	31.61
50	31.68	60	31.53	70	31.65	80	31.67
	313.61		314.06		315.26		316.35
81	31.63	91	31.65	101	31.22	111	31.60
82	31.61	92	31.65	102	31.66	112	31.40
83	31.64	93	31.64	103	31.30	113	31.66
84	31.69	94	31.61	104	31.63	114	31.63
85	31.65	95	31.27	105	31.45	115	31.20
86	31.62	96	31.66	106	31.64	116	31.35
87	31.63	97	31.66	107	31.32	117	31.66
88	31.65	98	31.60	108	31.66	118	31.65
89	31.34	99	31.62	109	31.66	119	31.63
90	31.53	100	31.65	110	31.61	120	31.59
	315.99		316.01		315.15		315.57

Joint No.	Length Feet
121	31.65
122	31.50
123	31.54
124	31.65
125	31.64
126	31.24
127	31.40
128	31.66
129	31.65
130	31.63
	315.56

Total Tubing	-	4,101.17'
Sub	-	10.00'
Sub	-	5.00'
K.B. to Tubing Hangar	-	12.52'
Tubing Landed		4,128.69' K.B.

SAMPLE DESCRIPTION

Well Name: Laduboro CIG Nicolet No. 1

Logged By: G. V. Lloyd, P. Geol.
J. C. Sproule and Associates Ltd.

Logged At: Calgary, Alberta

Date Commenced: July 2, 1963

Interval Feet	Description
	Champlain Clay
0-50	No samples.
50-70	Blue clay (no samples).
	Pre-Champlain Deposits - 70'(+31')
70-80	Gravel, pebble, grit, and fragments of rocks of varied origin including igneous and sedimentary types.
80-90	As above.
90-100	As above.
	Richmond Group
	Pontgrave River Formation - 100'(+1')
100-110	Shale, light grey (light greenish cast when wet), micromicaceous, slightly calcareous to very slightly calcareous, firm; minor medium brown, very fine-grained argillaceous limestone.
110-120	As above.
120-130	As above, rare fossil fragments (brachiopods).
130-140	As above.
140-150	As above.
150-160	Limestone, light grey, argillaceous, finely granular, rare small fossil fragments (brachiopods) and minor light grey calcareous shale.
160-170	As above.
170-180	As above, rare ostracods(?).

Interval Feet	Description
180-190	As above, common fossil fragments.
190-200	As above.
200-210	As above.
210-220	Limestone, light brownish grey, argillaceous, very fine-grained, dense, probably slightly silty, common fossil debris (mainly brachiopods); and minor shale, light grey, calcareous to slightly calcareous, micromicaceous, firm.
220-230	As above.
230-240	As above.
240-250	Shale, light grey, slightly micromicaceous, calcareous, firm, rare poorly preserved brachiopod fragments, trace of light brown, very fine-grained argillaceous limestone.
250-260	Shale and limestone, as above; limestone very fossiliferous with brachiopods and ostracods.
260-270	As above.
270-280	As above.
280-290	Shale, grey, calcareous, slightly micromicaceous, rare ostracods, brachiopod fragments, minor brown, very fine-grained limestone.
290-300	As above.
300-310	As above.
310-320	Shale, as above; with light grey, micaceous, silty, very fine-grained limestone.
320-330	Shale, light grey, calcareous, slightly micromicaceous, slightly silty, firm.
330-340	Shale, as above, and rare, light brown, very fine-grained, fragmental limestone; rare thin white calcite lined fractures.
340-350	As above, but lacking fractures.
	Lorraine and Utica Groups
	Nicolet River Formation - 350' (-249')
350-360	Shale, light grey, calcareous, silty, slightly micromicaceous, rarely fossiliferous with ostracods.

Interval Feet	Description
360-370	As above.
370-380	Shale, light grey, slightly calcareous, micromicaceous, firm.
380-390	As above, fragment of Orthoceras sp.
390-400	As above.
400-410	Shale, light grey, very calcareous to slightly calcareous, micromicaceous, firm.
410-420	As above.
420-430	Shale, light grey, slightly calcareous, micromicaceous, slightly silty to silty, firm.
430-440	As above.
440-450	As above.
450-460	As above.
460-470	As above; rare very fine crystalline pyrite; very rare closed microfractures lined with light brown bituminous matter.
470-480	Shale, as last described, but lacks fractures and pyrite.
480-490	As above.
490-500	Shale, light grey, calcareous, micromicaceous, silty, firm; and siltstone, light grey, argillaceous, calcareous, micromicaceous, difficult friable.
500-510	As above.
510-520	As above.
520-530	Shale, light greenish grey, slightly calcareous, slightly silty, micromicaceous, firm.
530-540	As above.
540-550	As above.
550-560	Shale, as above; and siltstone, light greenish grey, argillaceous, calcareous, micromicaceous.
560-570	As above.
570-580	As above.
580-590	As above, but lacks siltstone.

Interval Feet	Description
590-600	Shale, light greenish grey, slightly calcareous, very slightly silty, micromicaceous, firm.
600-610	As above.
610-620	As above.
620-630	As above, minor siltstone, as last described.
630-640	Shale, medium grey, slightly calcareous, slightly silty, micromicaceous, firm.
640-650	As above.
650-660	As above, trace of poorly preserved shell fragments, ostracods.
660-670	As above.
670-680	As above.
680-690	As above.
690-700	Shale, as above, but with light grey, argillaceous, calcareous siltstone.
700-710	Shale and siltstone, as above.
710-720	Shale, medium grey, slightly calcareous, slightly silty, micromicaceous, firm.
720-730	Shale, medium grey, slightly calcareous, micromicaceous, firm; minor grey, micromicaceous, argillaceous, calcareous siltstone.
730-740	Shale, medium grey, slightly calcareous, micromicaceous, slightly silty, firm; rare brachiopod fragments.
740-750	Shale, as above, and siltstone, as last described.
750-760	Shale, medium grey, very slightly calcareous, slightly silty, slightly micromicaceous, firm.
760-770	Shale, as above.
770-780	Shale, as above; and siltstone, as last described.
780-790	As above.
790-800	As above.
800-810	As above.
810-820	Shale and minor siltstone, as above.

Interval Feet	Description
820-830	As above.
830-840	As above.
840-850	As above.
850-860	As above.
860-870	As above.
870-880	Siltstone, light greenish grey, well sorted quartz, argillaceous, micromicaceous to salt and pepper with mica, slightly calcareous, well cemented, difficult friable; and minor shale, medium grey, very slightly calcareous, micromicaceous, slightly silty, firm.
880-890	As above.
890-900	Shale, medium grey, very slightly calcareous, slightly micromicaceous, slightly silty, firm;and minor siltstone, as last described.
900-910	As above.
910-920	As above.
920-930	As above.
930-940	As above.
940-950	As above.
950-960	As above.
960-970	As above.
970-980	As above, minor brown fragmental limestone.
980-990	Shale and siltstone, as last described.
990-1000	As above.
1000-1010	As above.
1010-1020	As above.
1020-1030	As above.
1030-1040	As above.
1040-1050	Shale, medium grey, slightly micromicaceous, slightly calcareous, slightly silty, firm.

Interval Feet	Description
1050-1060	Shale and siltstone, as described above, trace brachiopod fragments.
1060-1070	Shale, medium grey, slightly micromicaceous, slightly calcareous, slightly silty, firm.
1070-1080	Shale and siltstone, as described above.
1080-1090	As above.
1090-1100	As above.
1100-1110	Shale, medium grey, slightly micromicaceous, slightly calcareous, slightly silty, fairly common brachiopod fragments and moulds.
1110-1120	As above.
1120-1130	As above.
1130-1140	As above.
1140-1150	As above.
1150-1160	As above, fossils absent.
1160-1170	As above.
1170-1180	As above.
1180-1190	As above.
1190-1200	As above.
1200-1210	As above.
1210-1220	Sample missing.
1220-1230	Shale, medium to dark grey, micromicaceous, slightly calcareous, very slightly silty.
1230-1240	As above.
1240-1250	Shale, medium to dark grey, and as above.
1250-1260	Shale, as above, and siltstone, medium grey, salt and pepper quartz and mica, slightly calcareous, argillaceous, and difficult friable.
1260-1270	Shale and siltstone, as above.
1270-1280	Shale and siltstone, as above, rare white calcite lined, closed fractures.
1280-1290	Shale and siltstone, as above.

Interval Feet	Description
1290-1300	As above.
1300-1310	As above.
1310-1320	No sample.
1320-1330	Shale and siltstone, as last described.
1330-1340	Shale, medium to dark grey, micromicaceous, slightly calcareous, very slightly silty, firm.
1340-1350	As above.
1350-1360	As above.
1360-1370	As above.
1370-1380	As above.
1380-1390	As above.
1390-1400	As above.
1400-1410	As above, very light brown streak.
1410-1420	As above.
1420-1430	As above, but fairly silty.
1430-1440	Shale, as last described.
1440-1450	As above.
1450-1460	As above.
1460-1470	As above, but fairly silty.
1470-1480	Shale, as last described.
1480-1490	As above.
1490-1500	Shale, dark grey, micromicaceous, slightly calcareous, very slightly silty, firm, light brown streak.
1500-1510	As above.
1510-1520	As above.
1520-1530	As above.
1530-1540	Shale, as above, but fairly silty.

Interval Feet	Description
1540-1550	Shale, silty, as above.
1550-1560	Shale, dark grey, micromicaceous, slightly calcareous, very slightly silty, firm, light brown streak.
1560-1570	As above.
1570-1580	As above.
1580-1590	As above.
1590-1600	Shale, as above, but fairly silty.
1600-1610	As above.
1610-1620	As above.
1620-1630	As above.
1630-1640	Shale, dark grey, micaceous, very slightly calcareous, very slightly silty, firm, light brown streak.
1640-1650	As above.
1650-1660	As above.
1660-1670	As above.
1670-1680	As above.
1690-1700	As above.
1700-1710	As above.
1710-1720	As above.
1720-1730	As above.
1730-1740	As above.
1740-1750	As above.
1750-1760	As above.
1760-1770	Shale, dark grey, micaceous, slightly silty, very slightly calcareous, firm, light brown streak.
1770-1780	As above.
1780-1790	As above.
1790-1800	As above.
1800-1810	As above.

Interval Feet	Description
1810-1820	As above.
1820-1830	As above.
1830-1840	As above.
1840-1850	As above.
1850-1860	As above.
1860-1870	As above, light brown streak.
1870-1880	As above.
1880-1890	As above.
1890-1900	As above, light to medium brown streak.
1900-1910	Shale, dark grey, micromicaceous, very slightly calcareous, very slightly silty, medium brown streak.
1910-1920	As above.
1920-1930	As above.
1930-1940	As above.
1940-1950	As above.
1950-1960	No sample.
1960-1970	Shale, as above; and siltstone, light grey; quartz and mica, argillaceous, slightly calcareous, well cemented.
1970-1980	Shale, as last described.
1980-1990	Shale, as above, but very silty.
1990-2000	As above.
2000-2010	As above.
2010-2020	As above.
2020-2030	Shale, dark grey, micromicaceous, very slightly calcareous, firm, sub-waxy texture, medium brown streak.
2030-2040	Shale, as above but silty.

Interval Feet	Description
2040-2050	As above.
2050-2060	As above.
2060-2070	As above.
2070-2080	As above.
2080-2090	As above.
2090-2100	As above.
2100-2110	Shale, dark grey, micromicaceous, very slightly calcareous, very slightly silty, medium brown streak.
2110-2120	Shale, as above, but silty.
2120-2130	As above.
2130-2140	As above.
2140-2150	Shale, dark to very dark grey, micromicaceous, very slightly calcareous, very slightly silty, dark brown streak.
2150-2160	As above.
2160-2170	As above.
2170-2180	As above.
2180-2190	As above.
2190-2200	As above.
2200-2210	As above.
2210-2220	As above.
2220-2230	Shale, very dark grey to blackish, slightly silty, slightly micromicaceous, slightly calcareous, firm, dark brown streak, rare white calcite lined micro-fractures.
2230-2240	As above, but without micro-fractures.
2240-2250	As above.
2250-2260	As above, but splintery.
2260-2270	As above.
2270-2280	As above.
2280-2290	As above.

Interval Feet	Description
2290-2300	Shale, very dark grey to blackish, micromicaceous, slightly calcareous, very slightly silty, splintery.
2300-2310	As above.
2310-2320	As above.
2320-2330	As above.
2330-2340	As above.
2340-2350	As above.
2350-2360	As above.
2360-2370	As above.
2370-2380	As above.
2380-2390	As above.
2390-2400	As above.
2400-2410	As above.
2410-2420	As above.
2420-2430	As above.
2430-2440	As above, trace of brown, finely crystalline, dense dolomite.
2440-2450	As above.
2450-2460	As above, but very slightly to non-calcareous.
2460-2470	As above.
2470-2480	As above.
2480-2490	As above.
2490-2500	As above.
2500-2510	As above, trace of brown, finely crystalline, dense dolomite.
2510-2520	Shale, very dark grey to blackish, micromicaceous, essentially non-calcareous, rare siltstone fragments, rare brown, very fine-grained dolomite.
2520-2530	As above.

Interval Feet	Description
2530-2540	As above, some slickensided surfaces and calcite lined micro-fractures.
2540-2550	As above.
2550-2560	As above, but brittle.
2560-2570	Shale, very dark grey to black, micromicaceous, brittle.
2570-2580	Shale, as above, rare dark brown, very fine-grained dolomite fragments.
2580-2590	Shale, as above, with some slickensided surfaces and white, closed, calcite lined micro-fractures.
2590-2600	Shale, very dark grey to black, micromicaceous, brittle.
2600-2610	As above.
2610-2620	As above.
2620-2630	As above.
2630-2640	As above.
2640-2650	As above.
2650-2660	As above.
2660-2670	As above.
2670-2680	Shale, as above, slickensided surfaces, white, calcite lined micro-fractures.
2680-2690	Shale, very dark grey to black, micromicaceous, brittle, rare dark brown dolomite fragments.
2690-2700	As above, lacks slickensided surfaces.
2700-2710	As above.
2710-2720	Shale, as above, dark brown streak, lacks dolomite.
2720-2730	As above.
2730-2740	Shale, as above, but possibly also silty.
2740-2750	Shale, very dark grey to black, micromicaceous, brittle, rare calcite lined micro-fractures.
2750-2760	Shale, as above.

Interval Feet	Description
2760-2770	As above.
2770-2780	As above.
2780-2790	As above.
2790-2800	Shale, as above, trace of brown, very fine-grained dolomite.
2800-2810	As above, trace of brown, very fine-grained dolomite.
2810-2820	Shale, very dark grey to black, micromicaceous, brittle, splintery, trace of calcite lined micro-fractures.
2820-2830	As above, trace of siltstone.
2830-2840	Shale, very dark grey to black, micromicaceous, splintery; trace of brown dolomite.
2840-2850	Shale, as above (lacks dolomite).
2850-2860	As above.
2860-2870	As above.
2870-2880	As above.
2880-2890	As above.
2890-2900	Shale, as above, probably silty, slickensided surfaces.
2900-2910	As above.
2910-2920	As above, probably silty.
2920-2930	As above, probably silty.
2930-2940	As above.
2940-2950	As above, rare slickensided surfaces.
2950-2960	As above.
2960-2970	As above.
2970-2980	As above.
2980-2990	As above, rare micro-fractures.
2990-3000	As above.
3000-3010	As above.
3010-3020	As above, trace of siltstone.

Interval Feet	Description
3020-3030	As above, poor sample.
3030-3040	Shale, as above (very dark grey to black, micromicaceous, splintery).
3040-3050	Shale, as above.
3050-3060	Shale, as above, common slickensided surfaces.
3060-3070	As above.
3070-3080	Shale, very dark grey to black, micromicaceous, brittle, medium brown streak.
3080-3090	Shale, as above, trace of slickensided surfaces.
3090-3100	As above, trace of slickensided surfaces.
3100-3110	As above, trace of slickensided surfaces.
3110-3120	As above, rare white calcite lined micro-fractures.
3120-3130	As above.
3130-3140	As above.
3140-3150	As above.
3150-3160	As above, very abundant slickensided surfaces.
3160-3170	As above.
3170-3180	As above.
3180-3190	Shale, very dark grey to black, micromicaceous, dark brown streak.
3190-3200	As above.
3200-3210	As above.
3210-3220	As above.
3220-3230	As above.
3230-3240	As above.
3240-3250	As above.
3250-3260	As above, trace of siltstone and silty shale.
3260-3270	As above.
3270-3280	As above.

Interval Feet	Description
3280-3290	As above.
3290-3300	As above.
3300-3310	As above.
3310-3320	As above, common slickensided surfaces.
3320-3330	As above, common slickensided surfaces.
3330-3340	As above, common slickensided surfaces.
3340-3350	Shale, very dark grey to black, micromicaceous, brittle, very slightly calcareous, common slickensided surfaces.
	Major Fault Zone - 3,350'
3350-3360	As above, very abundant slickensides, mylonitic.
3360-3370	As above, minor calcite micro-veining, very abundant slickensides.
3370-3380	Poor sample. As above, very mylonitic; minor light brown, very finely crystalline, pyritic dolomite.
3380-3390	Shale, mylonitic, as above, with minor to common, medium to dark brown, very finely crystalline, pyritic, dense dolomite, rare calcite lined micro-fractures.
	Beekmantown Group - 3,390' (-3,289')
	Fault Contact
3390-3400	Dolomite, light to dark brown, very finely crystalline, very slightly pyritic, in part slightly calcareous, and mylonitic shale.
3400-3410	Dolomite, very dark brown to black, very finely crystalline, dense, probably argillaceous; and mylonitic black shale.
3410-3420	Dolomite, light and very dark brown varieties, minor light brown, finely crystalline, dense limestone. Poor sample.
3420-3430	Dolomite, light grey and light brown, finely crystalline, dense.
3430-3435	Dolomite, light and dark brown, very finely to finely crystalline, dense.
3435-3440	Very abundant cavings, probably as above.
3440-3445	Dolomite, very light grey to light brownish grey, very finely crystalline, very rare pyrite, in part calcareous dolomite.

Interval Feet	Description
3445-3450	Dolomite, light greenish grey to light grey, very finely crystalline, rarely pyritic, and dolomite, light brown, very finely crystalline, dense.
3450-3455	Dolomite, as above; and limestone, very light grey and very light brownish grey, finely crystalline, dense.
3455-3460	Limestone, light brownish grey, finely crystalline, dense; trace of glauconite?; and dolomite, light greenish grey, microcrystalline.
3460-3465	Dolomite, light bluish grey, microcrystalline, dense; and dolomite, calcareous, light grey to light brownish grey, finely crystalline, possibly glauconitic, dense.
3465-3470	Limestone, light brownish grey, finely crystalline, dense.
3470-3475	Limestone, light brown, finely crystalline, dense, dolomitic in part.
3475-3480	Limestone, as above, trace of poor intercrystalline porosity, rare intercrystalline dark bituminous lining.
3480-3485	Dolomite, calcareous, light brownish grey, finely crystalline, trace of poor intercrystalline porosity, rare intercrystalline bituminous matter.
3485-3490	Dolomite, as above, grading to dolomitic limestone.
3490-3495	Dolomite, as above.
3495-3500	Limestone, light brown, very fine to finely crystalline.
3500-3505	Dolomite, light brownish grey, very finely crystalline to finely crystalline.
3505-3510	As above.
3510-3515	Dolomite, light brownish grey, very fine to finely crystalline; trace of very poor intercrystalline porosity, in part calcareous.
3515-3520	As above.
3520-3525	As above.
3525-3530	Dolomite, as above; and limestone, light brownish grey, finely crystalline, trace of poor intercrystalline porosity and intercrystalline bituminous matter.
3530-3535	As above.

Interval Feet	Description
3535-3540	Dolomite, light grey, finely crystalline, dense.
3540-3545	Dolomite, as above. (Poor sample)
3545-3550	Dolomite, medium grey, very finely sucrosic to finely crystalline, slightly calcareous in part.
3550-3555	Dolomite, as above.
3555-3560	Dolomite, medium to dark grey, very finely sucrosic to very finely crystalline or finely sucrosic.
3560-3565	Dolomite, as above.
3565-3570	Dolomite, as above, in part calcareous, or dolomitic limestone.
3570-3575	Limestone, light to medium grey, finely crystalline, dolomitic in part to dolomitic limestone, trace of intercrystalline pyrite.
3575-3580	As above, no pyrite.
3580-3585	As above.
3585-3590	As above.
3590-3595	As above.
3595-3600	As above.
3600-3605	As above.
3605-3610	As above.
3610-3615	As above, somewhat more dolomitic.
3615-3620	As above.
3620-3625	Dolomite, light to medium grey, very finely crystalline, calcareous in part.
3625-3630	Limestone and dolomite, as above.
3630-3635	As above.
3635-3640	As above.
3640-3645	As above.

Interval Feet	Description
3645-3650	Dolomite, light to medium grey, finely crystalline and limestone, light grey, finely crystalline, dolomitic, minor poorly sorted, very fine to fine-grained, clear quartz grains; trace of calcareous white quartz, scattered fragments.
3650-3655	As above, but lacks quartz fragments.
3655-3660	Limestone, light grey to white, very finely crystalline, slightly dolomitic, rare to common scattered, very fine to fine-grained, poorly sorted, subangular to subrounded, clear quartz grains; trace of pyrite, very rare glauconite.
3660-3665	As above.
3665-3670	As above.
3670-3675	As above.
3675-3680	As above, very abundant cavings.
3680-3685	As last above.
3685-3690	As above.
3690-3695	As above.
3695-3700	As above.
3700-3705	?Sandstone, dark brownish grey, very fine-grained, calcareous, dolomitic, well sorted, poorly cemented but well compacted; trace of slight poor intergranular porosity with minor limestone, as above.
3705-3710	Sandstone, as above.
3710-3715	Sandstone, dark brownish grey, very fine-grained, calcareous, well sorted, probably argillaceous; and limestone, white, sandy, to very fine-grained.
3715-3720	Limestone, white, very sandy, finely crystalline, with very fine to fine-grained, well and poorly sorted clear quartz, minor calcareous sandstone, very fine-grained.
3720-3725	Sandstone, dark brown, poorly sorted, very fine to fine-grained, quartzose, probably argillaceous, calcareous to very calcareous.
3725-3730	Sandstone, as above and sandstone, white, very fine to fine-grained, poorly sorted, rounded quartz, well cemented by calcite, trace of bituminous(?) coating on grains.

Interval Feet	Description
3730-3735	Sandstone, light grey, very fine to fine-grained, well and poorly sorted, rounded quartz, well compacted, slightly to very calcareous, trace intergranular gilsonite? also dark brown argillaceous; calcareous sandstone, as last described.
3735-3740	As above.
3740-3745	As above.
3745-3750	As above.
3750-3755	Limestone, sandy; or sandstone, calcareous, white and brownish, very fine to finely granular, well and poorly sorted quartz, rare black grains, gilsonitic?, rare grey, fine-grained, silty dolomite.
3755-3760	Limestone, as above, with brownish, slightly argillaceous, calcareous sandstone, with dark greenish grains; rare, finely crystalline, light grey sandy dolomite.
3760-3765	Limestone, as above.
3765-3770	Limestone, sandy, white, fine-grained, with very fine to finely grained quartz; and sandstone, calcareous, very fine- to fine-grained quartz, well cemented by calcite; and sandstone, brownish grey, probably argillaceous, calcareous and dolomitic, very fine- to fine-grained quartz.
3770-3775	Limestone, sandy, pale brown, very fine- to fine-grained, with fine-grained quartz, and sandstone, calcareous, pale brown, very fine- to fine-grained quartz, well cemented by calcite, minor sandy grey dolomite, rare, intergranular, poorly developed light brown bituminous(?) material.
3775-3780	As above.
3780-3785	As above.
3785-3790	As above.
3790-3795	As above.
3795-3800	As above.
3800-3805	As above.
3805-3810	Sandstone, white, very calcareous, very fine- to fine-grained, fairly well sorted, subangular to subrounded, clear and frosted quartz, well compacted, well cemented by fine-grained limestone, minor rare intergranular bituminous material.

Interval Feet	Description
3810-3815	As above.
3815-3820	As above, but white and light grey in colour.
3820-3825	As above.
3825-3830	As above.
3830-3835	As above.
3835-3840	As above.
3840-3845	As above.
3845-3850	As above.
3850-3855	Sandstone, white, white and light grey, very fine to fine-grained, fairly well sorted quartz, rare dark grains, well compacted, slightly calcareous, scattered rounded frosted quartz (fine-grained) grains.
3855-3860	Sandstone, as above, and limestone, as above.
3860-3865	Limestone, light bluish pale grey, finely crystalline, very sandy, and sandstone, as above.
3865-3870	Limestone and sandstone, as above.
3870-3875	As above.
3875-3880	As above.
3880-3885	As above, minor dark brownish, very fine to fine-grained, rounded quartz sandstone, calcareous cement.
3885-3890	As above.
3890-3895	As above.
3895-3900	As above.
3900-3905	Limestone, light grey or white, very fine-grained, very sandy with very fine to fine-grained quartz; sandstone, brownish grey, very fine to fine-grained quartz, calcareous to non-calcareous and dolomite, pale bluish grey, very fine-grained, sandy, dense.
3905-3910	As above.
3910-3915	Limestone, light greyish, finely crystalline, very sandy, trace of glauconite, trace of rounded, frosted, fine- to medium grained quartz grains, in part dolomitic.

Interval Feet	Description
3915-3920	As above.
3920-3925	As above.
3925-3930	As above.
3930-3935	As above.
3935-3940	As above.
3940-3945	As above, but with sandstone, white to brown, fine-grained, well rounded, poorly sorted, well compacted, clear and frosted quartz, very calcareous, and with fairly well developed intergranular brown bituminous(?) staining, probably very poor intergranular porosity.
3945-3950	As above.
	Potsdam - 3,950' (-3,849')
3950-3955	Sandstone, white, very fine- to fine-grained, subangular to sub-rounded, clear and frosted, poorly sorted quartz, well compacted, well cemented, slight to very slightly and non-calcareous.
3955-3960	As above.
3960-3965	As above, with limestone, light grey, fine-grained, sandy and glauconitic.
3965-3970	Sandstone, as above.
3970-3975	Sandstone, as above, minor dark brown, intergranular bituminous(?) staining.
	Cored interval, 3,975'-4,022' -- See Core Description, Core No. 1
3975-3980	Sandstone, white, very fine to fine-grained, fairly well sorted, sub-angular to subrounded, mostly clear quartz, well compacted, very slightly calcareous, clean.
3980-3985	As above, trace of intergranular gilsonitic material.
3985-3990	As above, trace of intergranular gilsonitic material, trace of poor intergranular porosity.
3990-3995	As above, trace of intergranular gilsonitic material, trace white intergranular material (kaolinitic).
3995-4000	As above, trace of intergranular gilsonitic material.
4000-4005	As above, trace of intergranular gilsonitic material.
4005-4010	As above.

Interval Feet	Description
4010-4015	As above.
4015-4020	As above.
4020-4025	Sandstone, white, very fine- to fine-grained, subangular to sub-rounded, mostly clear, fairly well sorted quartz, well compacted, well cemented by minor buff intergranular kaolinitic material, clean.
4025-4030	As above, rare poor intergranular porosity, trace intergranular gilsonite.
4030-4035	As above.
4035-4040	As above.
4040-4045	As above.
4045-4050	As above.
4050-4055	As above.
4055-4060	As above, somewhat more poorly sorted.
4060-4065	As above.
4065-4070	As above.
4070-4075	As above, common intergranular gilsonite.
4075-4080	As above.
4080-4085	As above.
4085-4090	As above, very rare intergranular gilsonite.
4090-4095	As above, trace of intergranular porosity, rare intergranular gilsonite, some brownish sandstone.
4095-4100	As above, trace of intergranular porosity, rare intergranular gilsonite, some brownish sandstone.
4100-4105	As above.
4105-4110	No sample.
	Cored interval, 4,110'-4,117' -- See Core Description, Core No. 2

Interval Feet	Description
4110-4115	Sandstone, white, very fine-grained, fairly well sorted, subangular to subrounded, clear and frosted quartz, well compacted, difficult friable.
4115-4120	Sandstone, white, as above.
4120-4125	Sandstone, as above, trace very poor intergranular porosity.
4125-4130	As above.
4130-4135	As above, no porosity.
4135-4140	As above, no porosity.
4140-4145	As above, no porosity.
4145-4150	As above, no porosity.
4150-4155	As above, no porosity.
4155-4160	As above, no porosity.
4160-4164	As above, no porosity.
4164	Total depth.

CORE DESCRIPTION

Well Name: Laduboro CIG Nicolet No. 1

Logged By: G. V. Lloyd, P. Geol.
J. C. Sproule and Associates Ltd.

Logged At: Calgary, Alberta

Interval Feet	Description
	Core No. 1 - 3,975'-4,022'. Recovered 43'2". Diamond Core.
	Potsdam Formation
3975-3984	Sandstone, white, very fine- to fine-grained, fairly well sorted, subangular to subrounded, mostly clear quartz, very well compacted, scattered intergranular pyrite, clean but very difficult friable, in part slightly calcareous, densely faulted and fractured with (a) abundant, closed, thin (1/16"), irregularly spaced (1/8"-1/2"), vertical, gilsonite lined, random vertical fractures; and (b) fairly common, irregular, mostly closed but rarely open thin (1/16"), more or less horizontal, gilsonite lined fractures, and fairly common horizontal, gilsonite lined, thin laminae 1/4" to 1/2" apart. Gradational contact to:
3984-3989	Sandstone, light brownish grey and light grey, very fine- to fine-grained, poorly sorted, subangular to subrounded, clear and frosted quartz, very well compacted, very slightly calcareous, difficult friable, slightly dirty with intergranular argillaceous material, common poorly developed intergranular gilsonite material, well developed irregular thin, random but gently inclined (less than 10°) laminae of light grey and brownish grey bands. Gradational contact to:
3989-3992	Sandstone, white, very fine-grained, fairly well sorted, subangular, clear quartz, scattered pyrite, well compacted, clean, difficult friable, scattered intra-formational breccia fragments to 1" maximum diameter (light grey or white or slightly darker grey sandstone matrix). Gradational contact to:
3992-4018	Sandstone, white, very fine- to fine-grained, poorly sorted, subangular to subrounded, clear and frosted quartz, very well compacted, very difficult friable, clean, rare intergranular gilsonitic material, fairly common irregularly spaced but essentially horizontal (thin closed) dark partings, very rare steeply inclined closed fractures, apparent bedding approximately horizontal.
4018-4022	Lost core.

Interval Feet	Description
	Core No. 2 - 4,110'-4,117'. Recovered 4'9". Diamond Core
	Potsdam Formation
4110-4114'9"	Sandstone, light grey, very fine- to fine-grained, fairly well sorted, subangular to subrounded, clear and frosted quartz, very well compacted, well cemented with intergranular secondary silica, difficult friable, very clean, very rare pyrite, very poor intergranular porosity along scattered horizontal, thin (1/36") closed fractures, thinly laminated and gently crossbedded in places, but essentially horizontal, rare dark intergranular material along rare horizontal fractures.
4114'9"-4117'	Lost core.

COMPLETION REPORT

Well Name: Laduboro CIG Nicolet No. 1

Date 1963	Remarks
Aug. 13	Ran 4½" casing. Landed and cemented casing at 4,164' K.B., using 400 sacks of cement.
Aug. 14	Landed casing with full weight on slips.
Aug. 15	Removed BOP's. Installed wellhead. Ran Welex Neutron-Collar Locator correlation log. Installed BOP's.
Aug. 16	Perforated with Welex three radial super frac jet shots at 4,109'. Ran and landed 2 3/8" EUE tubing at 4,128'. Displaced drilling mud with fresh water.
Aug. 17	Swabbed fluid level down to 3,500'. Well swabbed dry.
Aug. 18	Acidized perforations at 4,109' with six barrels of Howco 15% MCA acid. Washed 1/4 bbl. past perforations with higher squeeze pressures each 1/4 bbl. to a maximum of 3,900 psig. Formation would not take acid. Left acid sit overnight on perforations.
Aug. 19	Raised tubing to 4,057'. Perforated from 4,109' to 4,112' with 1 11/16" link jets, 4 shots per foot. Shot with acid in hole and 1,000 psig wellhead pressure. Lowered tubing to 4,128'. Installed wellhead and circulated out old acid.
Aug. 20	Acidized perforations from 4,109' to 4,112' with six bbls. of Howco 15% MCA acid by washing. Pressured up to 1,000 psig and formation started taking acid after seven minutes. Washed by one barrel and squeezed one-half barrel to the formation at 550 psig at the rate of 1/4 bbl. per minute. Circulated out excess acid. Standing pressure after acidizing 350 psig. Opened well and unloaded water from casing and tubing.
Aug. 21	Testing well on small orifice.

SUMMARY AND CONCLUSIONS

Laduboro CIG Nicolet No. 1 was drilled as a wildcat venture by Laduboro Oil Limited, Quebec City, P.Q., and Canadian Industrial Gas Limited, Calgary, Alberta, for the purpose of testing all zones of interest for oil and gas down to the top of the Precambrian. The main zones of interest were the Trenton, Chazy, Beekmantown and Potsdam formations. The well flowed at a rate of 924 Mcf. per day on a drill stem test in the Potsdam Formation over the interval, 4,020 to 4,117 feet. Recovery consisted of 390 feet of highly saline salt water. During the drill stem test, the well flowed gas with a fine spray of salt water that appeared to clear up during the test. The static reservoir pressure was recorded at 2,240 psig, which is considered to be abnormally high for this depth. Analyses of the gas indicates a sweet gas with a natural gas liquids content (C_3+) of 0.388 Imperial gallons per thousand cubic feet of raw gas. The BTU content was measured at 1,057.

A 13 3/4-inch surface hole was drilled and 9 5/8-inch casing cemented at 235 feet. An 8 3/4-inch hole was then drilled to the total depth of 4,164 feet. A production string of 4 1/2-inch casing was run to total depth, which was in the Potsdam Formation, in order to evaluate the Potsdam section penetrated and to evaluate possible reservoir zones in the Chazy-Beekmantown strata over the interval, 3408 to 3,448 feet. The electric and other logs, as well as sample descriptions, indicate that there is some porosity in the strata over the above interval.

The well was spudded June 27, 1963, and the rig released on August 19, 1963. A total of 44 days were required to reach the total depth. Thirteen days were lost due to stuck pipe and waiting for weighting material required to mix a 12-pound per gallon mud. This weight of mud was required to hold the high pressure gas under control after reaching a depth of 4,109 feet.

Salt water was used for drilling the upper shale sections and proved to be satisfactory. After reaching a depth of approximately 3,400 feet, it became necessary to add a salt gel to the drilling fluid in order to keep the hole clean of cuttings. Large earthen pits were used in order to allow the solids to settle out of the mud and the solids were jetted out of the pits twice daily. A shale shaker was used shortly after the hole reached 4,109 feet and the stuck pipe condition problem was encountered. A fair amount of very fine shale cuttings were removed from the mud by the shaker, and it is recommended that a shale shaker be used during the entire drilling operations of any future wells.

The use of salt water as a drilling fluid and large earthen pits for settling solids are recommended. A high water loss mud condition of approximately 50 to 60 cc is tolerable, although some starch and diesel fuel is needed to reduce the water loss to approximately 60 cc after adding a gelling material.

The hole had a deviation of 1 1/2° at 2,000 feet; however, this deviation increased to 13° in the next 450 feet, due probably to faulted strata. This rapid change in deviation has been experienced by other operators in the Lowlands and it is recommended in future that deviation surveys be run at least every 200 feet on the upper soft formations. The deviation instrument on the

rig would not record deviations greater than seven degrees and, while waiting for an instrument which would record deviations above seven degrees, drilling was continued, using very little weight. This change in the drilling weight allowed the angle of deviation to decrease, which, in turn, resulted in the formation of a dogleg in the hole. As penetration continued, the hole became tighter until it was necessary to ream the upper portion of the dogleg at 2,000 feet. This reaming removed some of the tightness but it remained a problem to total depth.

At 4,109 feet, the mud became highly gas-cut and the BOP's closed to allow the gas to flow to the surface and out the blowdown line. While waiting on the weighting material, the well was allowed to produce gas and the well bore eventually became dry. After mixing sufficient 12-pound to the gallon mud to kill the well, an attempt was made to trip out of the hole for a drill stem test; however, the string stuck in the hole at 4,090 feet and McCullough Tool Company was engaged to supervise the removal of the stuck pipe. The drill pipe was eventually pulled free and drilling operations continued to total depth.

The drill pipe could possibly have been stuck because of one or a combination of the following reasons:

1. Crooked hole conditions due to faulted and fractured beds which created a dogleg.

2. Wearing a key seat in the dogleg when working the pipe, while awaiting the weighting material.

3. Differential sticking of the drill collars.

4. A gradual and steady increase of solids in the hole.

5. A dry hole condition during the blowing of the well. The shales may have heaved after being wetted when new mud was pumped into the dry well bore to kill the well.

A 47-foot core was taken over the interval from 3,975 to 4,022 feet (Core No. 1), and a 7-foot core was taken over the interval from 4,110 to 4,117 feet (Core No. 2). Both cores were from the Potsdam Formation and both were conventionally analysed for porosity and permeability.

Four drill stem tests were run in the Potsdam Formation. DST No. 1, from 3,945 to 4,022 feet, had two misruns, possibly due to poor packer seats because of the crooked hole conditions or because of mud leaking around the packers through fractures. The third test, DST No. 1B in the same zone gave up 11 Mcf. per day with very low flowing pressures. DST No. 2, from 4,020 to 4,117 feet, gave up 924 Mcf. per day with much higher bottom-hole pressure conditions. DST No. 3, from 4,008 to 4,094 feet, could be interpreted as a misrun because of the high initial shut-in pressure of 1,767 psig compared to 497 psig on the final shut-in pressure. It is possible that the perforations became plugged but since an outside recorder was not run, it is impossible to conclude whether or not this plugging condition existed. DST No. 4, from 4,120 to 4,164 feet, could also be interpreted as a misrun caused by plugged perforations.

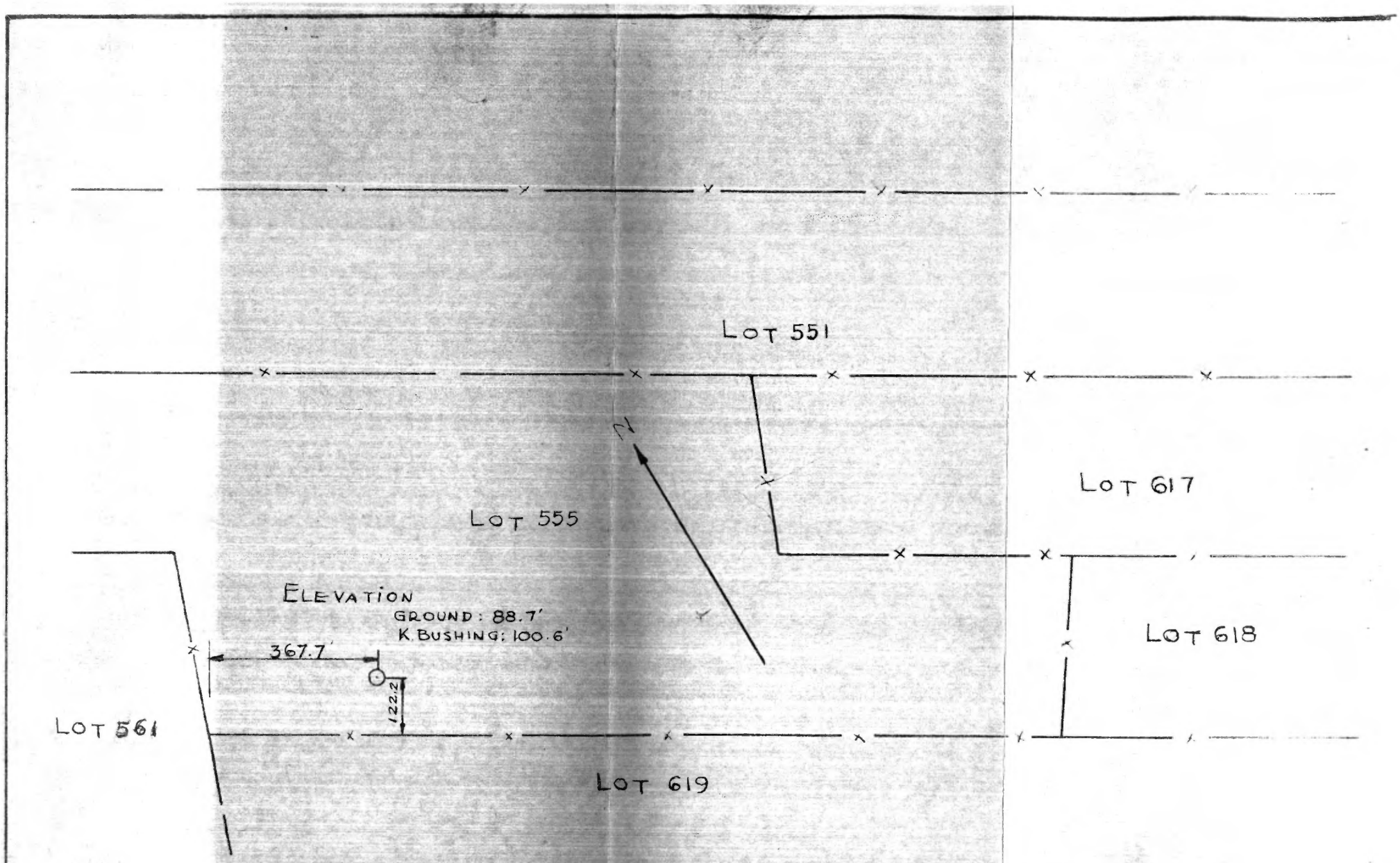
A Guard log, a Gamma Gamma Density log, a Caliper and a Gamma Ray-Neutron log were run by Welex.

The completion of the well was accomplished without difficulties. A string of 2 3/8-inch EUE tubing was run and landed at 4,128 feet. The well was then perforated in the Potsdam Formation from 4,109 to 4,112 feet and washed with six barrels of 15 percent MCA acid with one-half barrel squeezed to the formation. The well was then placed on production test, flowing high pressure gas at rates up to 1.6 MMcf. per day with some salt water.

G. V. Lloyd, P. Geol.

T. W. Link, P. Eng.

1009 Fourth Avenue S. W.,
Calgary, Alberta.
October 7, 1963.
TWL/GVL/fc



JUNE: 1963

WELL LADUBORO-C.I.G. Nº 1 NICOLET

LOT 555 PARISH ST-JEAN BAPTISTE · COUNTY OF NICOLET

CGL-6

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

Edmonton — Fort St. John — Calgary

WATER ANALYSIS REPORT

Field Nicolet, Quebec. Well No. Ladurboro CIG Nicolet #1

Operator Ladurboro Oil Ltd. c/o J.C. Sproule & Associates Ltd. Date Received August 14, 1963

Formation Potsdam Depths 4020' - 4117'

Other pertinent data D.S.T. #2. Top sample. Elevation: 100.6' KB.; 88.7' Grd..
Recovered 390' salt water.

Date Sampled: August 7, 1963 Lab. No. C5923-1

PARTS PER MILLION (MILLIGRAMS PER LITER)

Na & K	Ca	Mg	Fe	SO_4	Cl	CO_3	HCO_3	OH	H_2S
42610	56390	1989	Present	59	171200		110		

MILLIGRAM EQUIVALENTS

1853.51	2813.86	163.50		1.23	4827.84		1.80		

MILLIGRAM EQUIVALENTS IN PERCENT

19.19	29.12	1.69		0.01	49.97		0.02		

Total Solids in Parts per Million

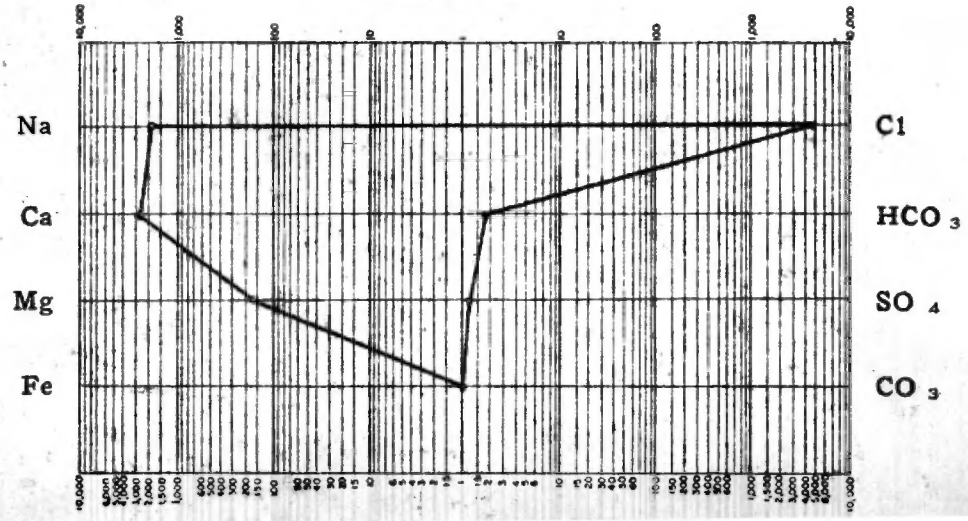
By evaporation 307,540
After ignition 272,080
Calculated 272,302
Specific Gravity 1.196
Observed pH 5.5
Resistivity 0.059 ohm meters @ 68° F.

Properties of Reaction in Percent

Primary salinity 38.38
Secondary salinity 61.58
Primary alkalinity ---
Secondary alkalinity 0.04
Chloride salinity 99.98
Sulfate salinity 0.02

Remarks and conclusions This sample correlates closely with Potsdam formation water from the same general area.

LOGARITHMIC PATTERN
MEQ per unit



CGL-6

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

Edmonton — Fort St. John — Calgary

WATER ANALYSIS REPORT

Field Nicolet, Quebec. Well No. Ladurboro CIG Nicolet #1

Operator Ladurboro Oil Ltd. c/o J.C. Sproule & Associates Ltd. Date Received August 14, 1963

Formation Potsdam Depths 4029' - 4117'

Other pertinent data D.S.T. #2. Middle sample. Elevation: 100.6' KB.; 88.7' Grd.. Recovered 390' salt water.

Date Sampled: August 7, 1963 Lab. No. C5923-2

PARTS PER MILLION (MILLIGRAMS PER LITER)

Na & K	Ca	Mg	Fe	SO_4	Cl	CO_3	HCO_3	OH	H_2S
42860	54070	1504	Present	122	166000		150		

MILLIGRAM EQUIVALENTS

1864.48	2698.09	123.63		2.54	4681.20		2.46		

MILLIGRAM EQUIVALENTS IN PERCENT

19.89	28.79	1.32		0.03	49.94		0.03		

Total Solids in Parts per Million

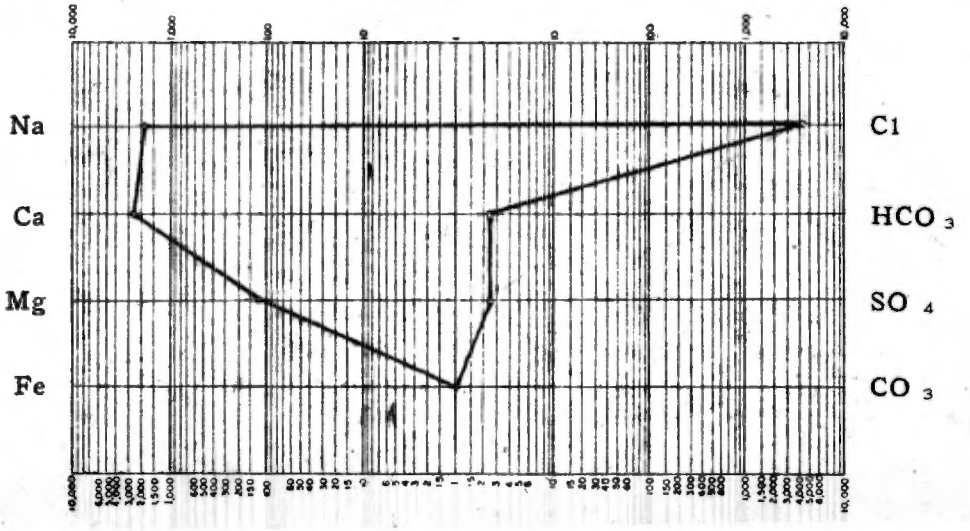
By evaporation	301,040
After ignition	263,130
Calculated	264,630
Specific Gravity	1.191
Observed pH	5.6
Resistivity	0.059 ohm meters @ 68° F.

Properties of Reaction in Percent

Primary salinity	39.78
Secondary salinity	60.16
Primary alkalinity	---
Secondary alkalinity	0.06
Chloride salinity	99.94
Sulfate salinity	0.06

Remarks and conclusions This sample correlates closely with Potsdam formation water from the same general area.

LOGARITHMIC PATTERN (STIFF Diagram)
MEQ per unit



CGL-4

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

10568 - 114th Street, Edmonton, Alberta — Phones: GA 2-5624 - GA 4-2562
428 - 35 Ave. N.E., Calgary, Alberta — Phones: CR 7-6149 - CR 7-0305

GAS ANALYSIS REPORT

FIELD ..... WELL NO. Nicolet #1 Quebec
OPERATOR J.C. Sproule & Associates Ltd. LOCATION .....
FORMATION ..... DEPTHS ..... LAB. NO. E22111
DATE SAMPLED Not Known REPORTED August 13, 1963
REMARKS .....

ORSAT ANALYSIS

	% by Volume
Oxygen	
Nitrogen	
Carbon dioxide	
Hydrogen sulfide	
Total hydrocarbons	
Average "n"	

HYDROGEN SULFIDE
(by Tutwiler Method)

Grains of hydrogen sulfide per 100 cu. ft. of gas at 60° F. and
14.7 lbs. per sq. in.
14.65 lbs. per sq. in.
Percentage of Hydrogen sulfide — Nil

GROSS B.T.U.

60°F. and 14.7 p.s.i.a. — 1061.
60°F. and 14.65 p.s.i.a. — 1057.

CHROMATOGRAPH

	% by Volume	G.P.M. in U.S. Gal. @ 60° F. & 14.696 PSI	G.P.M. in Imp. Gal. @ 60° F. & 14.65 PSI
Oxygen	0		
Nitrogen	1.05		
Carbon dioxide	0		
Hydrogen sulfide	0		
Methane	93.23		
Ethane	4.15		
Propane	0.96	0.264	0.219
Isobutane	0.20	0.065	0.054
N-butane	0.26	0.082	0.068
Isopentane	0.09	0.033	0.027
N-pentane	0.03	0.011	0.009
Hexanes +	0.03	0.014	0.011
TOTAL	100.00	0.469	0.388

G.P.M.

Actual pentanes +	0.058	0.047
Calculated at 12 lbs.	---	---
Calculated at 15 lbs.	---	---
Calculated at 22 lbs.	0.066	0.054
Calculated at 26 lbs.	0.073	0.059

Vapor pressure (calculated) of actual pentanes + — 15.59 — 15.69

Specific Gravity Calculated — 0.598
Specific Gravity by Weight — 0.600

Remarks and Conclusions: The sample was received at a pressure of 12 psig. and the container was clean and dry.

CORE LABORATORIES-CANADA LTD.
CALGARY ALBERTA

Company - CANADIAN INDUSTRIAL GAS LIMITED
Well - LADUBORO CIG NICOLET NO. 1
Field - WILDCAT, QUEBEC
Location - COUNTY NICOLET, LOT 555, RANGE ROUTE DE LA BAIE, CONCESSION ST. JOHN BAPTISTE DE NICOLET

Date Report - AUGUST 9, 1963
Formation -
Analysis - CONVENTIONAL
D. Fluid - WATER BASE MUD

File - CNP-4-1973
Analysts - JA RY
Remarks - DIAMOND

SAMPLE NUMBER	DEPTH REPRESENTED FEET	FOOTAGE REPRESENTED	PERMEABILITY MILLIDARCYS	POROSITY PER CENT	POROSITY FEET	VISUAL EXAMINATION
CORED INTERVAL 3975' - 4022'						
CORE NO. 1 3975' - 4022' (Rec. 43.2') (9 boxes)						
-	3975.0-3983.5	8.5	-	-	-	Dense, no sample
1	3983.5-3984.1	0.6	0.12	1.9	1.14	Fine sand
2	3984.1-3984.5	0.4	0.24	3.5	1.40	Fine sand
3	3984.5-3985.4	0.9	0.13	4.5	4.05	Fine sand
4	3985.4-3986.3	0.9	0.20	2.9	2.61	Fine sand
*5	3986.3-3987.5	1.2	0.07	3.4	4.08	Fine sand
6	3987.5-3988.4	0.9	0.17	3.6	3.24	Fine sand
*7	3988.4-3989.7	1.3	0.08	3.3	4.29	Fine sand
8	3989.7-3990.9	1.2	0.24	3.0	3.60	Fine sand
9	3990.9-3991.2	0.3	0.24	3.5	1.05	Fine sand
-	3991.2-3991.5	0.3	0.05	4.5	1.35	Appears similar to No. 11
*10	3991.5-3992.2	0.7	0.06	6.8	4.76	Fine sand
11	3992.2-3992.7	0.5	0.05	4.5	2.25	Fine sand
12	3992.7-3993.4	0.7	0.05	2.6	1.82	Fine sand
*13	3993.4-3994.3	0.9	0.40	4.4	3.96	Fine sand
14	3994.3-3995.3	1.0	0.33	4.7	4.70	Fine sand
15	3995.3-3996.3	1.0	0.02	3.6	3.60	Fine sand
16	3996.3-3997.3	1.0	0.11	6.3	6.30	Fine sand
17	3997.3-3998 2	0.9	0.25	3.5	3.15	Fine sand
18	3998.2-3999.2	1.0	0.17	5.4	5.40	Fine sand
19	3999.2-4000.4	1.2	0.32	3.7	4.44	Fine sand
20	4000.4-4001.5	1.1	0.13	4.6	5.06	Fine sand

SAMPLE NUMBER	DEPTH REPRESENTED FEET	FOOTAGE REPRESENTED	PERMEABILITY MILLIDARCYS	POROSITY PER CENT	POROSITY FEET	VISUAL EXAMINATION
CORE NO. 1 con t'd						
21	4001.5-4002.5	1.0	0.33	4.9	4.90	Fine sand
22	4002.5-4003.6	1.1	0.33	4.9	5.39	Fine sand'
23	4003.6-4004.6	1.0	0.39	4.1	4.10	Fine sand
24	4004.6-4005.7	1.1	0.79	4.0	4.40	Fine sand
25	4005.7-4006.6	0.9	0.36	5.1	4.59	Fine sand
26	4006.6-4007.2	0.6	1.5	4.5	2.70	Fine sand
27	4007.2-4007.7	0.5	0.11	7.1	3.55	Fine sand
28	4007.7-4008.6	0.9	0.67	5.9	5.31	Fine sand
29	4008.6-4009.6	1.0	0.40	5.5	5.50	Fine sand
30	4009.6-4010.6	1.0	0.33	2.8	2.80	Fine sand
31	4010.6-4011.7	1.1	1.1	4.2	4.62	Fine sand
32	4011.7-4012.7	1.0	0.09	7.1	7.10	Fine sand
33	4012.7-4013.7	1.0	0.07	5.1	5.10	Fine sand
34	4013.7-4014.8	1.1	0.32	4.0	4.40	Fine sand
35	4014.8-4015.8	1.0	0.66	3.6	3.60	Fine sand
36	4015.8-4016.8	1.0	0.17	3.9	3.90	Fine sand
37	4016.8-4017.6	0.8	0.34	4.8	3.84	Fine sand
*38	4017.6-4018.2	0.6	0.04	5.1	3.06	Fine sand
-	4018.2-4022.0	3.8	-	-	-	Lost core

* Full diameter samples reported on Page No. 3 to show fracture permeability which is not measured in the Conventional Small Plug analysis

SAMPLE NUMBER	PERMEABILITY TO AIR (HORIZONTAL) K MAX	(HORIZONTAL) K 90°	VERTICAL	POROSITY PER CENT	DENSITY BULK	DENSITY GRAIN	VISUAL EXAMINATION
5	0.07	0.07	<0.01	3.4	2.59	2.68	Fine sand
7	476.	0.08	<0.01	3.3	2.59	2.68	Fine sand, fracture
10	169.	35.	<0.01	5.7	2.50	2.65	Fine sand, fracture
13	702.	35.	<0.01	5.7	2.49	2.64	Fine sand, fracture
38	17.	0.12	0.03	7.7	2.46	2.66	Fine sand, fracture

Core with Permeability less than 1.0 Millidarcys

Total footage of core with less than 1.0 millidarcys permeability	34.1'	
Weighted average porosity of core with less than 1.0 millidarcys permeability	4.4%	(148.41)
Per cent of analyzed core having less than 1.0 millidarcys permeability	98.3%	
Weighted average horizontal permeability of core with less than 1.0 millidarcys	0.28 md.	(9.537)

Core with Permeability 1.0 to 9.9 Millidarcys

Total footage of core with 1.0 to 9.9 millidarcys permeability	0.6'	
Weighted average porosity of core with 1.0 to 9.9 millidarcys permeability	4.5%	(2.70)
Per cent of analyzed core having 1.0 to 9.9 millidarcys permeability	1.7%	
Weighted average horizontal permeability of core with 1.0 to 9.9 millidarcys	1.5 md.	(0.90)

Core with Permeability 10 Millidarcys and Greater - Nil

Cored interval	3975' - 4022'	
Total footage	47.0'	
Footage analyzed	34.7'	
Footage not analyzed---------- Dense 8.5'------ Lost core 3.8'	12.3'	
Weighted average porosity of core analyzed	4.4%	(151.11)
Weighted average horizontal permeability of core analyzed	0.30 md.	(10.437)

Note: Figures in parentheses indicate porosity feet and permeability feet.

CGL-4

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

10568 - 114th Street, Edmonton, Alberta — Phones: GA 2-5624 - GA 4-2562
428 - 35 Ave. N.E., Calgary, Alberta — Phones: CR 7-6149 - CR 7-0305

GAS ANALYSIS REPORT

FIELD ..... WELL NO. Ladurboro C.I.G. Nicolet #1

OPERATOR J.C. Sproule & Associates Ltd. LOCATION .....

FORMATION ..... DEPTHS 4020' - 4117' LAB. NO. E22132

DATE SAMPLED Not Known REPORTED August 22, 1963

REMARKS D.S.T. #2. Produced gas and water spray. Container pressure approximately 40 psig..

ORSAT ANALYSIS

	% by Volume
Oxygen	
Nitrogen	
Carbon dioxide	
Hydrogen sulfide	
Total hydrocarbons	
Average "n"	

HYDROGEN SULFIDE
(by Tutwiler Method)

Grains of hydrogen sulfide per 100 cu. ft. of gas at 60° F. and

14.7 lbs. per sq. in. —

14.65 lbs. per sq. in. —

Percentage of Hydrogen sulfide Nil

GROSS B.T.U.

60°F. and 14.7 p.s.i.a. 1071

60°F. and 14.65 p.s.i.a. 1068

CHROMATOGRAPH

	% by Volume	G.P.M. in U.S. Gal. @ 60° F. & 14.696 PSI	G.P.M. in Imp. Gal. @ 60° F. & 14.65 PSI
Oxygen	0		
Nitrogen	1.05		
Carbon dioxide	0.17		
Hydrogen sulfide	0		
Methane	92.53		
Ethane	4.29		
Propane	1.06	0.292	0.242
Isobutane	0.24	0.078	0.065
N-butane	0.31	0.098	0.081
Isopentane	0.14	0.051	0.042
N-pentane	0.06	0.022	0.018
Hexanes +	0.15	0.069	0.057
TOTAL	100.00	0.610	0.505

G.P.M.

Actual pentanes +	0.142	0.117
Calculated at 12 lbs.	0.143	0.118
Calculated at 15 lbs.	0.152	0.126
Calculated at 22 lbs.	0.178	0.147
Calculated at 26 lbs.	0.197	0.163

Vapor pressure (calculated) of actual pentanes + 11.49 11.46

Specific Gravity Calculated 0.607

Specific Gravity by Weight 0.611

Remarks and Conclusions: Sample received in a low pressure aluminum container at 46 psig..

A large quantity of mud was found in the container.

FORM 9 CD

CORE LABORATORIES - CANADA, LTD

Petroleum Reservoir Engineering
CALGARY, ALBERTA

Company CIG and Laduboro Formation Potsdam Page 1 of 1

Well LADUBORO CIG NICOLET #1 Coring Equipment Hycalog File CNP- 4 -1973

Field Wildcat Drilling Fluid Salt Water Date Report

Province Quebec Elevation 100.6' KB Analysts

Location Lot 555, Range Route de la Baie, County de Nicolet Remarks

CORE ANALYSIS RESULTS

(Figures in parentheses refer to footnote remarks)

SAMPLE NUMBER	DEPTH FEET	FT REP.	PERMEABILITY MILLIDARCYS	POROSITY PERCENT	POROSITY FEET	RESIDUAL SATURATION		VISUAL EXAMINATIONS & REMARKS
						PORE OIL	TOTAL WATER PORE	
			CORE # 2	4110'-4117'				REC 4.8' 1 BOX
39	4110.0 - 10.6	0.6	0.26	2.7	1.62			FS
40	10.6 - 11.0	0.4	0.35	3.3	1.32			"
41	11.0 - 11.5	0.5	0.08	3.6	1.80			"
42	11.5 - 11.9	0.4	0.23	2.1	0.84			"
43	11.9 - 12.4	0.5	0.17	1.2	0.60			"
44	12.4 - 12.9	0.5	0.03	3.6	1.80			"
45	12.9 - 13.5	0.6	<0.01	2.1	1.26			"
46	13.5 - 13.8	0.3	0.29	2.6	0.78			"
47	13.8 - 14.4	0.6	0.05	3.8	2.28			"
48	14.4 - 14.8	0.4	0.32	3.0	1.20			"
—	4114.8 - 17.0	2.2						NOT RECEIVED

NOTE:
(*) REFER TO ATTACHED LETTER.
(1) INCOMPLETE CORE RECOVERY—INTERPRETATION RESERVED.
(2) OFF LOCATION ANALYSES—NO INTERPRETATION OF RESULTS.

CANADIAN INDUSTRIAL GAS LIMITED

DAILY WELL REPORT

LADUBORO C.I.G. NICOLET NO. 1

NAME _____ TIME _____ DATE Dec. 1 1963 K.B. _____

DEPTH _____ FOOTAGE MADE _____ ACTIVITY Rigging up.

MUD: WT _____ VISC. _____ W.L. _____ F.C. _____ PH _____

MUD ADDITIVES _____

SURVEYS _____

BIT NO. _____ SIZE _____ TYPE _____ OUT AT _____ FOOTAGE DRILLED _____

BIT NO. _____ SIZE _____ TYPE _____ OUT AT _____ FOOTAGE DRILLED _____

MARKERS _____

WEATHER CONDITIONS Freezing slightly for the first time this fall (2 days of frost).

CHRONOLOGICAL DESCRIPTION: Crews arrived today. Intend to thaw out and start the rig, recover mud from the suction pit, etc. and be in a position to kill the well, spot a cement plug and pull tubing December 3rd, 1963. Working 12 hour shifts until the spud in of Yamaska No. 1. To be shipped by Midland Superior Express truck from Edmonton to Nicolet, pick up today the following equipment:

SAMPLE AND CORE DESCRIPTION:

one 9 5/8" guide shoe,

one 9 5/8" float collar or float insert, whichever is the cheaper.

two 9 5/8" x 13 3/4" centralizers,

one cement chaser plug to fit 9 5/8", 32 lbs. per ft. casing.

Check on the availability of a telephone credit card for use in Quebec.

Tom Peart recalled from Quebec to be in Edmonton Friday, December 6th, 1963.

Neil V. Story

cc T.J. Day 9-12-63
J. Mueller

CANADIAN INDUSTRIAL GAS LIMITED

DAILY WELL REPORT

Report of December 2, 1963
Received December 3, 1963

NAME LADUBORO C.I.G. NICOLET NO. 1 TIME 8:00 A.M. DATE _____ K.B. _____

DEPTH 4144' FOOTAGE MADE _____ ACTIVITY Conditioning mud.

MUD: WT 9.9 VISC. _____ W.L. _____ F.C. _____ PH _____

MUD ADDITIVES Salt gel 1240 lbs. Baroid 4500 lbs.

SURVEYS _____

BIT NO. _____ SIZE _____ TYPE _____ OUT AT _____ FOOTAGE DRILLED _____

BIT NO. _____ SIZE _____ TYPE _____ OUT AT _____ FOOTAGE DRILLED _____

MARKERS _____

WEATHER CONDITIONS Clear and cold.

CHRONOLOGICAL DESCRIPTION: Bailed out cellar; installing new 5 1/2" liners and heads on pump. Started up motors, then flared well to thaw out ice on mud pit. Pumped out water and acid from top of pit to sump and then gunned the pits to bring up the mud weight. Increased weight from 8.1 lbs. per gallon to 9.7 lbs. per gallon in 4 hrs. Continued to condition the mud from 12 o'clock midnight to 8:00 A.M. Increased the mud weight from 9.7 lbs. per gallon to 9.9 lbs./gallon.

SAMPLE AND CORE DESCRIPTION: Note: Well was slugging gas and salt water prior to being shut in. Shut in at 6:00 A.M. At 8:00 A.M. tubing pressure - 200 p.s.i.
casing pressure - 1300 p.s.i.

Note: Unable to kill the well with existing mud weight.

Phoned by T. W. Woodman

Copies T.J. Day ~ 1-12-63
" Geo. H 9-12-63

CANADIAN INDUSTRIAL GAS LIMITED

DAILY WELL REPORT

LADUBORO C.I.G. NICOLET NO. 1

Report of December 3, 1963
Received December 4, 1963

NAME _____ TIME 8:00 A.M. DATE _____ K.B. _____

DEPTH _____ FOOTAGE MADE _____ ACTIVITY Rigging up to kill well.

MUD: WT _____ VISC. _____ W.L. _____ F.C. _____ PH _____

MUD ADDITIVES 80 sax Magcobar

SURVEYS _____

BIT NO. _____ SIZE _____ TYPE _____ OUT AT _____ FOOTAGE DRILLED _____

BIT NO. _____ SIZE _____ TYPE _____ OUT AT _____ FOOTAGE DRILLED _____

MARKERS _____

WEATHER CONDITIONS _____

CHRONOLOGICAL DESCRIPTION: Salvaged damaged weight material on lease and added approximately 80 bags of weight material to the mud system. Gunned and paddled pits from 8:00 A.M. to 6:00 P.M. Increased mud weight from 9.9 lbs./gallon to 11.0 lbs. per gallon. Shut down to wait on daylight at 6:00 P.M. Put rig on standby with two men until 8:00 A.M. A carload of mud weighting material arrived in Nicolet from Nova Scotia.

SAMPLE AND CORE DESCRIPTION: _____

Phoned by T. G. Woodman

J: TJ Day 9-12-63

15

CANADIAN INDUSTRIAL GAS LIMITED

DAILY WELL REPORT

Report of Dec. 4-63
Rec'd. Dec. 5-63

LADUBORO C.I.G. NICOLET NO. 1

NAME _____ TIME 8:00 A.M. DATE _____ K.B. _____

DEPTH 3890 FOOTAGE MADE _____ ACTIVITY _____

MUD: WT _____ VISC. _____ W.L. _____ F.C. _____ PH _____

MUD ADDITIVES _____

SURVEYS _____

BIT NO. _____ SIZE _____ TYPE _____ OUT AT _____ FOOTAGE DRILLED _____

BIT NO. _____ SIZE _____ TYPE _____ OUT AT _____ FOOTAGE DRILLED _____

MARKERS _____

WEATHER CONDITIONS _____

CHRONOLOGICAL DESCRIPTION: Rigged to kill well with rig pump. Pumped eleven pounds of mud to the tubing holding 200 p.s.i. on casing. Circulated for one hour and removed entrained gas from the system. Well dead at 11:35 A.M. Broke out master valve and installed B.O.P. Picked up one joint of tubing at 4133' K.B. (9' high). Rigged to cement and spotted cement plug with rig pump over interval 4133-3890 with 20 sacks of construction cement, plus 2% gel. Plug

SAMPLE AND CORE DESCRIPTION: in place at 2:30 P.M. Pulled and racked XX 130 joints of 2 inch tubing. Removed B.O.P's, reinstalled master valves. Chained and padlocked same. Drained pump and line; drained tank. Rig released 10:30 P.M. December 4, 1963.

Phoned by T. G. Woodman.

c: T.J. Day 9-12-63
Geo. Mueller "

CHEMICAL SERVICE REPORT

TYPE TREATMENT MCA WASH & SQUEEZE

DATE Sept. 20, 1963

ATTACH TO TICKET No. A05657

STAGE No.

Halliburton DISTRICT SARNIA, ONT.

PAGE No.

CHEMICAL SERVICE

COMPANY CANADIAN INDUSTRIAL GAS LTD. WELL LADUBORO C.I.G. #1 FIELD NICOLET LSD SEC TWP RGE W

A 125

THE FOLLOWING INFORMATION WAS FURNISHED BY THE WELL OWNER OR HIS AGENT.

FORMATION Potsdam DATE CASING SET Aug 14/63

TUBING. OD 2 3/8 WT. 4.6 DEPTH 4128

CASING: OD 4½" WT. 9.5 DEPTH 4167

LINER: OD FROM TO

PACKER: TYPE SET AT

MAX. ALLOWABLE PRESS.: TBG. 4000 CSG. 4000

TREAT. THRU: TBG. ☒ ANNULUS ☐ CSG. ☐ TBG./ANNULUS ☐

PERF. FROM 4111 TO "SuperFrac" SHOTS/FT. 3

PERF. FROM 4109.5 TO 4112.5 SHOTS/FT. 4

PERF. FROM TO SHOTS/FT.

PERF. FROM TO SHOTS/FT.

OPEN HOLE: SIZE FROM TO

TREAT. INTERVAL: FROM TO

CAPACITY: TBG. 16 ANNULUS 44.5 CSG./OPEN HOLE

BOTTOM HOLE TEMP. DEGREES

MATERIAL USED

TYPE TREATMENT 1. 15% MCA 250 GAL.

TYPE TREATMENT 2. GAL.

INHIBITOR: TYPE MCA 1½ GAL./1000 GAL.

N COMPOUND TYPE GAL./1000 GAL.

PENETRANT TYPE GAL./1000 GAL.

OTHER ADDITIVES GAL. LB./1000 GAL.

GAL. LB./1000 GAL.

GAL. LB./1000 GAL.

SURFACTANT: TYPE GAL.

MIXED IN GAL. OF

DIVERTING AGENTS: TYPE AMOUNT

TYPE AMOUNT

LABORATORY REACTION TIME 1 MIN.

2 MIN.

TREATMENT SUMMARY

HYDRAULIC HORSE POWER AVAILABLE 110

HHP. DN TBG. 110 CSG. MANIFOLDED ☐

INJECTION RATES: BPM.

TREATING DISP. AVERAGE

PRESSURES: PSI. BREAKDOWN FROM 1000 TO 750

MIN. 450 MAX. 1000 DISP. 750

INSTANT SHUTDOWN 750 5 MIN. 450

VOLUMES: FLUID TO FILL HOLE BBL.

1ST STAGE: TYPE GAL.

2ND STAGE: TYPE GAL. BBL.

3RD STAGE: TYPE GAL.

4TH STAGE: TYPE GAL.

FLUSH FLUID: TYPE BBL.

TOTAL FLUID PUMPED INTO WELL: BBL.

TREATING LOG

TIME	PRESSURES TUBING	PRESSURES CASING	VOLUME PUMPED (BBL.)	VOLUME IN FORMATION (BBL.)	RATE (BPM.)	REMARKS
10:00						Hole full, start acid down tubing
10:13	350	400	16			Acid on bottom, stop pump
10:18	350	400				Start 1 bbl. wash
10:20	1000	1050	17			Finish 1 bbl. wash, shut down
10:28	700	750				
10:35	450	500				Bleeding away slowly
10:43	450	500				Bleed off tubing (1 bbl)
10:53						Start ½ bbl. squeeze
10:55	750	800	17½			Finish ½ bbl. squeeze
11:10	450	500				
11:15	600					Start circulating acid out of hole
11:55	600					Finish circulating hole

SUMMARY OF PLANNED PROGRAM

Circulate 250 gallons 15% MCA to bottom. Wash perforations at 1000 PSI. Squeeze ½ bbl. into perforations. Circulate excess acid out.

(No pressure chart available)

HALLIBURTON OPERATOR W. Dennis

COMPANY REPRESENTATIVE T. Link & T. Woodman

HOWCO 7075106 bu

GM-1959

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BJ Service

B-W BORG-WARNER

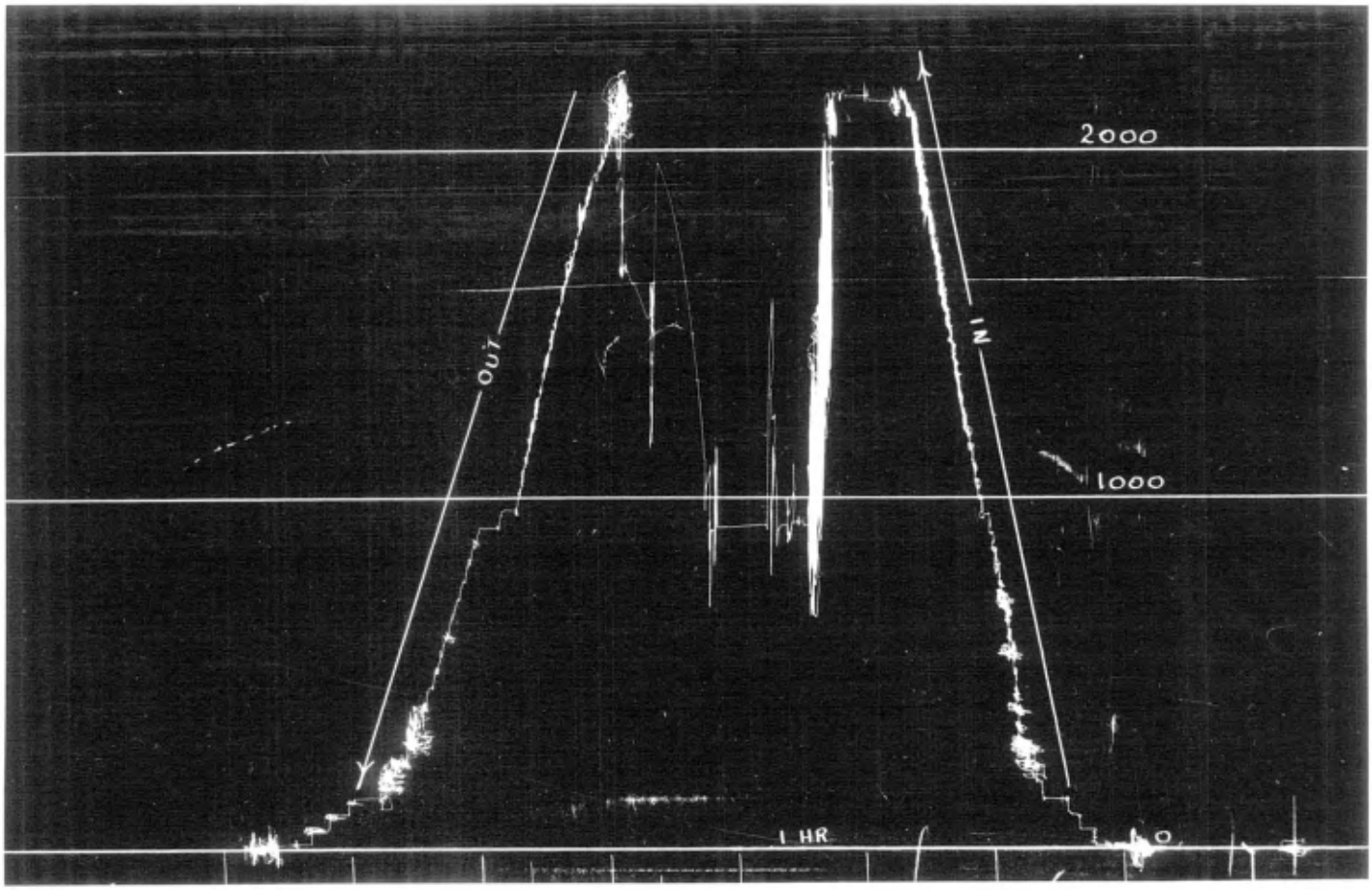
SERVICE REPORT

A 125

PROGRAM	DRILL STEM TEST # 1
ZONE	POTSDAM
COMPANY	LADUBURO OILS LIMITED
WELL	LADUBORO CIG NICOLET NO. 1
LOCATION	
TICKET No.	

Dm - 1959

BJ SERVICE OF CANADA LTD. · · · CALGARY, ALBERTA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OUT
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1000
1 HR
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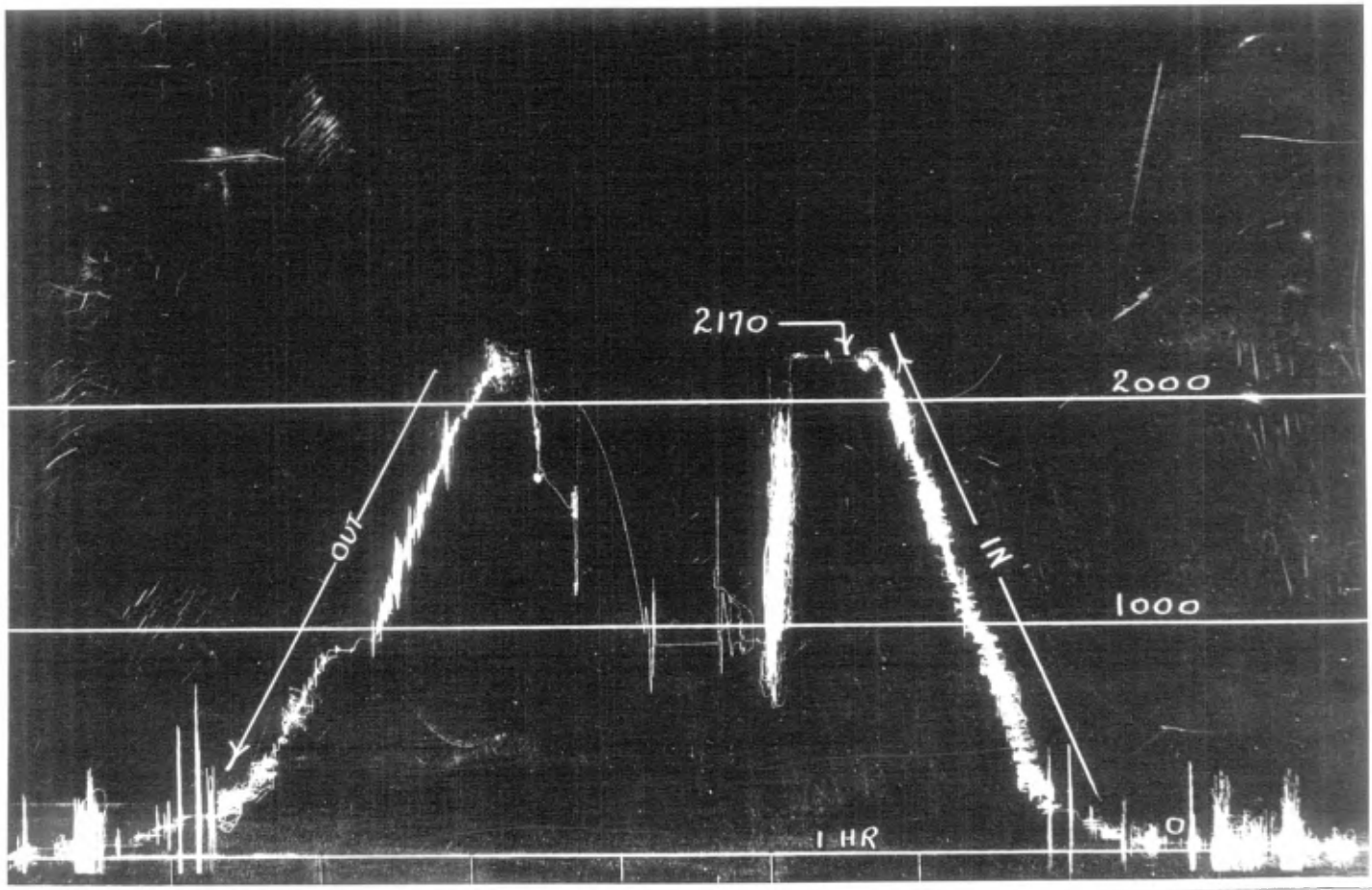
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OUT
IN
1000
1 HR
0

OIL FIELD BJ SERVICES

SERVICE OF CANADA LTD. **TESTING REPORT**

BW

DRILL-STEM TEST DATA

Well Name Laduboro CIG Nicolet	Test No. 1
Well Number No. 1	Zone Tested Potsdam
Company Laduboro Oils Limited	Date July 22/63
Comp Rep. Ted Link	Tester Mel Moscrip

Recorder No. 1251	Clock Range 12 hr	Recorder No. 1232	Clock Range 12 hr
Depth 3942		Depth 4022	
Initial Hydro Mud Press. 2128		Initial Hydro Mud Press. 2170	
Initial Shut-in Press.		Initial Shut-in Press.	
Initial Flow Press.		Initial Flow Press.	
Final Flow Press.		Final Flow Press.	
Final Shut-in Press.		Final Shut-in Press.	
Final Hydro Mud Press.		Final Hydro Mud Press.	
Temperature		Tool Open Before I.S.I.	Mins.
Mud Drop		Initial Shut-in	Mins.
Mud Weight 9.8	Viscosity 42	Flow Period	Mins.
Fluid Loss		Final Shut-in	Mins.
Interval Tested 3950 - 4022		Surface Choke Size	
Net Pay Tested		Bottom Choke Size 1/2"	
Top Packer Depth 3950		Main Hole Size 8 3/4"	
Bottom Packer Depth		Rat Hole Size	
Total Depth 4022		Feet Of Rat Hole	
Drill Pipe Size 3 1/2" I.F.	Wt.	Type of Test Bob Tail	
Drill Collar I.D. 6 3/4"	Ft. Run 270	Cushion Amount—Type	
Anchor Size 4 3/4" O.D.		Rubber Size 7 1/2"	

Recovery—Total Feet 1660

Recovered 1660 Feet Of Gas cut drilling mud

Recovered ____ Feet Of ____

Recovered ____ Feet Of ____

Recovered ____ Feet Of ____

Remarks
Misrun Packer seat failure.

Jan 1959

BJ SERVICE OF CANADA LTD. · · · CALGARY, ALBERTA

BJ Service

B-W BORG-WARNER

SERVICE REPORT

A125

PROGRAM	DRILL STEM TEST # 1A
ZONE	POTSDAM
COMPANY	LADUBORO OILS LIMITED
WELL	LADUBORO CIG NICOLET NO. 1
LOCATION	
TICKET No.	

Jan 1959

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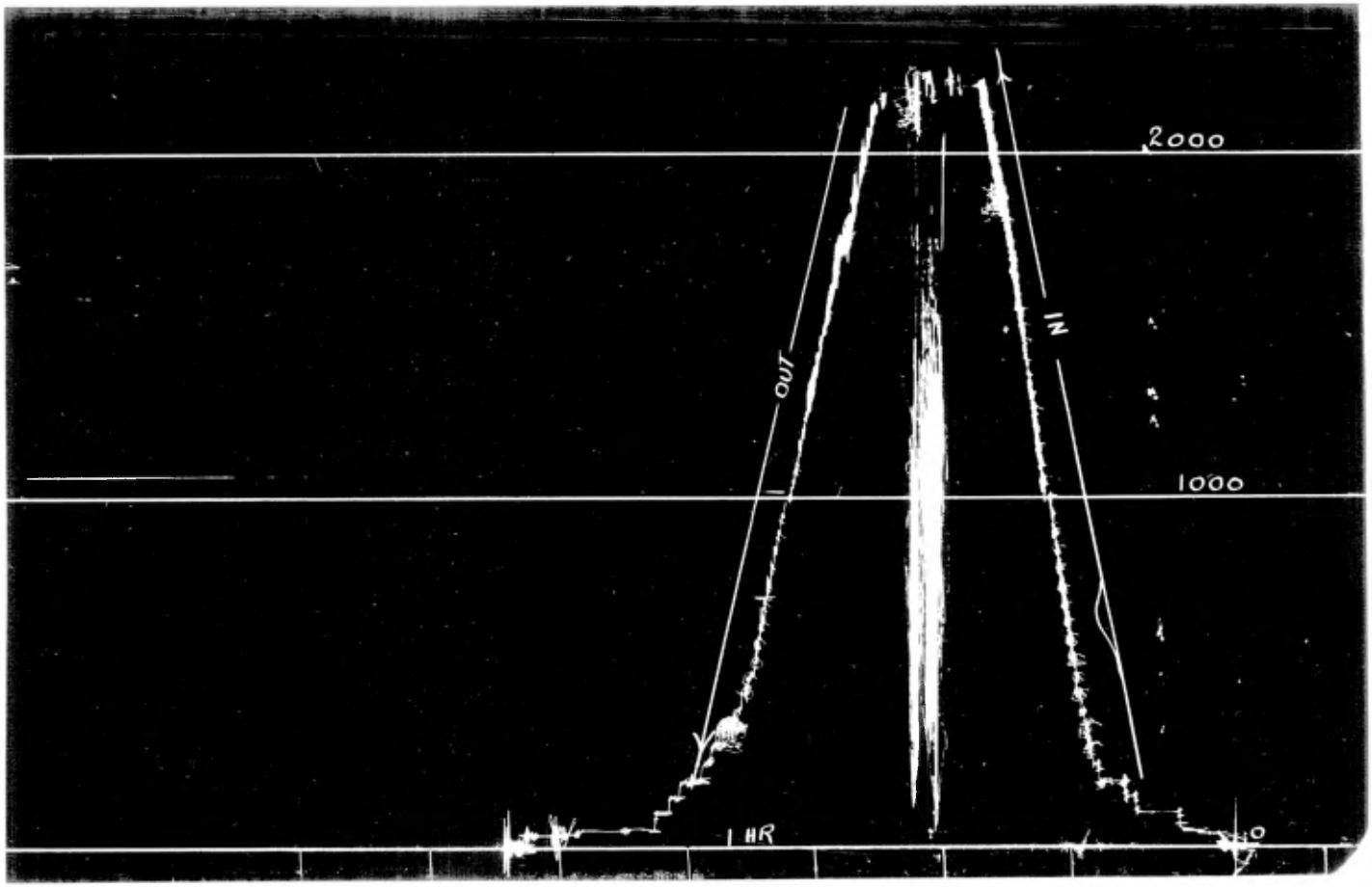
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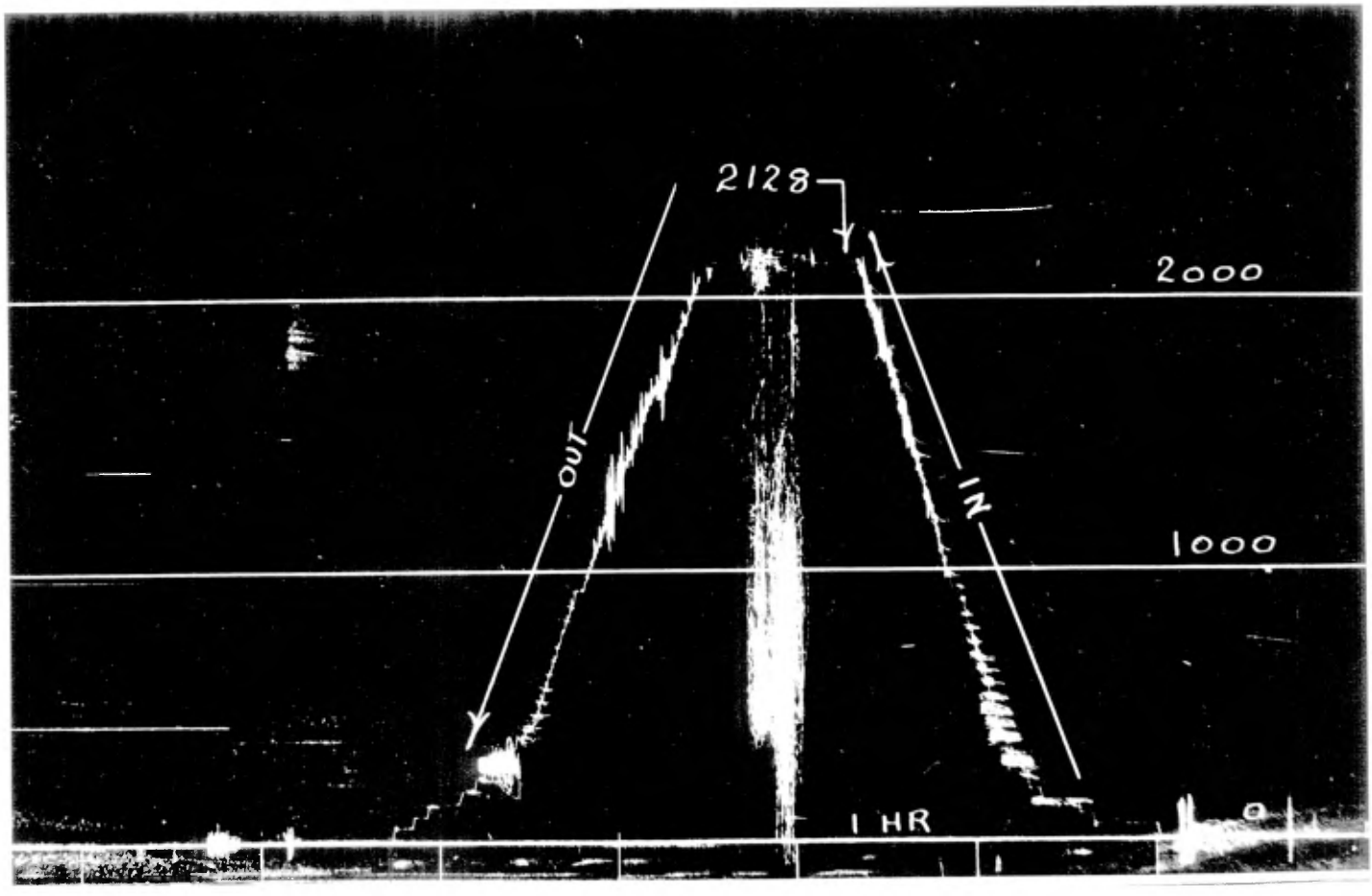
OUT
IN
1000
1 HR
0


2128
2000
OUT
IN
1000
1 HR
0

OIL FIELD BJ SERVICES

SERVICE OF CANADA LTD. **TESTING REPORT**

BW

DRILL-STEM TEST DATA

Well Name Laduboro CIG Nicolet	Test No. 1A
Well Number No 1	Zone Tested Potsdam
Company Laduboro Oils Limited	Date July 22, 1963
Comp. Rep. Ted Link	Tester Mel Moscrip

Recorder No. 1251	Clock Range 12 hr	Recorder No. 1232	Clock Range 12 hr
Depth 3947		Depth 4022	
Initial Hydro Mud Press. 2090		Initial Hydro Mud Press. 2128	
Initial Shut-in Press.		Initial Shut-in Press.	
Initial Flow Press.		Initial Flow Press.	
Final Flow Press.		Final Flow Press.	
Final Shut-in Press.		Final Shut-in Press.	
Final Hydro Mud Press.		Final Hydro Mud Press.	
Temperature		Tool Open Before I. S. I.	Mins.
Mud Drop		Initial Shut-in	Mins.
Mud Weight 9.8	Viscosity 42	Flow Period	Mins.
Fluid Loss		Final Shut-in	Mins.
Interval Tested 3955 - 4022		Surface Choke Size	
Net Pay Tested		Bottom Choke Size ½"	
Top Packer Depth 3955		Main Hole Size 8 3/4"	
Bottom Packer Depth 4022		Rat Hole Size	
Total Depth		Feet Of Rat Hole	
Drill Pipe Size 3½" IF	Wt.	Type of Test Bob Tail	
Drill Collar I. D. 6 3/4"	Ft. Run 270	Cushion Amount—Type	
Anchor Size 4 3/4" O.D.		Rubber Size 7½"	

Recovery—Total Feet 540

Recovered 540 Feet Of Slight gas cut drilling mud

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Remarks

Misrun Packer seat failure.

Em 1959

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BJ Service

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SERVICE REPORT

A 125

PROGRAM	DRILL STEM TEST # 1B
ZONE	POTSDAM
COMPANY	LADUBORO OILS LIMITED
WELL	LADUBORO CIG NICOLET NO. 1
LOCATION	
TICKET No.	

GM-1959

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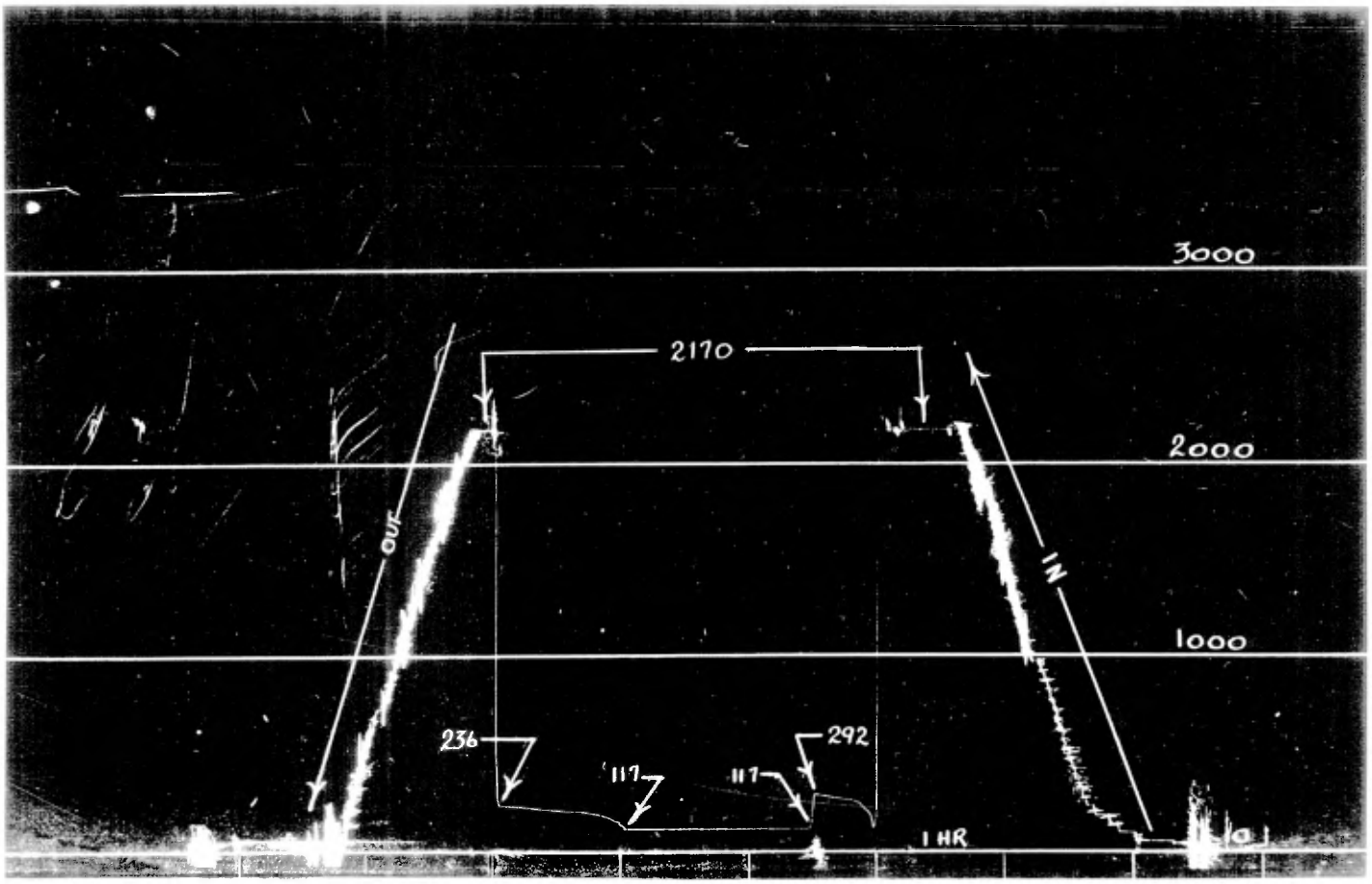
3000
2170
2000
OUT
IN
1000
236
117
117
292
1 HR
0

OIL FIELD BJ SERVICES BW

SERVICE OF CANADA LTD. **TESTING REPORT**

DRILL-STEM TEST DATA

Well Name Laduboro CIG Nicolet	Test No. 1B
Well Number No 1	Zone Tested Potsdam
Company Laduboro Oils Limited	Date July 22, 1963
Comp. Rep. Ted Link	Tester Mel Moscrip

Recorder No	1251	Recorder No.	1232
Clock Range	12 hr	Clock Range	12 hr
Depth	3937	Depth	4022
Initial Hydro Mud Press.		Initial Hydro Mud Press.	2170
Initial Shut-in Press.		Initial Shut-in Press.	292
Initial Flow Press.		Initial Flow Press.	117
Final Flow Press		Final Flow Press.	117
Final Shut-in Press.		Final Shut-in Press.	236
Final Hydro Mud Press.		Final Hydro Mud Press.	2170
Temperature		Tool Open Before I.S.I.	2 Mins.
Mud Drop		Initial Shut-in	29 Mins.
Mud Weight	9.8	Viscosity 42	Flow Period 90 Mins.
Fluid Loss		Final Shut-in	59 Mins.
Interval Tested	3945 - 4022	Surface Choke Size	
Net Pay Tested		Bottom Choke Size	1/2"
Top Packer Depth	3940	Main Hole Size	8 3/4"
Bottom Packer Depth	3945	Rat Hole Size	
Total Depth	4022	Feet Of Rat Hole	
Drill Pipe Size	3 1/2" I.F.	Wt. 13.3	Type of Test Dual Bob Tail
Drill Collar I. D.	6 3/4"	Ft. Run 120	Cushion Amount—Type
Anchor Size	4 3/4" O.D.		Rubber Size 7 1/2" x 7 1/2"

Recovery—Total Feet 120

Recovered 120 Feet Of Gas cut Drilling Mud

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Remarks

GIP GAP GTS in 37 Minx., @ 11 MCF/Day. Held steady throughout test.

Am 1959

BJ SERVICE OF CANADA LTD. · · · CALGARY, ALBERTA

BJ Service

B-W BORG-WARNER

SERVICE REPORT

A 125

PROGRAM	DRILL STEM TEST # 2
ZONE	POTSDAM
COMPANY	LADUBORO OILS LIMITED
WELL	LADUBORO CIG NICOLET
LOCATION	
TICKET No.	

GM. 1959

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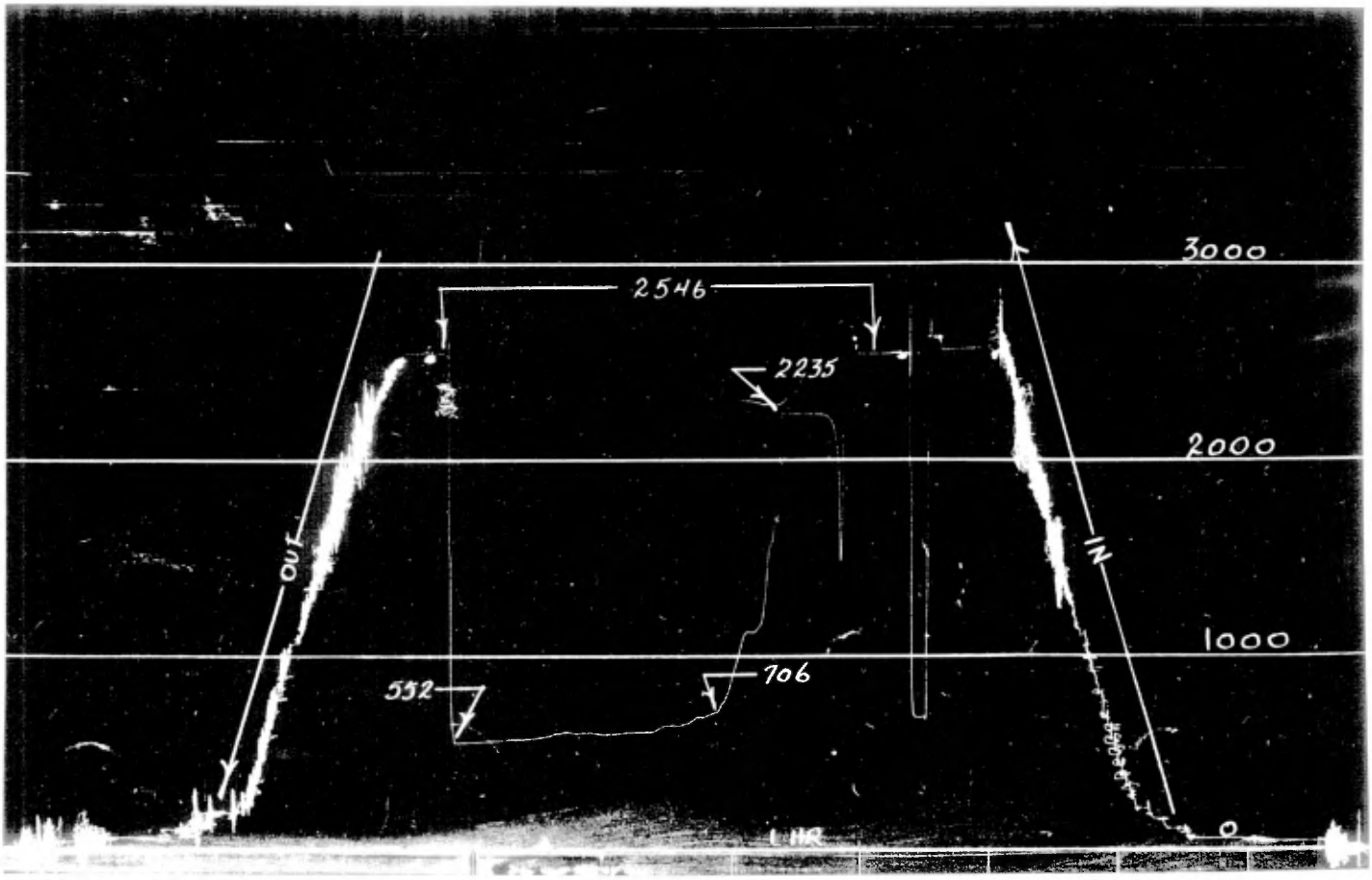
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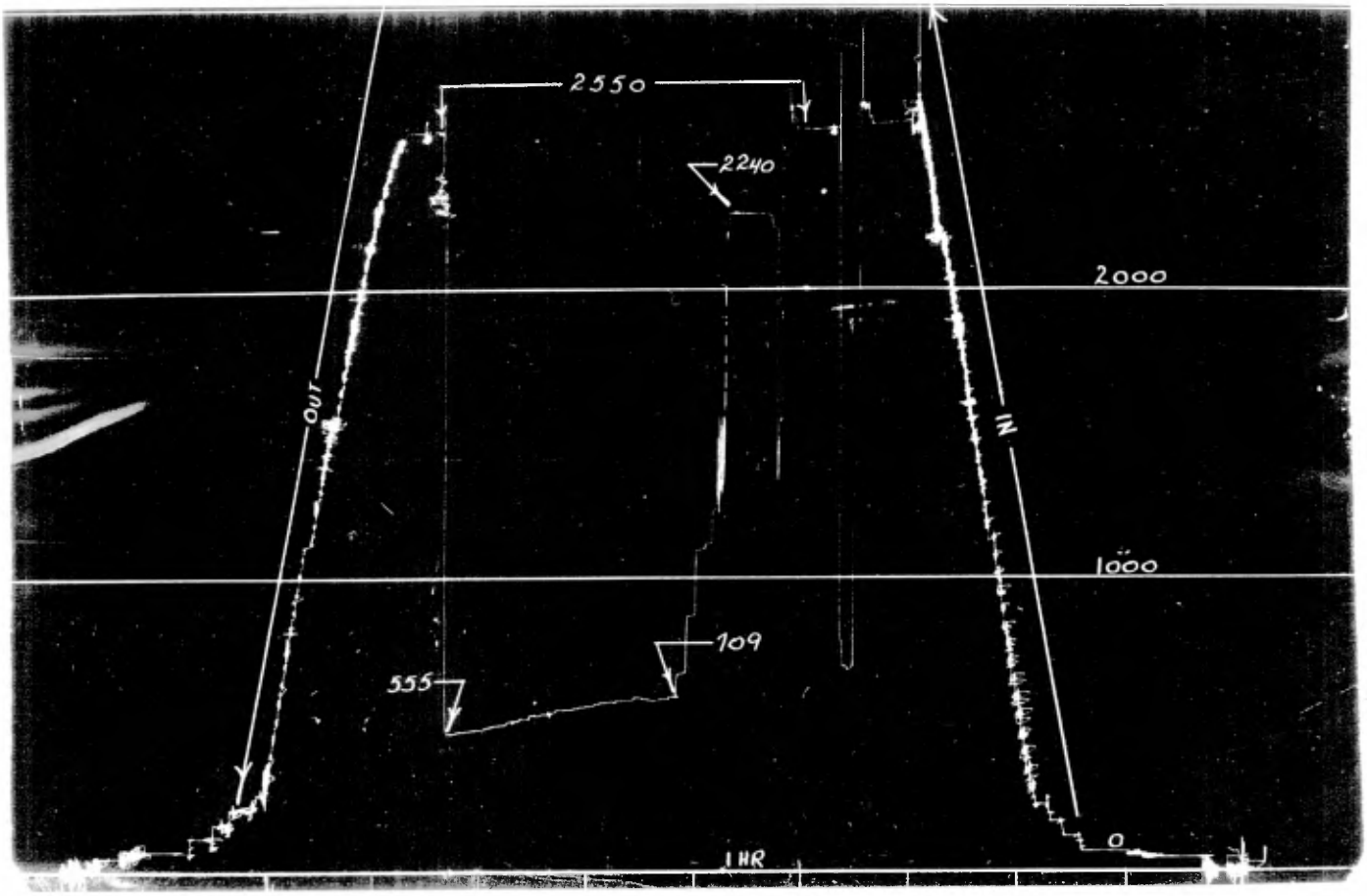
2546
2235
2000
OUT
IN
1000
552
706
0
1 HR


2550
2240
2000
OUT
IN
1000
109
555
0
1 HR

OIL FIELD BJ SERVICES — SERVICE OF CANADA LTD. — TESTING REPORT

BW

DRILL-STEM TEST DATA

Well Name	Laduboro CIG Nicolet	Test No.	Two
Well Number	1	Zone Tested	Potsdam
Company	Laduboro Oils Limited	Date	Aug. 7, 1963
Comp. Rep.	Ted Link	Tester	M. Moscrip

Recorder No.	1251	Recorder No.	1232
Clock Range	12 hr	Clock Range	12 hr
Depth	4117	Depth	4117
Initial Hydro Mud Press.	2550	Initial Hydro Mud Press.	2550
Initial Shut in Press.	2240	Initial Shut-in Press.	2240
Initial Flow Press.	709	Initial Flow Press.	709
Final Flow Press.	555	Final Flow Press.	555
Final Shut-in Press.		Final Shut-in Press.	
Final Hydro Mud Press.	2550	Final Hydro Mud Press.	2550
Temperature		Tool Open Before I.S.I.	2 Mins.
Mud Drop		Initial Shut-in	30 Mins.
Mud Weight	11.5	Flow Period	100 Mins.
Viscosity	53	Final Shut-in	Mins.
Fluid Loss	5.5		
Interval Tested	4020 - 4117	Surface Choke Size	3/4"
Net Pay Tested		Bottom Choke Size	1/2"
Top Packer Depth	4015	Main Hole Size	8 3/4"
Bottom Packer Depth	4020	Rat Hole Size	6 1/8"
Total Depth	4117	Feet Of Rat Hole	
Drill Pipe Size	3½ I.F.	Type of Test	Dual 7½ x 7½
Wt.		Cushion Amount—Type	
Drill Collar I.D.	6 3/4 H90	Ft. Run	360
Anchor Size	4 3/4" O.D.	Rubber Size	7½

Recovery—Total Feet 390

Recovered 360 Feet Of Salt water and a trace of mud

Recovered 30 Feet Of Salt water and a trace of mud

Recovered Feet Of

Recovered Feet Of

Remarks

Strong Initial Blow, GTS in 2 mins., Mud to surface in 8 mins., SGB throughout test. Orifice well tester 3/4" @ 6:00 p.m. - 50 PSI 6:15 p.m. - 55 PSI, 6:35 p.m. - 60 PSI, 6:55 p.m. - 60 PSI 7:00 p.m. - 60 PSI. 1064 MCF/Day

Jan 1959

OILFIELD BJ SERVICES

SERVICE OF CANADA LTD. **TESTING REPORT**

BW

DST PRESSURE INCREMENTS

photo TESTING REPORT

Recorder No 1232 Depth 4112'

Points	INITIAL CIP				FINAL CIP			
	Time Defl. "	T + θ	$\frac{T+\theta}{\theta}$	PSIG	Time Defl. "	T + θ	$\frac{T+\theta}{\theta}$	PSIG
1	0			1447				
2	5			2216				
3	10			2232				
4	15			2235				
5	20			2235				
6	25			2235				
7	26			2235				
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								

BJ SERVICE OF CANADA LTD. · · · CALGARY, ALBERTA

BJ Service

B-W BORG-WARNER

SERVICE REPORT

PROGRAM	DRILL STEM TEST # 3 A 125
ZONE	POTSDAM
COMPANY	LADUBORO OILS LIMITED
WELL	LADUBORO CIG NICOLET
LOCATION	
TICKET No.	

GM-1959

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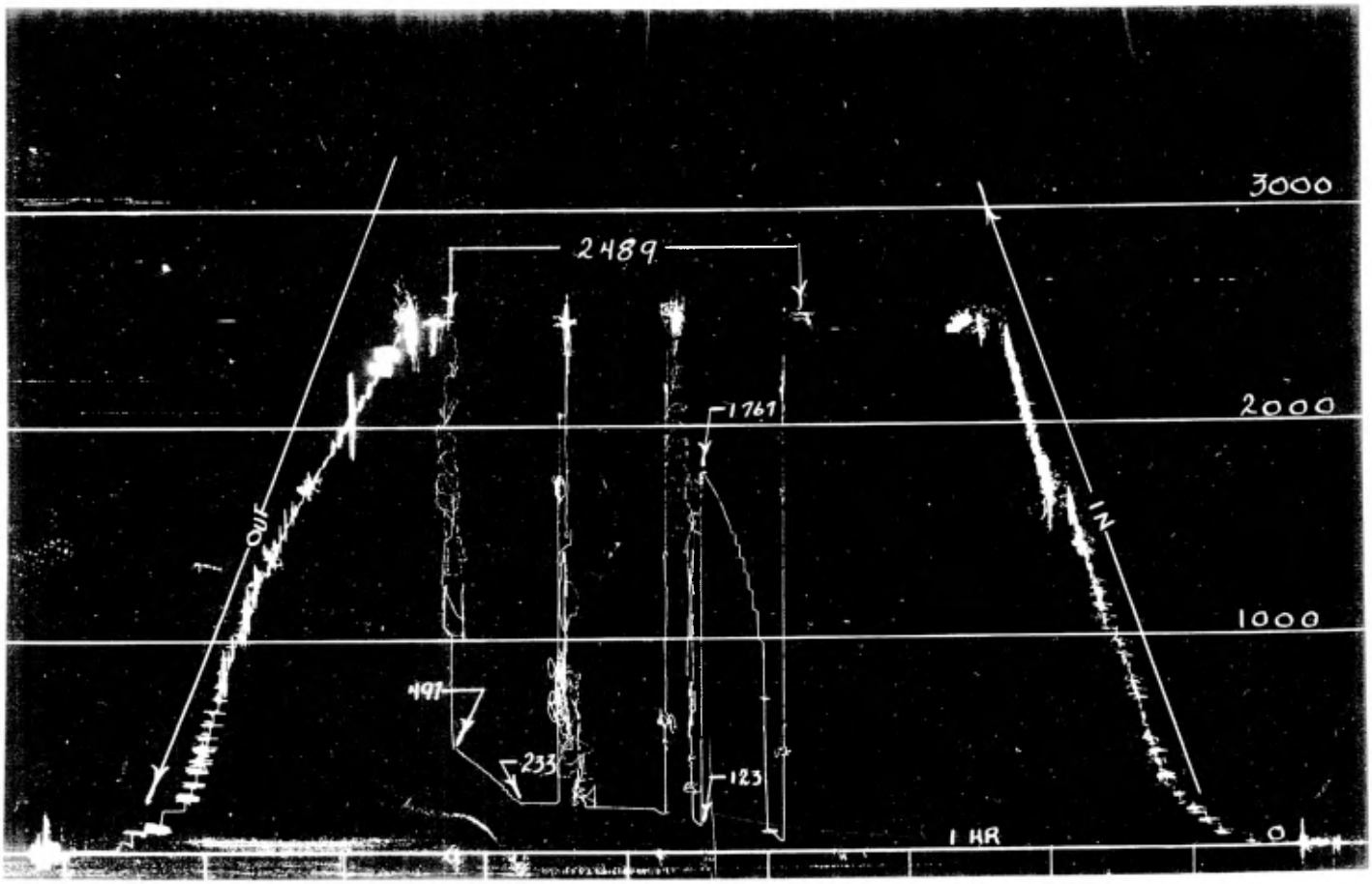
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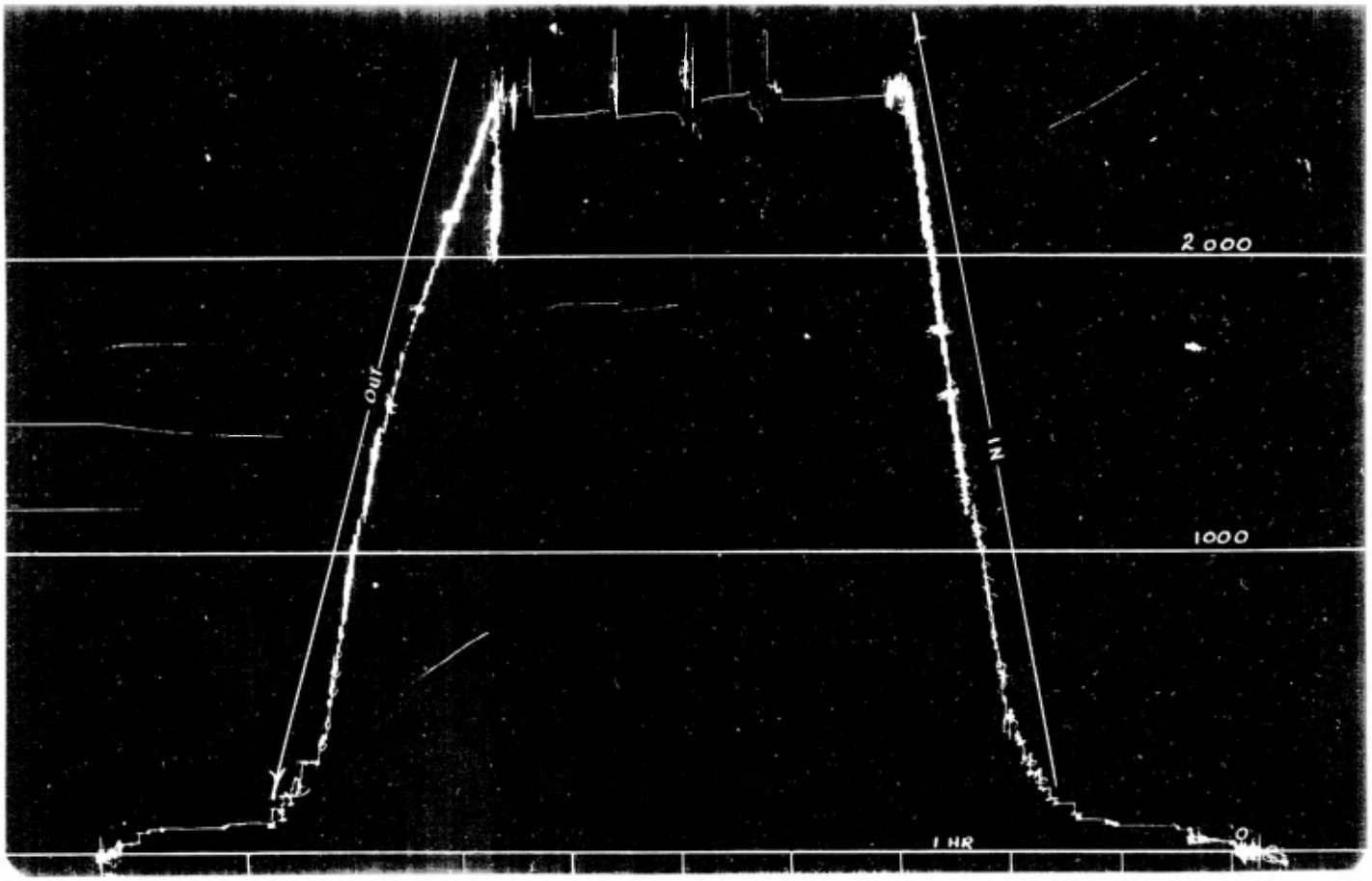
2000
1000
0
2489
1761
197
233
123
OUT
IN
1 HR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OUT
IN
1 HR

OIL FIELD BJ SERVICES SERVICE OF CANADA LTD. TESTING REPORT

BW

DRILL-STEM TEST DATA

Well Name Laduboro CIG Nicolet	Test No. Three
Well Number 1	Zone Tested Potsdam
Company Laduboro Oils Limited	Date Aug 12, 1963
Comp Rep Ted Link	Tester M. Moscrip

Recorder No.	1232	Recorder No.	1251
Clock Range	12 hr	Clock Range	12 hr
Depth	4004	Depth	4164
Initial Hydro Mud Press.	2489	Initial Hydro Mud Press.	
Initial Shut-in Press.	1767	Initial Shut-in Press.	
Initial Flow Press.	123	Initial Flow Press.	
Final Flow Press.	233	Final Flow Press.	
Final Shut-in Press	497	Final Shut-in Press.	
Final Hydro Mud Press.	2489	Final Hydro Mud Press.	
Temperature	114°F	Tool Open Before I.S.I.	5 Mins.
Mud Drop		Initial Shut-in	30 Mins.
Mud Weight	12.2	Flow Period	60 Mins.
Viscosity	40	Final Shut-in	30 Mins.
Fluid Loss			
Interval Tested	4008 - 4094	Surface Choke Size	3/4" Adjustable
Net Pay Tested		Bottom Choke Size	½"
Top Packer Depth	4008	Main Hole Size	8 3/4"
Bottom Packer Depth	4094	Rat Hole Size	
Total Depth	4164	Feet Of Rat Hole	
Drill Pipe Size	3½" I.F.	Type of Test	Full Hole Straddle'
Wt.		Cushion Amount—Type	
Drill Collar I.D.	6 3/4"	Ft. Run	305
Anchor Size	4 3/4" O.D.	Rubber Size	7½" x 7½"

Recovery—Total Feet 340

Recovered 305 Feet Of Gas cut drilling mud

Recovered 35 Feet Of Gas cut drilling mud

Recovered Feet Of

Recovered Feet Of

Remarks

GIP FAB reset packer, fair air blow dying in 20 mins reset packer after 40 mins weak air blow dying in 5 mins.

Mud started to drop when opened tool after initial shut-in so reset packer lost about 9' to 12' of mud all together

dm 1959

BJ SERVICE OF CANADA LTD. · · · CALGARY, ALBERTA

BJ Service

B-W BORG-WARNER

SERVICE REPORT

A 125

PROGRAM	DRILL STEM TEST # 4
ZONE	POTSDAM
COMPANY	LADUBORO OILS LIMITED
WELL	LADUBORO CIG NICOLET
LOCATION	
TICKET No.	

GM- 1959

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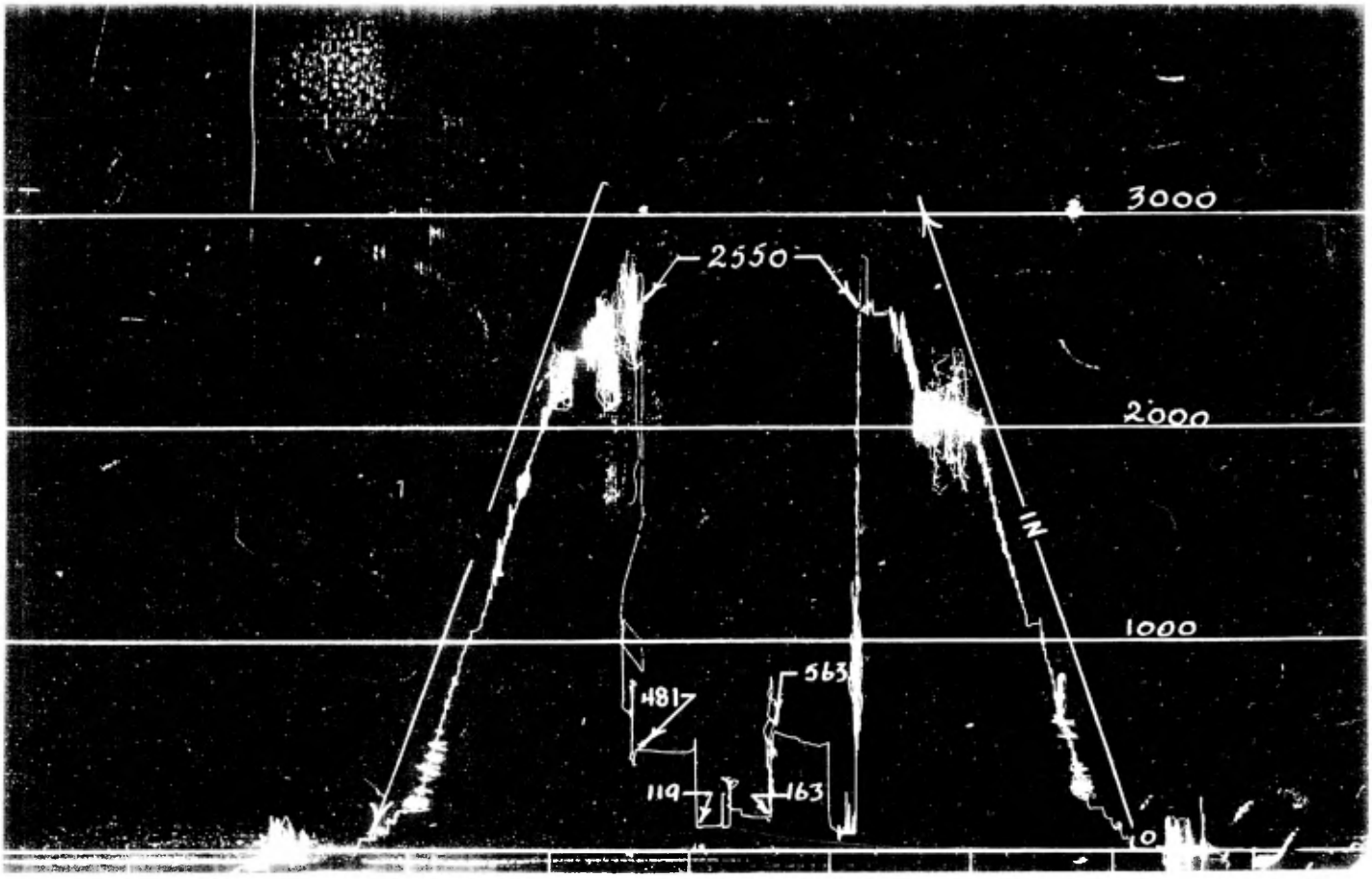
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2550
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IN
1000
563
481
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163
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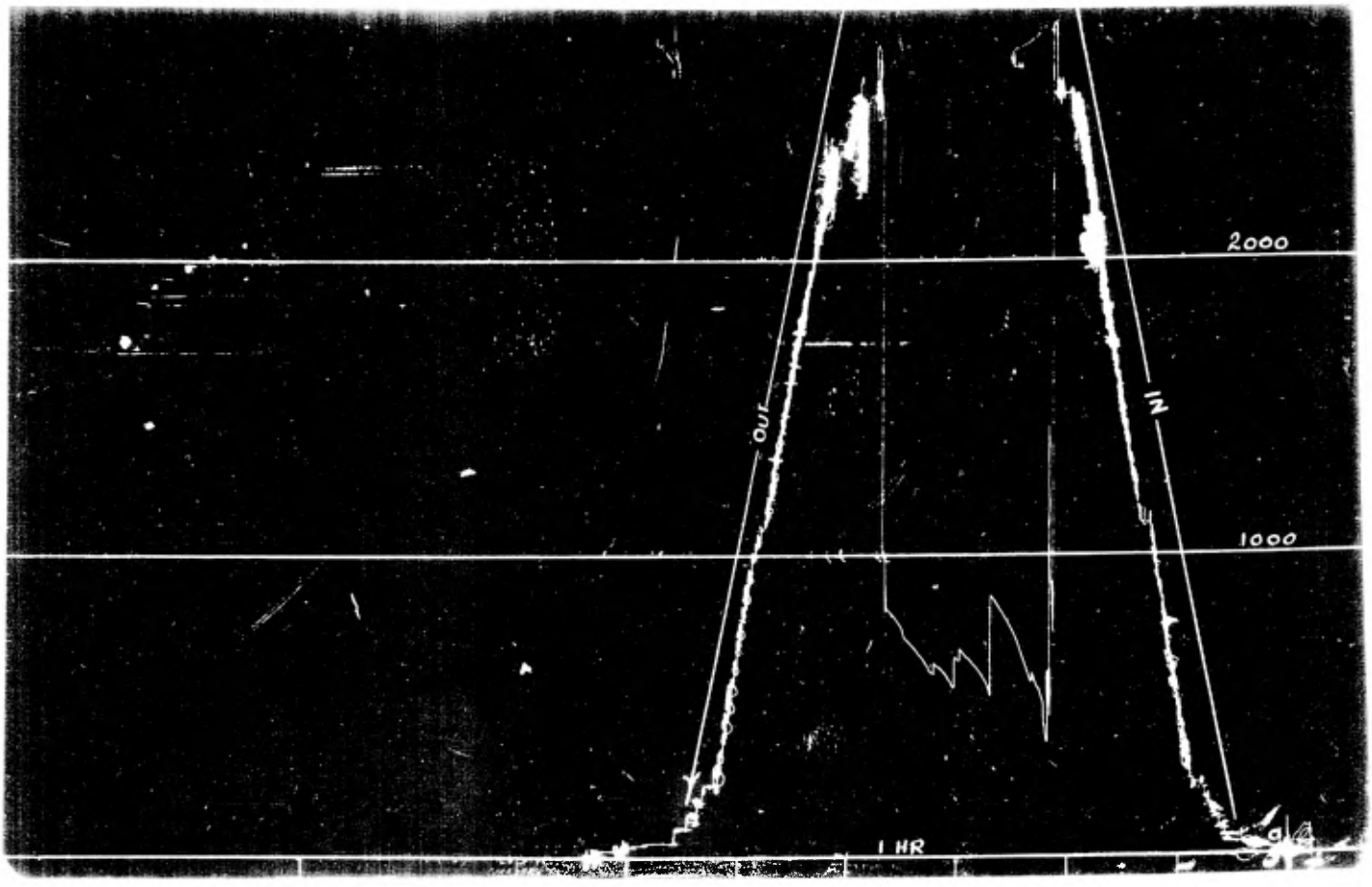
2000
OUT
IN
1000
1 HR

OIL FIELD SERVICES

BJ SERVICE OF CANADA LTD. **TESTING REPORT**

BW

DRILL-STEM TEST DATA

Well Name Laduboro CIG Nicolet	Test No. Four
Well Number 1	Zone Tested Potsdam
Company Laduboro Oil Company	Date Aug 12, 1963
Comp Rep T. Woodman & T. Link	Tester M. Moscrip

Recorder No	1232	Clock Range	12 hr
Depth	4116		
Initial Hydro Mud Press.	2550		
Initial Shut-in Press	563		
Initial Flow Press	163		
Final Flow Press	119		
Final Shut-in Press	481		
Final Hydro Mud Press.	2550		
Temperature	114°F		
Mud Drop			
Mud Weight	12.1	Viscosity	40
Fluid Loss			
Interval Tested	4120 - 4164		
Net Pay Tested			
Top Packer Depth			
Bottom Packer Depth	4120		
Total Depth	4164		
Drill Pipe Size	3½" I.F.	Wt.	
Drill Collar I.D.	6 3/4"	Ft. Run	305
Anchor Size			

Recorder No	1251	Clock Range	12 hr
Depth	4164		
Initial Hydro Mud Press.			
Initial Shut-in Press			
Initial Flow Press			
Final Flow Press			
Final Shut-in Press			
Final Hydro Mud Press.			
Tool Open Before I.S.I.	7		Mins.
Initial Shut-in	30		Mins.
Flow Period	30		Mins.
Final Shut-in	30		Mins.
Surface Choke Size	3/4" Adjustable		
Bottom Choke Size	½"		
Main Hole Size	8 3/4"		
Rat Hole Size			
Feet Of Rat Hole			
Type of Test	7½" x 7½"		
Cushion Amount—Type			
Rubber Size			

Recovery—Total Feet 155

Recovered 155 Feet Of Gas cut water cut drilling mud

Recovered Feet Of

Recovered Feet Of

Recovered Feet Of

Remarks

GIB shut in after seven mins., open tool WAB dying in 5 mins., remaining throughout test.

Jm 1959

BJ SERVICE OF CANADA LTD. · · · CALGARY, ALBERTA

A125

WORKOVER PROGRAM

Laduboro C.I.G. Nicolet No.1 Well

Assumptions - Analysis of the Production Test carried out by Mr. T.Peart of Canadian Industrial Gas Limited indicates that a bottom hole pump can recover sufficient formation water from the tubing to enable commercial quantities of gas to be produced from the casing to supply local markets. The workover program on this well should be carried out after working over Laduboro et al La Baie No. 5 well.

Workover Program

1. Install sufficient water storage on location to enable the 11 lbs. per gallon calcium chloride water to be transferred from the La Baie No. 5 Well for use on the Nicolet No. 1 Well.
2. Install a Series 600 Blowout Preventor capable of shutting in the well with 2" EUE tubing in or out of the hole. Add a rubber stripper and a tubing stabbing valve handy at all times when running or pulling tubing.
3. Make up a suitable sized bit to a drill collar and tubing and measure tubing in the hole to the top of the cement plug at 4000 feet. Reverse circulate the hole with the 11 lbs. per gallon calcium chloride water, holding a back pressure on the tubing and circulate the hole until clean and filled with the 11 lbs. per gallon calcium chloride water.
4. Time drill out the cement in the casing and run the tubing carefully to total depth, breaking circulation frequently with the calcium chloride water.

5. Run the tubing and bits to total depth at 4160 feet and circulate the well clean.
6. Pull the tubing and break out the bit and drill collar and install a gas anchor and pump seating nipple. Run the tubing to the required depth.
7. Break out the blowout preventor and install a production head.
8. Fit a Series 600 Blowout Preventor capable of shutting in the well with rods in or out of the hole. Run the bottom hole pump and rods, seat the pump and install the pump jack.
9. Pump fluid from the well and flow gas from the casing.
10. Carry out production tests at different pumping rates and at different tubing pressures to determine the gas deliverability of the well.

- COPIE -

26-11-63

COPIE

CANADIAN INDUSTRIAL GAS LIMITED

640 - 7th Avenue S.W.

Calgary, Alberta

copie

November 26th, 1963

Mr. T.G. Woodman,
General Delivery,
Nicolet, Quebec

Dear Terry: Re: Laduboro C.I.G. Nicolet No. 1

The following program should be carried out on the above-named well in order to recover the 2-3/8" EUE tubing:

1. Recondition sufficient mud from the suction and settling pits, by gunning and adding water, to fill the well.
2. Bleed off the pressure from the tubing and pump the mud to the casing while holding a back pressure on the tubing.
3. Break out the wellhead and install blowout preventors.
4. With the tubing set in the correct position, spot the cement plug to cover the perforated interval with the top of the cement plug approximately 100 feet above the top perforation. Use ready mix cement and the rig pump for cementing.
5. Pull the tubing back 10 feet, reverse circulate out excess cement and pull the tubing. The tubing should be thoroughly washed with fresh water to remove any trace of salt and thoroughly inspected for corrosion damage.
6. Break out the blowout preventors and install the wellhead.
7. Chain and padlock the wellhead.
8. The tubing should be moved to the Yamaska No. 1 location for possible use in that well.

Yours very truly,

CANADIAN INDUSTRIAL GAS LIMI

Nell V. Story,
Vice-President

NVS:h
c.c. Laduboro, Parnoll

44,444-77-3B

Nº 6305

DAILY DRILLING REPORT | REPORT NO. | DATE

Laduboro Oil Ltd	LEASE: Laduboro Oil Ltd: Nicolet	WELL NO. #1	FIELD OR DIST. Nicolet	COUNTY Nicolet	STATE Quebec

CONTRACTOR: NORTH AMERICAN DRILLING COMPANY

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [illegible signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

RIG NO. | DRILL PIPE STRING NO. SIZE | TOOL JOINT O.D. | TYPE THD.

PUMPS: NO. | MANUFACTURER | TYPE | STROKE LENGTH (1., 2., 3.)

LAST CASING TUBING OR LINER: SIZE | MAKE | WT. & GR. | NO. JOINTS | FEET | BKB. TO CSG. HD. | SET AT | REMARKS

DAY TOUR

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	4:00	8	Running Pressure Tests:

DRILLER: [illegible signature]

DRILLING CREW PAYROLL DATA

DATE: Aug-21-63 Nº 6305

WELL NAME & NO: Laduboro Oil Ltd Nicolet #1

COMPANY: Laduboro Oil Ltd.

TOOL PUSHER: RIG NO. #4

MORNING TOUR ______ P.M. ______ A.M.

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		[illegible]	8
DRKMAN		[illegible]	8
MTRMAN			
FIREMAN			
FLRMAN			
FLRMAN			
FLRMAN			

Ministère de l'Énergie et des Ressources
Gouvernement du Québec
Documentation Technique.
DATE:
No. G.M.: 1959

NO. OF DAYS ______ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR ______ P.M. ______ P.M.

NO. OF DAYS ______ SINCE LAST LOST TIME ACCIDENT

AVIS
La qualité technique inférieure du microfilm est inhérente au document fourni au Service de la Géoinformation et ne peut être rectifiée
Signature [illegible] 23-12-05 date

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APPROVED APPROVED

Nº 6304

DAILY DRILLING REPORT

REPORT NO. 56 DATE Au 20-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Ladubord Oil Ltd	Ladubord Oil Ltd Nicolet	#1	Inlet	Nicolet	Quebec

CONTRACTOR: NORTH AMERICAN DRILLING COMPANY

RIG NO. | DRILL PIPE STRING NO. SIZE | TOOL JOINT O.D. TYPE THD.

PUMPS NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.			
2.			
3.			

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	KB. TO CSG. HD.	SET AT	REMARKS

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

TIME DISTRIBUTION-HOURS

	MORN	DAY	EVE
RIG 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. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS			

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK
HRS. W/DP
HRS. WO/DP
HRS. STANDBY

TOTAL DAY WORK

WIRE LINE RECORD

REEL NO.
NO. OF LINES SIZE
FEET SLIPPED
FEET CUT OFF
PRESENT LENGTH
TON MI. OR TRIPS SINCE LAST CUT
CUMULATIVE TON MI. OR TRIPS
NO. OF DAYS FROM SPUD
CUMULATIVE ROTATING HRS.

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR: STANDS D.P. FT. | SINGLES D.P. FT. | D.C. I.D. O.D. FT. | D.C. I.D. O.D. FT. | STB. BODY O.D. FT. | STB. BODY O.D. FT. | RMR. BODY O.D. FT. | SUBS O.D. FT. | BIT OR C.B. FT. | KELLY DOWN FT. | TOTAL FT. | WT. OF STRING LBS.

BIT RECORD: BIT NO. | SIZE | MFG. | TYPE | NOZZLE NO. SIZE | SER. NO. | DEPTH OUT | DEPTH IN | TOTAL FTG. | TOTAL HR. RUN | COND. OF BIT | REAMER NO. | REAMER TYPE

MUD RECORD: TIME | WEIGHT | VISC.-SEC | W.L.-C.C. | FLTR. CK. | PH | SD. CONT. % | PRESSURE GRADIENT | MUD & CHEMICALS ADDED: TYPE AMT. TYPE AMT. | DRILLER

FOOTAGE FROM TO | DR.-D RM.-R CORE-C | CORE NO. | FORMATION (SHOW CORE RECOVERY) | ROTARY RPM | WT. ON BIT 1000# | PUMP PRESS | PUMP NO. LINER SIZE S.P.M. | PUMP NO. LINER SIZE S.P.M. | METHOD RUN SGL.-S PAR'EL-P COM'D-C

DEVIATION RECORD: DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION

TIME LOG FROM TO | ELAPSED TIME | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR: STANDS D.P. FT. | SINGLES D.P. FT. | D.C. I.D. O.D. FT. | D.C. I.D. O.D. FT. | STB. BODY O.D. FT. | STB. BODY O.D. FT. | RMR. BODY O.D. FT. | SUBS O.D. FT. | BIT OR C.B. FT. | KELLY DOWN FT. | TOTAL FT. | WT. OF STRING LBS.

BIT RECORD: BIT NO. | SIZE | MFG. | TYPE | NOZZLE NO. SIZE | SER. NO. | DEPTH OUT | DEPTH IN | TOTAL FTG. | TOTAL HR. RUN | COND. OF BIT | REAMER NO. | REAMER TYPE

MUD RECORD: TIME | WEIGHT | VISC.-SEC | W.L.-C.C. | FLTR. CK. | PH | SD. CONT. % | PRESSURE GRADIENT | MUD & CHEMICALS ADDED: TYPE AMT. TYPE AMT.

DRILLER: Ben Benson

FOOTAGE FROM TO | DR.-D RM.-R CORE-C | CORE NO. | FORMATION (SHOW CORE RECOVERY) | ROTARY RPM | WT. ON BIT 1000# | PUMP PRESS | PUMP NO. LINER SIZE S.P.M. | PUMP NO. LINER SIZE S.P.M. | METHOD RUN SGL.-S PAR'EL-P COM'D-C

DEVIATION RECORD: DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00			Acidizing: Cir out Mud:
	4:00	8	Showing Well dry:

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR: STANDS D.P. FT. | SINGLES D.P. FT. | D.C. I.D. O.D. FT. | D.C. I.D. O.D. FT. | STB. BODY O.D. FT. | STB. BODY O.D. FT. | RMR. BODY O.D. FT. | SUBS O.D. FT. | BIT OR C.B. FT. | KELLY DOWN FT. | TOTAL FT. | WT. OF STRING LBS.

BIT RECORD: BIT NO. | SIZE | MFG. | TYPE | NOZZLE NO. SIZE | SER. NO. | DEPTH OUT | DEPTH IN | TOTAL FTG. | TOTAL HR. RUN | COND. OF BIT | REAMER NO. | REAMER TYPE

MUD RECORD: TIME | WEIGHT | VISC.-SEC | W.L.-C.C. | FLTR. CK. | PH | SD. CONT. % | PRESSURE GRADIENT | MUD & CHEMICALS ADDED: TYPE AMT. TYPE AMT. | DRILLER

FOOTAGE FROM TO | DR.-D RM.-R CORE-C | CORE NO. | FORMATION (SHOW CORE RECOVERY) | ROTARY RPM | WT. ON BIT 1000# | PUMP PRESS | PUMP NO. LINER SIZE S.P.M. | PUMP NO. LINER SIZE S.P.M. | METHOD RUN SGL.-S PAR'EL-P COM'D-C

DEVIATION RECORD: DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION

TIME LOG FROM TO | ELAPSED TIME | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

DRILLING CREW PAYROLL DATA

DATE Aug-20-63 Nº 6304

WELL NAME & NO. Ladubord Oil - Nicolet #1

COMPANY Ladubord Oil Ltd

TOOL PUSHER ______ RIG NO. #4

MORNING TOUR ______ P.M. ______ A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER			
DRKMAN			
MTRMAN			
FIREMAN			
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		Ben Benson	8
DRKMAN		A. E. Thomas	8
MTRMAN			
FIREMAN			
FLRMAN			
FLRMAN		J. Quellet	12
FLRMAN		Travel Time:	

NO. OF DAYS ______ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR ______ P.M. ______ P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		H. De Graw	12
DRKMAN		R. Quellet	12
MTRMAN		J. Hubbard	12
FIREMAN			
FLRMAN			
FLRMAN		travle time	
FLRMAN		from Canada to	
		U S A	

NO. OF DAYS ______ SINCE LAST LOST TIME ACCIDENT

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Nº 6303

DAILY DRILLING REPORT

REPORT NO. 5

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Ladubore oil co	Ladubore oil co. Mioll	1		Mioll	Dube.

CONTRACTOR	RIG NO.	DRILL PIPE STRING NO.	SIZE	TOOL JOINT O.D.	TYPE THD.
NORTH AMERICAN DRILLING COMPANY	4				

PUMPS NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.			
2.			
3.			

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	KB. TO CSG. HD.	SET AT	REMARKS

SIGNATURE OF OPERATOR'S REPRESENTATIVE: Thos. W. Lil

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG 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. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS			

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			

WIRE LINE RECORD

REEL NO.	
NO. OF LINES / SIZE	
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR: STANDS D.P. FT.; SINGLES D.P. FT.; D.C. I.D. O.D. FT.; D.C. I.D. O.D. FT.; STB. BODY O.D. FT.; STB. BODY O.D. FT.; RMR. BODY O.D. FT.; SUBS O.D. FT.; BIT OR C.B. FT.; FT.; KELLY DOWN FT.; TOTAL FT.; WT. OF STRING LBS.

BIT RECORD: BIT NO.; SIZE; MFG.; TYPE; NOZZLE NO. SIZE; SER. NO.; DEPTH OUT; DEPTH IN; TOTAL FTG.; TOTAL HR. RUN; COND. OF BIT; REAMER NO.; REAMER TYPE

MUD RECORD: TIME; WEIGHT; VISC.—SEC; W.L.—C.C.; FLTR. CK.; PH; SD. CONT. %; PRESSURE GRADIENT; MUD & CHEMICALS ADDED (TYPE, AMT., TYPE, AMT.); DRILLER

FOOTAGE FROM / TO; DR.-D RM.-R CORE-C; CORE NO.; FORMATION (SHOW CORE RECOVERY); ROTARY RPM; WT. ON BIT 1000#; PUMP PRESS; PUMP NO. LINER SIZE S.P.M.; PUMP NO. LINER SIZE S.P.M.; METHOD RUN SGL.-S PAR'EL-P COM'D-C

DEVIATION RECORD: DEPTH, DEV., DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR / BIT RECORD / MUD RECORD / FOOTAGE / FORMATION (SHOW CORE RECOVERY) / DEVIATION RECORD (blank)

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	10:00	2 hr	Pressured up on tubling Release Press. living the Seal Layed down two Jts tubing - Ont Dup Jts. 71'21
10.00	4:00	6	Shut well at 2:00

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR / BIT RECORD / MUD RECORD / FOOTAGE / FORMATION (SHOW CORE RECOVERY) / DEVIATION RECORD (blank)

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	5:30	1½	Disregard line: Ran 71.21' Tubing: Nippled up W.H. Head: Cir. out Acid:
5:30	12:00	6½	Rig Repair: New Brake Shoes on Drw.

DRILLER: H. De Graw

DRILLING CREW PAYROLL DATA

Nº 6303

DATE Aug 19. 1963

WELL NAME & NO. Ladubore C.I.C. Mioll #1.

COMPANY Ladubore oil Co

TOOL PUSHER ______ RIG NO. 4

MORNING TOUR ______ P.M. ______ A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A Cleveland	12
DRKMAN			
MTRMAN		Wm. Siddall	12
FIREMAN			
FLRMAN		TRAVEL TIME.	
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		Ben Bevers	8
DRKMAN		L.F. Thomas	8
MTRMAN		J. Quellin	8
FIREMAN		J. Landry	8
FLRMAN			
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		H. De Graw	8
DRKMAN		R. Guillen	8
MTRMAN		J. Hubbard	8
FIREMAN		Roy Sommerville	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ______ SINCE LAST LOST TIME ACCIDENT

Nº 6302

DAILY DRILLING REPORT

REPORT NO. 54 DATE 8-18-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Laduboro Oil Co	Laduboro C I G Nicolet (1)			Nicolet	Quebec

CONTRACTOR	RIG NO.
~~NORTH AMERICAN DRILLING COMPANY~~ Union Rotary Drillers Can Ltd	4

SIGNATURE OF OPERATOR'S REPRESENTATIVE: Thos. W. [illegible]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG 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. SWABBING			
D. TESTING			
E. ADDITIONAL		8	
TOTALS		8	

MORNING TOUR

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	8.00	8	Cleaning Location
5.30	8.00		Help Hook up Halliburton To Acidize

DRILLER: A. Cleveland

DAY TOUR

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	4:00	8	Halliburton Acidizeing:

DRILLER: Ben Benson

EVENING TOUR

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
[illegible]	12.00	8	[illegible]

DRILLER: W. De Graw

DRILLING CREW PAYROLL DATA

DATE August 18-1963 Nº 6302

WELL NAME & NO. Laduboro C I G Nicolet (1)

COMPANY Laduboro Oil Co

TOOL PUSHER ______ RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A Cleveland	8
DRKMAN		Tom Sanders	12
MTRMAN		Wm H Siddall	8
FIREMAN		Welby Rhenault	8
FLRMAN			
FLRMAN			
FLRMAN		Travel Time	

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		Ben Benson	8
DRKMAN		L.E. Thomas	8
MTRMAN		J. Ouellet	8
FIREMAN		J. Landry	8
FLRMAN			
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		W. De Graw	8
DRKMAN		R. Quiller	8
MTRMAN		[illegible] Hubbard.	8
FIREMAN		Roy Sevigny [illegible]	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ______ SINCE LAST LOST TIME ACCIDENT

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Nº 6301

DAILY DRILLING REPORT REPORT NO. 53 DATE 8-17-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Ladubors Oil Co	Ladubors C I G Nicolet #1			Nicolet	Quebec

CONTRACTOR: ~~NORTH AMERICAN DRILLING COMPANY~~ Union Rotary Drillers Can. Ltd — RIG NO. 4

DRILL PIPE STRING: NO. / SIZE — TOOL JOINT O.D. — TYPE THD.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [illegible signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	150B	12
2.			
3.			

LAST CASING TUBING OR LINER: SIZE / MAKE / WT. & GR. / NO. JOINTS / FEET / RKB. TO CSG. HD. / SET AT / REMARKS

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG 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. SWABBING		8	
D. TESTING			
E. ADDITIONAL			
TOTALS		8	

TIME SUMMARY (OFFICE USE ONLY): DAY WORK / HRS. W/DP / HRS. WO/DP / HRS. STANDBY / TOTAL DAY WORK

WIRE LINE RECORD: REEL NO. / NO. OF LINES / SIZE / FEET SLIPPED / FEET CUT OFF / PRESENT LENGTH / TON MI. OR TRIPS SINCE LAST CUT / CUMULATIVE TON MI. OR TRIPS / NO. OF DAYS FROM SPUD / CUMULATIVE ROTATING HRS.

(Each tour: DRILLING ASSEMBLY AT END OF TOUR — STANDS D.P., SINGLES D.P., D.C., I.D., O.D., STB., BODY, SUBS, BIT OR C.B., KELLY DOWN, TOTAL, WT. OF STRING; BIT RECORD — BIT NO., SIZE, MFG., TYPE, NOZZLE, SER. NO., DEPTH OUT, DEPTH IN, TOTAL FTG., TOTAL HR. RUN, COND. OF BIT, REAMER NO., REAMER TYPE; MUD RECORD — TIME, WEIGHT, VISC.–SEC, W.L.–C.C., FLTR. CK., PH, SD. CONT. %, PRESSURE GRADIENT; MUD & CHEMICALS ADDED — TYPE, AMT.; FOOTAGE FROM / TO; DR-D, RM-R, CORE-C; CORE NO.; FORMATION (SHOW CORE RECOVERY); ROTARY RPM; WT. ON BIT 1000#; PUMP PRESS; PUMP NO. LINER SIZE / S.P.M.; METHOD RUN SOL.-S PAR'EL-P COM'D-C; DEVIATION RECORD — DEPTH / DEV. / DIRECTION)

MORNING TOUR

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	5.15	5 1/4	Cleaning up loc.
5.15	8.00	2 3/4	Swabbing To 2370' - Water

DRILLER: A Cleveland

DAY TOUR

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
			Grease & Check Rig:
8:00	1:30	5 1/2	Swabbed Hole From 2370' To 3500'
1:30	2:30	1	[illegible] Waiting To Check Fill up:
2:30	2:45	1/4	Ran Swab @ 3500' No Fill up Dry Run:
2:45	3:45	1	1 Hr. Waiting To Check Fill up:
3:45	4:00	1/4	Ran Swab @ 3500' No Fill Up: Dry Run:

DRILLER: Ben Benson

EVENING TOUR

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	8:00	4	Swabbing to 3500' very little Water
8:00	12:00	4	Repairing Boiler & Pumping water Cleaning loc.

DRILLER: H DeGroo

DRILLING CREW PAYROLL DATA

DATE August 17 1963 — Nº 6301

WELL NAME & NO. Ladubors C I G Nicolet #1

COMPANY Ladubors Oil Co

TOOL PUSHER — RIG NO. 4

MORNING TOUR 12.00 P.M. 8.00 A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm H Siddall	8
FIREMAN		Welly Rheault	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		Ben Benson	8
DRKMAN		A.K. Timmons	8
MTRMAN		J. Quellin	8
FIREMAN		J. Landry	8
FLRMAN			
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		H. DeGroo	8
DRKMAN		P. Quellen	8
MTRMAN		J. Hubbard	8
FIREMAN		Roy Sommerville	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

Nº 6300

DAILY DRILLING REPORT

REPORT NO. 52 DATE 8-16-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Laduboro Oil Co.	Laduboro C I G Nicolet #1			Nicolet	Quebec

CONTRACTOR: ~~NORTH AMERICAN DRILLING COMPANY~~ Union Rotary Drillers Co. Ltd

RIG NO. 4

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [illegible signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
COMPLETION WORK — B. TUBING TRIPS		6½	
COMPLETION WORK — E. ADDITIONAL		1½	
TOTALS		8	

MORNING TOUR

FOOTAGE FROM: 4164

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00			Nipple up B.O.P. Change Pipe Rams
	7:30	7½	Webbex logging.
7:30	8:00	½	Prepare to Run Tubing

DRILLER: A. Cleveland

DAY TOUR

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	2:30	6½	Picked up & Run 4160' Tubing;
2:30	4:00	1½	Taking off B.O.P's;

DRILLER: Ben Benson

EVENING TOUR

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	7:30	3½	take off Cameron Bop & Installed tubing head & nippling up to wash well
7:30	9:00	1½	Pumping water to wash in well
9:00	12:00	3	Rigging up swab Ready to swab & Cleaning up

DRILLER: H. De Grave

DRILLING CREW PAYROLL DATA

DATE August 16 - 1963 Nº 6300

WELL NAME & NO. Laduboro C I G Nicolet #1

COMPANY Laduboro Oil Co

TOOL PUSHER RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm H Siddall	8
FIREMAN		Webby Rheault	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		Ben Benson	8
DRKMAN		L.E. Thomas	8
MTRMAN		J. Quellin	8
FIREMAN		J. Landry	8
FLRMAN			
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		H. De Grave	8
DRKMAN		P. Quillen	8
MTRMAN		J. Hubbard	8
FIREMAN		Ray Sommerville	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

Nº 6299

DAILY DRILLING REPORT

REPORT NO. 51 DATE 8-15-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Laduboro Oil Co	Laduboro C.I.G. Nicolet #1			Nicolet	Quebec

CONTRACTOR	RIG NO.	DRILL PIPE STRING NO.	SIZE	TOOL JOINT O.D.	TYPE THD.
~~NORTH AMERICAN DRILLING COMPANY~~ Union Rotary Drillers Co. Ltd	4				

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	150B	12
2.			
3.			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9 5/8			7			236	

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG 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	8		
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8		

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK	
HRS. W/DP	
HRS. WO/DP	
HRS. STANDBY	
TOTAL DAY WORK	

WIRE LINE RECORD

REEL NO.	
NO. OF LINES / SIZE	
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR: STANDS D.P. FT.; SINGLES D.P. FT.; D.C. I.D. O.D. FT.; D.C. I.D. O.D. FT.; STB. BODY O.D. FT.; STB. BODY O.D. FT.; RMR. BODY O.D. FT.; SUBS O.D. FT.; BIT OR C.B. FT.; FT.; KELLY DOWN FT.; TOTAL FT.; WT. OF STRING LBS.

BIT RECORD: BIT NO.; SIZE; MFG.; TYPE; NOZZLE NO. / SIZE; SER. NO.; DEPTH OUT; DEPTH IN; TOTAL FTG.; TOTAL HR. RUN; COND. OF BIT; REAMER NO.; REAMER TYPE

MUD RECORD: TIME; WEIGHT; VISC.–SEC; W.L.–C.C.; FLTR. CK.; PH; SD. CONT. %; PRESSURE GRADIENT; MUD & CHEMICALS ADDED (TYPE / AMT. / TYPE / AMT.)

DRILLER: A. Cleveland

FOOTAGE FROM / TO; DR.-D RM.-R CORE.-C; CORE NO.; FORMATION (SHOW CORE RECOVERY); ROTARY RPM; WT. ON BIT 1000#; PUMP PRESS; PUMP NO. LINER SIZE / S.P.M.; PUMP NO. LINER SIZE / S.P.M.; METHOD RUN SGL.–S PAR'EL–P COM'D–C

DEVIATION RECORD: DEPTH / DEV. / DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
			W.O.C.
12:00			Remove Hydrill & Cameron B.O.P.s
	8:00	8	

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR / BIT RECORD / MUD RECORD / FOOTAGE / FORMATION / DEVIATION RECORD: (blank)

DRILLER: Ben Benson

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	4:00	8	W.O.C.
			Nippling up Well Head;
			Welex – Logging;

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR / BIT RECORD / MUD RECORD / DEVIATION RECORD: (blank)

FORMATION: W.O.C.

DRILLER: H. De Graw

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	12:00	8	Welex Logging
			Installed B.O.P.

DRILLING CREW PAYROLL DATA

Nº 6299

DATE August 15-1963

WELL NAME & NO. Laduboro C.I.G. Nicolet #1

COMPANY Laduboro Oil Co

TOOL PUSHER ______ RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A. Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm H. Siddall	8
FIREMAN		Welly Rheault	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		Ben Benson	8
DRKMAN		L. K. Thomas	8
MTRMAN		J. Guellen	8
FIREMAN		J. Landry	8
FLRMAN			
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		H. De Graw	8
DRKMAN		[illegible]	8
MTRMAN		[illegible]	8
FIREMAN		[illegible]	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ______ SINCE LAST LOST TIME ACCIDENT

№ 6298

DAILY DRILLING REPORT

REPORT NO. 50 DATE 8-14-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Ladubоro Oil Co	Ladubоro C.I.P. Nicolet #1			Nicolet	Quebec

CONTRACTOR: ~~NORTH AMERICAN DRILLING COMPANY~~ Union Rotary Drillers Can. Ltd. RIG NO. 4

SIGNATURE OF OPERATOR'S REPRESENTATIVE: Theo W. [illegible]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

PUMPS NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	850B	12
2.			
3.			

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
	9 5/8			7			234	

MORNING TOUR

Pump liner size: 5 1/2

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	8:00	8	Wait on Cement Truck.
			Circulate Hole. Check Mud wt Each hr.
			Moved Csg 4 ft @ 4:00 AM.

DRILLER: A Cleveland

DAY TOUR

MUD RECORD			
TIME	8:00	12:00	3:30
WEIGHT	11.6	11.6	11.6
VISC.-SEC	39	36	38

MUD & CHEMICALS ADDED: Gunk & Rock Pos.

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
			GREASE & CHECK RIG:
8:00			CIR: CASING: WAITING ON CEMENT TRUCK:
	4:00	8	MOVED CASING 3' @ 8:00 AM. 12:00 PM 2'.

DRILLER: Ben Benson

EVENING TOUR

MUD RECORD	
TIME	4:00
WEIGHT	11.4
VISC.-SEC	38

FOOTAGE FROM: 4164

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	8:00	4 hr	Pulling trucks out of mud Setting up Cement truck unloading Cement
8:00	10:00	2 hr	Dumping Cement 400 sks Reg + Pumping Plug down Plug down @ 10:00
10:00	12:00		Cleaning up + getting ready to take off B.O.P.

DRILLER: H. De Graw

DRILLING CREW PAYROLL DATA

DATE August 14-1963 № 6298

WELL NAME & NO. Ladubоro C.I.P. Nicolet #1

COMPANY Ladubоro Oil Co

TOOL PUSHER ____ RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm H. Siddall	8
FIREMAN		Webley Reinhalt	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		Ben Benson	8
DRKMAN		[illegible]	8
MTRMAN		J. Guellen	8
FIREMAN		J. Landry	8
FLRMAN			
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		H. De Graw	8
DRKMAN		R. Guellen	8
MTRMAN		J. Willard	8
FIREMAN		Roy Summerville	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

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A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

APPROVED APPROVED

Nº 6297

DAILY DRILLING REPORT

REPORT NO. 49 DATE 8-13-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Ladubore Oil Co	Ladubore C.I.G. Nicolet #1			Nicolet	Quebec

CONTRACTOR: ~~NORTH AMERICAN DRILLING COMPANY~~ Union Rotary Drillers Co. Ltd RIG NO. 4

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

DRILL PIPE STRING — NO. — SIZE; TOOL JOINT — O.D. — TYPE THD.

PUMPS NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	150 B	12
2.			
3.			

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
	9 5/8			7			234	

TIME DISTRIBUTION — HOURS

	MORN	DAY	EVE
RIG 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. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS			

TIME SUMMARY (OFFICE USE ONLY): DAY WORK; HRS. W/DP; HRS. WO/DP; HRS. STANDBY; TOTAL DAY WORK

WIRE LINE RECORD: REEL NO.; NO. OF LINES — SIZE; FEET SLIPPED; FEET CUT OFF; PRESENT LENGTH; TON MI. OR TRIPS SINCE LAST CUT; CUMULATIVE TON MI. OR TRIPS; NO. OF DAYS FROM SPUD; CUMULATIVE ROTATING HRS.

MORNING TOUR

DRILLING ASSEMBLY (AT END OF TOUR): STANDS D.P.; SINGLES D.P.; D.C. I.D. O.D.; D.C. I.D. O.D.; STB. BODY O.D.; STB. BODY O.D.; RMR. BODY O.D.; SUBS O.D.; BIT OR C.B.; KELLY DOWN; TOTAL; WT. OF STRING

BIT RECORD: BIT NO.; SIZE; MFG.; TYPE; NOZZLE NO. SIZE; SER. NO.; DEPTH OUT; DEPTH IN; TOTAL FTG.; TOTAL HR. RUN; COND. OF BIT; REAMER NO.; REAMER TYPE

MUD RECORD: TIME; WEIGHT; VISC.–SEC; W.L.–C.C.; FLTR. CK.; PH; SD. CONT. %; PRESSURE GRADIENT; MUD & CHEMICALS ADDED (TYPE, AMT., TYPE, AMT.); DRILLER

FOOTAGE FROM: 4164

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	1:15	1 1/4	Break down D.S.T. Tools.
1:15	3:30	2 1/4	Run in hole. STRap. Drill Pipe.
3:30	8:00	4 1/2	Circulate + Cond. Tren Mud
			Drill pipe STRap. 4163.12
			Tally Board 4164.–

DAY TOUR

MUD RECORD: TIME 8:00; WEIGHT 11.8

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	9:00	1	Getting Ready To Lay Down Drill pipe:
9:00	12:00	3	Lay Drill Pipe & Core Bbl.
12:00	2:00	2	Getting Ready To Run Casing:
2:00	4:00	2	Running Casing:
			Ex: Help Running Casing:

DRILLER: Ben Bowen

EVENING TOUR

FOOTAGE FROM: 4164

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	9:30	5 1/2	Running 4 1/2 casing
9:30	10.45	1 1/4	Re Rigging + nippling up
10.45	12:00	1 1/4	Cir hole

DRILLER: H DeGraw

DRILLING CREW PAYROLL DATA

DATE August 13 - 1963 Nº 6297

WELL NAME & NO. Ladubore C.I.G. Nicolet #1

COMPANY Ladubore Oil Co

TOOL PUSHER RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A Cleveland	16
DRKMAN		Tom Sanders	16
MTRMAN		Wm H Siddall	16
FIREMAN		Welly Rheault	12
FLRMAN			
FLRMAN			
FLRMAN		EXTRA Help To Lay Down Drill pipe & Collars - Start To Run Csg.	

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		Ben Bowen	16
DRKMAN		L.K. Thomas	16
MTRMAN		J. Quellin	16
FIREMAN		J. Landry	16
FLRMAN			
FLRMAN		Ex: Help Running Casing:	
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		H DeGraw	12
DRKMAN		P Quellen	12
MTRMAN		J. Hubbard	12
FIREMAN		Roy Lemerville	8
FLRMAN			
FLRMAN			
FLRMAN			
		Extra Hrs Cleaning Old Loc.	

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

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A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

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Nº 6296

DAILY DRILLING REPORT

REPORT NO. 48 DATE 8-12-63

OPERATOR: Ladubors Oil co

LEASE: Ladubors C I G Nicolet #1

WELL NO. | FIELD OR DIST. | COUNTY: Nicolet | STATE: Quebec

CONTRACTOR: NORTH AMERICAN DRILLING COMPANY / Union Rotary Drillers Co. Ltd. — RIG NO. 4

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [illegible signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

PUMPS NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	1500	12
2.			
3.			

TIME DISTRIBUTION—HOURS	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING	1½		
TRIPS	4¾		
LUBRICATE RIG	¼		
DEVIATION SURVEY			
TEST B.O.P.	½		
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST		8	
OTHER		1¾	
FISHING			
A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS		8	8

TIME SUMMARY (OFFICE USE ONLY): DAY WORK / HRS. W/DP / HRS. WO/DP / HRS. STANDBY / TOTAL DAY WORK

WIRE LINE RECORD: REEL NO. / NO. OF LINES / SIZE / FEET SLIPPED / FEET CUT OFF / PRESENT LENGTH / TON MI. OR TRIPS SINCE LAST CUT / CUMULATIVE TON MI. OR TRIPS / NO. OF DAYS FROM SPUD / CUMULATIVE ROTATING HRS.

MORNING TOUR

FOOTAGE FROM: 4164 TO: —

DRILLER: A Cleveland

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	1.15	1¼	Picking & Making up Test Tool.
1.15	3.15	2	Run in Hole w/ D.S.T. # 3
3.15	4:00	¾	Wait For Day light.
4.00	6.30	2½	Testing.
6.30	8.00	1½	Pulling D.S.T.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR: STANDS D.P. 42; SINGLES D.P. 1; D.C. 12, O.D. 306 FT.; Wiper 2; TOTAL 4164 FT.; WT. OF STRING 63,000 LBS.

BIT RECORD: BIT NO. #16; SIZE 8¾; MFG. Re Run

MUD RECORD: TIME 8:00 / 3:30; WEIGHT 12.2 / 12.1; VISC.—SEC 40 / 40

MUD & CHEMICALS ADDED: 10 Baroid

FORMATION: #16:

FOOTAGE FROM: 4164 TO: —

DRILLER: Ben Benson

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS — Kelly Keep O.H.
8:00	9:00	1	Finished Pulling D.S.T:
9:00	10:45	1¾	Layed Down Test Tool:
10:45	11:15	½	Grease & Check Rig: Close & Open B.O.P. & Valves
11:15	2:00	2¾	Trip in @ 4164 to Condition Hole:
2:00	3:30	1½	Cir: out Conditioning Hole:
3:30	4:00	½	Started out of Hole to D.S.T:

EVENING TOUR

DRILLER: H De Graw

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	8:20	4 20	trip for DST #4
8.20	10:00	1 40	testing
10:00	12:00	2 hr	Pulling test tool

DRILLING CREW PAYROLL DATA

Nº 6296

DATE: August 12 1963

WELL NAME & NO.: Ladubors C I G Nicolet #1

COMPANY: Ladubors Oil Co

TOOL PUSHER: ______ RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm H Siddall	8
FIREMAN		Welly Rheault	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		Ben Benson	8
DRKMAN		Luke Thomas	8
MTRMAN		J. Ouellet	8
FIREMAN		J. Landry	8
FLRMAN			
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		H. De Graw	8
DRKMAN		P. Quellen	8
MTRMAN		J. Hubbard	8
FIREMAN		P. Sennerville	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

№ 6295

DAILY DRILLING REPORT

REPORT NO. 47 DATE 8-11-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Ladubors Oil Co	Ladubors C.D.G. Nicolet #1			Nicolet	Quebec

CONTRACTOR	RIG NO.	DRILL PIPE STRING NO.	SIZE	TOOL JOINT O.D.	TYPE THD.
~~NORTH AMERICAN DRILLING COMPANY~~ Union Rotary Drillers Co. Ltd.	4				

SIGNATURE OF OPERATOR'S REPRESENTATIVE: Theo. W. Fink

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

PUMPS NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	1503	12
2.			
3.			

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
	9⅝			7			236	

TIME DISTRIBUTION—HOURS	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS		2	
LUBRICATE RIG		✓	
DEVIATION SURVEY			
TEST B.O.P.		✓	
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING	8	6	
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	

TIME SUMMARY (OFFICE USE ONLY): DAY WORK; HRS. W/DP; HRS. WO/DP; HRS. STANDBY; TOTAL DAY WORK

WIRE LINE RECORD: REEL NO.; NO. OF LINES; SIZE; FEET SLIPPED; FEET CUT OFF; PRESENT LENGTH; TON MI. OR TRIPS SINCE LAST CUT; CUMULATIVE TON MI. OR TRIPS; NO. OF DAYS FROM SPUD; CUMULATIVE ROTATING HRS.

MORNING TOUR

FOOTAGE FROM: 4164 —

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	8:00	8	Logging By Wallex
			Circulate & Paddle Mud Pits

DRILLER: A Cleveland

DAY TOUR

DRILLING ASSEMBLY: STANDS D.P. 42; SINGLES D.P. 1; D.C. 12 6¾ — 305'; KELLY DOWN 29; TOTAL 4164; WT. OF STRING 75,000

MUD & CHEMICALS ADDED: Clear Pits

FOOTAGE FROM: 4164 —

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
			Changed oil & Filters light plant
8:00	2:00	6	Wallex: Logging
2:00	4:00	2	Trip in @ 4164 to Condition Hole:
			Nipple & open BOP's all O.K. Kelly Sep O.K.

DRILLER: Ben Benson

EVENING TOUR

DRILLING ASSEMBLY: STANDS D.P. 43; SINGLES D.P. 1; D.C. 6¾ — 305 FT.; WT. OF STRING 68,000

MUD RECORD			
TIME	4:30	5:00	6:00
WEIGHT	11.8	12	12
VISC.—SEC	39	39	
W.L.—C.C.	7:00	9:00	11:00
	11.9	11.9	11.8

MUD & CHEMICALS ADDED: [illegible] 4

FOOTAGE FROM: 4164

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	9:00	5	Cir. Cond. mud & Hole get Ready for D.S.T.
9:00	11:00	2	½ trip out of Hole for D.S.T. #3
11:00	12:00	1	making up test tool

DRILLER: H. De Graw

DRILLING CREW PAYROLL DATA

DATE: August 11 - 1963 № 6295

WELL NAME & NO.: Ladubors C.D.G. Nicolet #1

COMPANY: Ladubors Oil Co

TOOL PUSHER: RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm H Siddall	8
FIREMAN		Wally Rheault	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		Ben Benson	8
DRKMAN		L.E. Thomas	8
MTRMAN		J. Quellin	8
FIREMAN		J. Landry	8
FLRMAN			
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		H. De Graw	8
DRKMAN		P. Ouellet	8
MTRMAN		J. Hubbard	8
FIREMAN		Roy Sommerville	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

№ 6294

DAILY DRILLING REPORT

REPORT NO. 46 DATE 8-10-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Ladubors Oil co	Ladubors C.I.G. Nicolet #1			Nicolet	Quebec

CONTRACTOR	RIG NO.	DRILL PIPE STRING NO.	SIZE	TOOL JOINT O.D.	TYPE THD.
~~NORTH AMERICAN DRILLING COMPANY~~ Union Rotary Drillers Can. Ltd.	4				

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	150B	12
2.			
3.			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9⅝			7			226	

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	8	5¾	
REAMING			
CONDITIONING MUD & CIRCULATING		1½	
TRIPS		½	2
LUBRICATE RIG		¼	✓
DEVIATION SURVEY			½
TEST B.O.P.		¼	
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			5½
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			½
FISHING			
COMPLETION WORK A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			

WIRE LINE RECORD

REEL NO.	
NO. OF LINES / SIZE	
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM		
	STANDS D.P.	3820	FT.
	SINGLES D.P.		FT.
12	D.C. 6¼ I.D. O.D.	305	FT.
	D.C. I.D. O.D.		FT.
	STB. BODY O.D.		FT.
	STB. BODY O.D.		FT.
	RMR. BODY O.D.		FT.
	SUBS O.D.		FT.
	BIT OR C.B.		FT.
	KELLY DOWN	25	FT.
	TOTAL	4150	FT.
	WT. OF STRING	78,000	LBS.

BIT RECORD

BIT NO.	16
SIZE	8¾
MFG.	HTC.
TYPE	RO13
NOZZLE NO. / SIZE	
SER. NO.	27931
DEPTH OUT	
DEPTH IN	4117
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	1:30	6.30	9 30
WEIGHT	11-3	11-5	11-5
VISC.-SEC	38	37	
W.L.-C.C.	98	98	
FLTR. CK.			
PH			
SALT CONT. %	165000	181500	
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED: Magcobar – 90; Salt 15 Sks

DRILLER: A Cleveland

FOOTAGE / FORMATION

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
4138	4150	D		Sand	45	30	450	5½	65			

DEVIATION RECORD: DEPTH | DEV. | DIRECTION — (none)

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	8 00	8	Drlg - Mix Mud.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM		
42	STANDS D.P.		FT.
1	SINGLES D.P.		FT.
12	D.C. 6¼ I.D. O.D.	305 –	FT.
	D.C. I.D. O.D.		FT.
	STB. BODY O.D.		FT.
	STB. BODY O.D.		FT.
	RMR. BODY O.D.		FT.
	SUBS O.D.		FT.
	BIT OR C.B.		FT.
	KELLY DOWN	39	FT.
	TOTAL	464	FT.
	WT. OF STRING	78,000	LBS.

BIT RECORD

BIT NO.	#16
SIZE	8¾
MFG.	HTC.
TYPE	R013
NOZZLE NO. / SIZE	
SER. NO.	2793
DEPTH OUT	
DEPTH IN	4117
TOTAL FTG.	
TOTAL HR. RUN	27¾
COND. OF BIT	Pulled out
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	8:00	12:00	3:30
WEIGHT	11.6	11.9	
VISC.-SEC	38	39	
W.L.-C.C.	55cc		
FLTR. CK.	3/32		
PH			
SD. CONT. %	Salt 185,000 PPM		
PRESSURE GRADIENT			

Stirred pits

MUD & CHEMICALS ADDED: Myrlegel – 5; Caustic – 5; Magcobar – 38

DRILLER: Ben Benson

FOOTAGE / FORMATION (Bit #16)

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
4150	4164	D		Sand	46	30	550	5½	65			S.

DEVIATION RECORD: DEPTH | DEV. | DIRECTION — (none)

DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS: Greased Crown – Blocks;

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼	Grease & Check Rig: Close & open B.O.P. & Kelly Stop OK.
8:15	2:00	5¾	Drilling & Conditioning Mud:
2:00	3:30	1½	Cir: out:
3:30	4:00	½	Started out of hole: Slope Test:

Changed Oil & Filters Pump Motors: Oil Draw Works Motors

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM		
45	STANDS D.P.	3789	FT.
1	SINGLES D.P.	30	FT.
12	D.C. 6¼ I.D. O.D.	305'	FT.
	D.C. I.D. O.D.		FT.
	STB. BODY O.D.		FT.
	STB. BODY O.D.		FT.
	RMR. BODY O.D.		FT.
	SUBS O.D.		FT.
	BIT OR C.B.		FT.
	KELLY DOWN	39	FT.
	TOTAL	4164	FT.
	WT. OF STRING		LBS.

BIT RECORD

BIT NO.	16
SIZE	8¾
MFG.	HTC
TYPE	RG13
NOZZLE NO. / SIZE	
SER. NO.	27931
DEPTH OUT	4164
DEPTH IN	4117
TOTAL FTG.	57
TOTAL HR. RUN	36
COND. OF BIT	Avg
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME			
WEIGHT			
VISC.-SEC			
W.L.-C.C.			
FLTR. CK.			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED:

DRILLER: H. De Graw

FOOTAGE / FORMATION

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
4164												

DEVIATION RECORD DEPTH	DEV.	DIRECTION
4100	6¾	

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:30	½	Rig + Slope test
4:30	6:30	2	Pulling out to Log + Strap Pipe 4164-12
			Pipe tally 4164 –
6:30	12:00	5½	Welex Logging
			Cir mud while logging

DRILLING CREW PAYROLL DATA

№ 6294

DATE August 10 1963

WELL NAME & NO. Ladubors C.I.G. Nicolet #1

COMPANY Ladubors Oil co

TOOL PUSHER ____ RIG NO. 4

MORNING TOUR 12.00 P.M. 8.00 A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A Cleveland	12
DRKMAN		Tom Sanders	
MTRMAN		Wm H Siddall	12
FIREMAN		Willy Rheault	8
FLRMAN			
FLRMAN			
FLRMAN		Extra Help Hauling Mud from Warehouse	

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		Ben Benson	8
DRKMAN		L.E. Thomas	12
MTRMAN		J. Ouellet	8
FIREMAN		J. Landry	8
FLRMAN			8
FLRMAN		Ex Time Hauling Mud From Warehouse	
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		H. De Graw	8
DRKMAN		P. Ouellet	8
MTRMAN		Wally Rheault	8
FIREMAN		Roy Sennerville	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

№ 6293

DAILY DRILLING REPORT

REPORT NO. 45 DATE 8-9-63

OPERATOR: Ladubovo Oil Co

LEASE: Ladubovo (I.G.) Nicolet # 1

WELL NO. | FIELD OR DIST. | COUNTY: Nicolet | STATE: Quebec

CONTRACTOR: NORTH AMERICAN DRILLING COMPANY — Union Rotary Drillers Can. Ltd. | RIG NO. 4

DRILL PIPE STRING: NO. | SIZE | TOOL JOINT O.D. | TYPE THD.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: Thos. W. Fick

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

PUMPS NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	150	13
2.			
3.			

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
	9⅝			7			236	

TIME DISTRIBUTION-HOURS	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL		6¾	7½
REAMING	3	¾	
CONDITIONING MUD & CIRCULATING	5	½	50
TRIPS			
LUBRICATE RIG		¼	
DEVIATION SURVEY			
TEST B.O.P.		¼	
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. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			

WIRE LINE RECORD	
REEL NO.	
NO. OF LINES	8 SIZE 1"
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR	NO.		
STANDS D.P.		3792	FT.
SINGLES D.P.			FT.
D.C. 6¾ I.D. O.D.	12	305	FT.
D.C. I.D. O.D.			FT.
STB. BODY O.D.			FT.
STB. BODY O.D.			FT.
RMR. BODY O.D.			FT.
SUBS O.D.			FT.
BIT OR C.B.		9	FT.
			FT.
KELLY DOWN			FT.
TOTAL			FT.
WT. OF STRING			LBS.

BIT RECORD	
BIT NO.	16
SIZE	8¾
MFG.	HTC
TYPE	RG13
NOZZLE NO. / SIZE	
SER. NO.	27931
DEPTH OUT	
DEPTH IN	4117
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD		
TIME	6.00	7.30
WEIGHT	10-6	11-1
VISC.-SEC		38
W.L.-C.C.		
FLTR. CK.		
PH		
SD. CONT. %		
PRESSURE GRADIENT		

MUD & CHEMICALS ADDED: Magco Bar 280 Sks

DRILLER: A Cleveland

FOOTAGE FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
4117	—											
4114	4116			Reaming Core Hole								

DEVIATION RECORD: DEPTH | DEV. | DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	5.00	5	Conditioning Mud - Mix 210 Sks Magco Bar.
5.00	8.00	3	Reaming + Mix Mud

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR	NO.		
STANDS D.P.		3820	FT.
SINGLES D.P.			FT.
D.C. 6¾ I.D. O.D.	12	305	FT.
D.C. I.D. O.D.			FT.
STB. BODY O.D.			FT.
STB. BODY O.D.			FT.
RMR. BODY O.D.			FT.
SUBS O.D.			FT.
BIT OR C.B.			FT.
			FT.
KELLY DOWN			FT.
TOTAL		4128	FT.
WT. OF STRING		78,000	LBS.

BIT RECORD	
BIT NO.	#16
SIZE	8¾
MFG.	H.T.C.
TYPE	RG13
NOZZLE NO. / SIZE	
SER. NO.	27931
DEPTH OUT	
DEPTH IN	4117
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	Reamed 7'
REAMER NO.	
REAMER TYPE	

MUD RECORD			
TIME	8:30	11:30	3:30
WEIGHT	10.7	11.3	11.4
VISC.-SEC	41	39	40
W.L.-C.C.		4.5	
FLTR. CK.		2/32	
PH			
SD. CONT. %	SALT 200,000 PPM		
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED: Magcobar - 27

DRILLER: Ben Benson

FOOTAGE FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY) BIT # 16	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
4116	4117	R		Ream 6⅛ to 8¾								
4117	4128	D		Sand & Chert:	45	30	400	5½	65			S

DEVIATION RECORD: DEPTH | DEV. | DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:45	¾	Reaming:
8:45	9:00	¼	Grease & Check Rig:
9:00	9:15	¼	Close & Open B.O.P. all O.K. Kelly Stop O.K.
9:15	9:45	½	Conditioning Mud & Cir:
9:45	4:00	6¼	Drilling & Conditioning Mud:

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR	NO.		
STANDS D.P.			FT.
SINGLES D.P.			FT.
D.C. 6¾ I.D. O.D.	12	305	FT.
D.C. I.D. O.D.			FT.
STB. BODY O.D.			FT.
STB. BODY O.D.			FT.
RMR. BODY O.D.			FT.
SUBS O.D.			FT.
BIT OR C.B.			FT.
			FT.
KELLY DOWN		13	FT.
TOTAL		4138	FT.
WT. OF STRING		78,000	LBS.

BIT RECORD	
BIT NO.	16
SIZE	8¾
MFG.	H.T.C.
TYPE	RG13
NOZZLE NO. / SIZE	
SER. NO.	27931
DEPTH OUT	
DEPTH IN	4117
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD			
TIME	6:00	9:00	10:00
WEIGHT	11.5+	11.4+	11.3
VISC.-SEC	39	38	
W.L.-C.C.	5.0	10:30 wt 11.3	
FLTR. CK.	2/32	11:00 wt 11.34	
PH		11:30 wt 11.4	
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED:

DRILLER: H. De Graw

FOOTAGE FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
4128	4138	D		SAND &	45	30	400	5½	65			

DEVIATION RECORD: DEPTH | DEV. | DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	8:30	4½	Drlg
8:30	9:00	½	Rig Conn & Pump
9:00	11:00	2	Drlg
11:00	11:20	20	Gum up Pits
11:20	12:00	40	Drlg

DRILLING CREW PAYROLL DATA

DATE: August 9 1963 № 6293

WELL NAME & NO.: Ladubovo (I.G.) Nicolet #1

COMPANY: Ladubovo Oil Co

TOOL PUSHER: RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm H Siddall	8
FIREMAN		Wehby Rheault	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		Ben Benson	8
DRKMAN		L.E. Thomas	8
MTRMAN		J. Quellin	8
FIREMAN		J. Hardy	8
FLRMAN			
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		H. De Graw	8
DRKMAN		R. Quillin	8
MTRMAN		J. Hubbard	8
FIREMAN		Roy Lemieux	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

Nº 6292

DAILY DRILLING REPORT

REPORT NO. 44 DATE 8-8-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Laduboro Oil Co	Laduboro C.D.G. Nicolet #1			Nicolet	Quebec

CONTRACTOR: NORTH AMERICAN DRILLING COMPANY — Lower Rotary Drillers Co. Ltd.
RIG NO. 4

SIGNATURE OF OPERATOR'S REPRESENTATIVE: Theo. W. Link (?)
SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

PUMPS NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	150B	12
2.			
3.			

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
	9 5/8			7			236	

TIME DISTRIBUTION — HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			2 3/4
CONDITIONING MUD & CIRCULATING	4 1/2		5 1/4
TRIPS	3 1/2		
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		8	
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY): DAY WORK / HRS. W/DP / HRS. WO/DP / HRS. STANDBY / TOTAL DAY WORK

WIRE LINE RECORD: REEL NO. / NO. OF LINES / SIZE / FEET SLIPPED / FEET CUT OFF / PRESENT LENGTH / TON MI. OR TRIPS SINCE LAST CUT / CUMULATIVE TON MI. OR TRIPS / NO. OF DAYS FROM SPUD / CUMULATIVE ROTATING HRS.

MORNING TOUR (12:00 P.M. – 8:00 A.M.)

Drilling assembly at end of tour: (blank)

BIT RECORD	
BIT NO.	16
SIZE	8 3/4
MFG.	HTC
TYPE	R.G.1J
SER. NO.	37931
DEPTH IN	4117

MUD RECORD		
WEIGHT	10.1	10.6
VISC.—SEC	46	40

DRILLER: A. Cleveland

FOOTAGE FROM: 4117

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	3:30	3 1/2	Trips IN Hole
3:30	8:00	4 1/2	Conditioning Mud. Mud Gas Cut - Well Trying To Kick

CREW	NAME	HRS.
DRILLER	A. Cleveland	8
DRKMAN	Tom Sanders	8
MTRMAN	Wm. J. Siddall	8
FIREMAN	Wibby Rheault	8

DAY TOUR (8:00 A.M. – 4:00 P.M.)

DRILLING ASSEMBLY AT END OF TOUR	
STANDS D.P.	3792 FT.
D.C. 12 — 6 3/4 O.D.	305 FT.
STB. / BUMPER	2'
KELLY DOWN	11 FT.
TOTAL	4110 FT.
WT. OF STRING	75,000 LBS.

BIT RECORD	
BIT NO.	#16
SIZE	8 3/4
MFG.	HTC
TYPE	RG1J
SER. NO.	37931
DEPTH IN	4117

MUD RECORD	
TIME	4:00
WEIGHT	10.8
VISC.—SEC	42

MUD & CHEMICALS ADDED: Salt: 31 — Adding Water

DRILLER: Ben Benson

FOOTAGE: 4110 – 8 3/4; 4117 – 6 1/4 (?)

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00			Circ out after Test #2 - Mud Gas Cut; Wt 8.4 to 10.7 Conditioning Mud; Close & Open B.O.P. all OK. Kelly stop - OK;
	4:00	8:00	Jet Suction pit out;

CREW	NAME	HRS.
DRILLER	Ben Benson	8
DRKMAN	L.E. Thomas	8
MTRMAN	J. Ouellet	8
FIREMAN	J. Landry	8

EVENING TOUR (4:00 P.M. – 12:00 P.M.)

DRILLING ASSEMBLY AT END OF TOUR	
D.C. 12 — 6 3/4 O.D.	305 FT.
Bumper	2'
WT. OF STRING	70,000 LBS.

BIT RECORD	
BIT NO.	16
SIZE	8 3/4
MFG.	HTC
TYPE	RG1J
SER. NO.	37931
DEPTH IN	4117

MUD RECORD		
TIME	7:00	10:00
WEIGHT	10.9	10.9
VISC.—SEC	39	39

MUD & CHEMICALS ADDED: Mica Gel 8 (?); Salt Gel 3 (?)

DRILLER: H. DeGraw

FOOTAGE FROM	TO	FORMATION	ROTARY RPM	WT. ON BIT	PUMP PRESS	LINER SIZE	S.P.M.
4117							
4109	4113	Reaming	70	3000	500	5 1/2	65

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	7:30	3 1/2	Jeting Pits + Cond. mud
7:30	8:30	1	Reaming
8:30	9:15	3/4	making mud to gain wt.
9:15	11:00	1 3/4	Reaming loss of drilling fluid 25 Bbls
11:00	12:00	1	making mud & working on pump

CREW	NAME	HRS.
DRILLER	H. DeGraw	8
DRKMAN	R. Ouellet	8
MTRMAN	J. Hubbard	8
FIREMAN	R. Sommerville	8

DRILLING CREW PAYROLL DATA

Nº 6292

DATE: August 8 - 1963
WELL NAME & NO.: Laduboro C.D.G. Nicolet #1
COMPANY: Laduboro Oil Co
TOOL PUSHER: RIG NO.

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

Nº 6291

DAILY DRILLING REPORT

REPORT NO. 43 DATE 8-7-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Ladubors Oil Co	Ladubors O. I. G. Nicolet #1			Nicolet	Quebec

CONTRACTOR	RIG NO.	DRILL PIPE STRING NO.	SIZE	TOOL JOINT O.D.	TYPE THD.
~~NORTH AMERICAN DRILLING COMPANY~~ Union Rotary Drillers Can Ltd	4				

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	150B	12
2.			
3.			

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
	9⅝			7			236	

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	1		
REAMING			
CONDITIONING MUD & CIRCULATING	7		
TRIPS		3¾	
LUBRICATE RIG		¼	
DEVIATION SURVEY			
TEST B.O.P.		¼	
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER		3¾	
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK

HRS. W/DP

HRS. WO/DP

HRS. STANDBY

TOTAL DAY WORK

WIRE LINE RECORD

REEL NO.

NO. OF LINES 8 SIZE /

FEET SLIPPED

FEET CUT OFF

PRESENT LENGTH

TON MI. OR TRIPS SINCE LAST CUT

CUMULATIVE TON MI. OR TRIPS

NO. OF DAYS FROM SPUD

CUMULATIVE ROTATING HRS.

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR: STANDS D.P. FT.; SINGLES D.P. FT.; D.C. I.D. O.D. FT.; D.C. I.D. O.D. FT.; STB. BODY O.D. FT.; STB. BODY O.D. FT.; RMR. BODY O.D. FT.; SUBS O.D. FT.; BIT OR C.B. FT.; FT.; KELLY DOWN FT.; TOTAL FT.; WT. OF STRING LBS.

BIT RECORD: BIT NO.; SIZE; MFG.; TYPE; NOZZLE NO. SIZE; SER. NO.; DEPTH OUT; DEPTH IN; TOTAL FTG.; TOTAL HR. RUN; COND. OF BIT; REAMER NO.; REAMER TYPE

MUD RECORD

TIME	1:00	7:00
WEIGHT	10-6	11-1
VISC.-SEC	60	54
W.L.-C.C.	32	
FLTR. CK.		
PH		
SD. CONT. %		
PRESSURE GRADIENT		

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Mag Co Bar		180 Sks	

DRILLER A Cleveland

FOOTAGE FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
4116	4117	C		Core #2								

DEVIATION RECORD: DEPTH / DEV. / DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	1:00	1	Core #2
1:00	8:00	7	Mixing Mud - Conditioning Mud

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR: STANDS D.P. FT.; SINGLES D.P. FT.; D.C. I.D. O.D. FT.; D.C. I.D. O.D. FT.; STB. BODY O.D. FT.; STB. BODY O.D. FT.; RMR. BODY O.D. FT.; SUBS O.D. FT.; BIT OR C.B. FT.; FT.; KELLY DOWN FT.; TOTAL FT.; WT. OF STRING LBS.

BIT RECORD: BIT NO.; SIZE; MFG.; TYPE; NOZZLE NO. SIZE; SER. NO.; DEPTH OUT; DEPTH IN; TOTAL FTG.; TOTAL HR. RUN; COND. OF BIT; REAMER NO.; REAMER TYPE

MUD RECORD

TIME	8:00
WEIGHT	11.
VISC.-SEC	55
W.L.-C.C.	
FLTR. CK.	
PH	
SD. CONT. %	
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT.

DRILLER Ben Benson

FOOTAGE FROM	TO	FORMATION (SHOW CORE RECOVERY)
4117		

DEVIATION RECORD: DEPTH / DEV. / DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼	Grease & Check Rig:
8:15	10:00	1¾	Pulled Core #2: Recovered 5' Hard Dense Sand
10:00	11:15	1¼	Down Core - Set Back C.B.L.B. w/ Fractures
11:15	11:30	¼	Check B.O.P. & All O.K. - Kelly Stop O.K.:
11:30	2:00	2½	Up D.S.T. Tools:
2:00	4:00	2	Trip in @ 4117 To D.S.T: #2: O.B. 4:00

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR: STANDS D.P. FT.; SINGLES D.P. FT.; D.C. I.D. O.D. FT.; D.C. I.D. O.D. FT.; STB. BODY O.D. FT.; STB. BODY O.D. FT.; RMR. BODY O.D. FT.; SUBS O.D. FT.; BIT OR C.B. FT.; FT.; KELLY DOWN FT.; TOTAL FT.; WT. OF STRING LBS.

BIT RECORD: BIT NO.; SIZE; MFG.; TYPE; NOZZLE NO. SIZE; SER. NO.; DEPTH OUT; DEPTH IN; TOTAL FTG.; TOTAL HR. RUN; COND. OF BIT; REAMER NO.; REAMER TYPE

MUD RECORD: TIME; WEIGHT; VISC.-SEC; W.L.-C.C.; FLTR. CK; PH; SD. CONT. %; PRESSURE GRADIENT

MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT.

DRILLER H. De Grace

FOOTAGE FROM	TO	FORMATION (SHOW CORE RECOVERY)
4117		

DEVIATION RECORD: DEPTH / DEV. / DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	8:30	[illegible]	D.S.T #2. [illegible] 1¼ [illegible]
8:30	12:00	[illegible]	[illegible] Recovered [illegible]

DRILLING CREW PAYROLL DATA

DATE August 7 1963 Nº 6291

WELL NAME & NO. Ladubors O.I.G. Nicolet #1

COMPANY Ladubors Oil Co

TOOL PUSHER RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A. Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm H. Siddall	8
FIREMAN		Joe Hubbard	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		Ben Benson	8
DRKMAN		L. E. Thomas	8
MTRMAN		J. Quellin	8
FIREMAN		J. Landry	8
FLRMAN			
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		H. De Grace	8
DRKMAN		P. Quellin	8
MTRMAN		J. Hubbard	8
FIREMAN		Tom Sanders	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

Nº 6290

DAILY DRILLING REPORT

REPORT NO. 42 DATE 8-6-63

Field	Entry
OPERATOR	Ladubors Oil Co
LEASE	Ladubors C I G Nicolet #1
WELL NO.	
FIELD OR DIST.	
COUNTY	Nicolet
STATE	Quebec
CONTRACTOR	NORTH AMERICAN DRILLING COMPANY / Union Rotary Drillers Co. Ltd.
RIG NO.	4
DRILL PIPE STRING (NO. / SIZE)	
TOOL JOINT (O.D. / TYPE THD.)	
SIGNATURE OF OPERATOR'S REPRESENTATIVE	[illegible signature]
SIGNATURE OF CONTRACTOR'S TOOL PUSHER	

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	150B	12
2.			
3.			

LAST CASING, TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	BKS. TO CSG. NO.	SET AT	REMARKS
9⅝			7			236	

TIME DISTRIBUTION — HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS	4½	2¾	
LUBRICATE RIG		¼	
DEVIATION SURVEY			
TEST B.O.P.		¼	
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING		3½	7⅔
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER	3½	1¼	4?
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK	
HRS. W/DP	
HRS. WO/DP	
HRS. STANDBY	
TOTAL DAY WORK	

WIRE LINE RECORD

REEL NO.	
NO. OF LINES	8 SIZE 1"
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
STANDS D.P.		BIT NO.	15	TIME	5:00
SINGLES D.P.		SIZE	8¾	WEIGHT	11-1
D.C. I.D. O.D.		MFG.	HTC.	VISC.—SEC.	40
D.C. I.D. O.D.		TYPE	WR	W.L.—C.C.	
STB. BODY O.D.		NOZZLE NO.	3	FLTR. CK.	
STB. BODY O.D.		NOZZLE SIZE	1/16	PH	
BODY O.D.		SER. NO.	8355	SD. CONT. %	
SUBS O.D.		DEPTH OUT	4110	PRESSURE GRADIENT	
BIT OR C.B.		DEPTH IN	4109		
		TOTAL FTG.	1		
KELLY DOWN		TOTAL HR. RUN			
TOTAL		COND. OF BIT			
WT. OF STRING		REAMER NO.			
		REAMER TYPE			

MUD & CHEMICALS ADDED: Magcobar 10 Sks

DRILLER: A Cleveland

FOOTAGE FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
4110	—											

DEVIATION RECORD: DEPTH / DEV. / DIRECTION —

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	1:15	1¼	Pulling out of Hole — Lay down Wiped Sub
1:15	2:00	¾	Put on Junk Basket
2:00	3:45	1¾	Run in w/ Junk Basket
3:45	6:00	2¼	Pick up Junk in Hole.
6:00	8:00	2	Pulling out of Hole

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		
42	STANDS D.P.	3766	BIT NO.	16	TIME	1:30	4:30
1	SINGLES D.P.	30	SIZE	6⅛ x 3½	WEIGHT	11.	11.
9	D.C. 6¾ I.D. O.D.	248 10	MFG.	Hycalog	VISC.—SEC.	41	42
	D.C. Core Bbl. I.D. O.D.	54.10	TYPE	PA 16 P	W.L.—C.C.		
1	STB. 5⅝ BODY O.D.	1.30	NOZZLE NO.	X	FLTR. CK.		
	STB. BODY O.D.		NOZZLE SIZE		PH	Mixing wt. mat	
	BODY O.D.		SER. NO.	4652	SD. CONT. %	@ 4:00	
	SUBS O.D.		DEPTH OUT		PRESSURE GRADIENT		
	BIT OR C.B.		DEPTH IN	4110			
			TOTAL FTG.				
	KELLY DOWN	14	TOTAL HR. RUN				
	TOTAL	4112	COND. OF BIT				
	WT. OF STRING	62,000	REAMER NO.				
			REAMER TYPE				

MUD & CHEMICALS ADDED: Mylobel 8

DRILLER: Ben Benson

FOOTAGE FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY) Bit # 16 CORE	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
4110	4112	C		Core #2	65	15-20	900	5½	52			

DEVIATION RECORD: DEPTH / DEV. / DIRECTION —

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼	Grease & Check Rig: (Charge Ladubors & Labor for unloading Baroid)
8:15	8:45	½	Finished Trip out:
8:45	9:00	¼	Close & Open B.O.P.s All OK. Kelly stop OK.
9:00	10:30	1½	Pick up Core B.L.B:
10:30	12:30	2	Trip in @ 4110'
12:30	4:00	3½	Coreing — Conditioning Mud:
			Ex-Time unloading 1 Barge for Ladubors,
			Nippled up out & up Valves @ end of D.S.T. Flow Line:

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			
42	STANDS D.P.	3765	BIT NO.	16	TIME	5:00	6:30	10:00
1	SINGLES D.P.	30	SIZE	6⅛ x 3½	WEIGHT	11-+	10.9	10.6+
9	D.C. 6¾ I.D. O.D.	248 10	MFG.	Hycalog	VISC.—SEC.	47	44	63
1	D.C. C-B I.D. O.D.	54.10	TYPE	PA 16 P	W.L.—C.C.	75	32	36
1	STB. 5⅝ BODY O.D.	1.30	NOZZLE NO.		FLTR. CK.	3/32	2/32	2/32
	STB. BODY O.D.		NOZZLE SIZE		PH			
	BODY O.D.		SER. NO.	4625	SD. CONT. %			
	SUBS O.D.		DEPTH OUT		PRESSURE GRADIENT			
	BIT OR C.B.		DEPTH IN	4110	10:00 Adding Mag-Bar for wt			
			TOTAL FTG.					
	KELLY DOWN	18	TOTAL HR. RUN					
	TOTAL	4116	COND. OF BIT					
	WT. OF STRING	62,000	REAMER NO.					
			REAMER TYPE					

MUD & CHEMICALS ADDED: Mylobel 10; Mag-Bar 15

DRILLER: H De Graw

FOOTAGE FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
4112.	4116	C		Core #2	65	15-20	800	5½	52			

DEVIATION RECORD: DEPTH / DEV. / DIRECTION —

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	12:00	7⅔	Coring #2. (Charge Ladubors & Labor for unloading mud)
		⅓	Repair Pump

DRILLING CREW PAYROLL DATA

Nº 6290

DATE August 6-1963

WELL NAME & NO. Ladubors C I G Nicolet #1

COMPANY Ladubors Oil Co

TOOL PUSHER ______ RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm H Siddall	8
FIREMAN		Welby Rheault	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		Ben Benson	12
DRKMAN		L.E. Thomas	12
MTRMAN		J. Quellan	8
FIREMAN		J. Landry	12
FLRMAN			
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		H. De Graw	14
DRKMAN		P. Quellan	14
MTRMAN		J. Hubbard	14
FIREMAN		L. Lavoie	14
FLRMAN			
FLRMAN			
FLRMAN			

Extra hrs getting mud truck out of mud & down to warehouse & unloading mud.

NO. OF DAYS ______ SINCE LAST LOST TIME ACCIDENT

FORM 37-4 PRINTED IN U.S.A. APPROVED APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

APPROVED APPROVED

Nº 6289

DAILY DRILLING REPORT

REPORT NO. 41 DATE 8-5-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Ladubors Oil Co	Ladubors C.I.G. Nicolet #1			Nicolet	Quebec

CONTRACTOR	RIG NO.
NORTH AMERICAN DRILLING COMPANY (struck through) / Union Rotary Drillers Co. Ltd.	4

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]
SIGNATURE OF CONTRACTOR'S TOOL PUSHER: [signature]

DRILL PIPE STRING: NO. / SIZE — TOOL JOINT: O.D. / TYPE THD.

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	150B	12
2.			
3.			

LAST CASING, TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9⅝			7			236	

TIME DISTRIBUTION — HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			1¼
REAMING			
CONDITIONING MUD & CIRCULATING			3¾
TRIPS			2¾
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			
Wash & Ream	8	7	1½
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY): DAY WORK / HRS. W/DP / HRS. WO/DP / HRS. STANDBY / TOTAL DAY WORK

WIRE LINE RECORD: REEL NO. / NO. OF LINES 8 / SIZE 1" / FEET SLIPPED / FEET CUT OFF / PRESENT LENGTH / TON MI. OR TRIPS SINCE LAST CUT / CUMULATIVE TON MI. OR TRIPS / NO. OF DAYS FROM SPUD / CUMULATIVE ROTATING HRS.

MORNING TOUR

Drilling Assembly at end of tour

NO.			
	STANDS D.P.	3743	FT.
	SINGLES D.P.		FT.
9	D.C. 6¾ O.D.	248	FT.
	D.C. I.D. O.D.		FT.
	STB. BODY O.D.		FT.
	STB. BODY O.D.		FT.
	RMR. BODY O.D.		FT.
	SUBS O.D.		FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN	40	FT.
	TOTAL	4031	FT.
	WT. OF STRING	66,000	LBS.

Bit Record: BIT NO. 15 / SIZE 8¾ / MFG. HTC / TYPE W7R / NOZZLE NO. 3, SIZE 11/16 / SER. NO. 3355 / DEPTH OUT / DEPTH IN 4109 / TOTAL FTG. / TOTAL HR. RUN / COND. OF BIT / REAMER NO. / REAMER TYPE

Mud Record

TIME	3:00	7:00
WEIGHT	11-	11-
VISC.—SEC		38
W.L.—C.C.		
FLTR. CK.		
PH		
SD. CONT. %		
PRESSURE GRADIENT		

MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT.

DRILLER: A. Cleveland

Footage

FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
3676	4031											

DEVIATION RECORD: DEPTH / DEV. / DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
3676	4031	8	Washing & Reaming Hole.
12:00	8:00		

DAY TOUR

Drilling Assembly at end of tour

NO.			
	STANDS D.P.		FT.
	SINGLES D.P.		FT.
9	D.C. 6¾ O.D.	248	FT.
	D.C. I.D. O.D.		FT.
	STB. BODY O.D.		FT.
	STB. BODY O.D.		FT.
	RMR. BODY O.D.		FT.
	SUBS O.D.		FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN		FT.
	TOTAL	4109	FT.
	WT. OF STRING	70,000	LBS.

Bit Record: BIT NO. / SIZE / MFG. / TYPE / NOZZLE NO., SIZE / SER. NO. / DEPTH OUT / DEPTH IN / TOTAL FTG. / TOTAL HR. RUN / COND. OF BIT / REAMER NO. / REAMER TYPE

Mud Record

TIME	9:00	1:00	3:00
WEIGHT	11.1	11.1	11.1
VISC.—SEC	41	39	42
W.L.—C.C.		75	
FLTR. CK.		9/32	
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT.

DRILLER: Ben Benson

Footage

FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
4031	4109	R										

DEVIATION RECORD: DEPTH / DEV. / DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
			GREASE & CHECK RIG:
8:00	3:00	7	REAMING & WASHING: CIR OUT; O.B. 3:00 @ 4109
3:00	4:00	1	CIR OUT:

EVENING TOUR

Drilling Assembly at end of tour

NO.			
	STANDS D.P.		FT.
	SINGLES D.P.		FT.
9	D.C. 6¾ I.D. O.D.	248	FT.
	D.C. I.D. O.D.		FT.
	STB. BODY O.D.		FT.
	STB. BODY O.D.		FT.
	RMR. BODY O.D.		FT.
	SUBS O.D.		FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN		FT.
	TOTAL		FT.
	WT. OF STRING	66,000	LBS.

Bit Record: BIT NO. 15 / SIZE 8¾ / MFG. HTC / TYPE W7-R / NOZZLE NO. 3, SIZE 11/16 / SER. NO. 3255 / DEPTH OUT / DEPTH IN 4109 / TOTAL FTG. / TOTAL HR. RUN / COND. OF BIT / REAMER NO. / REAMER TYPE

Mud Record

TIME	4:00	8:30	11:00
WEIGHT	11.4	11.0	11.2
VISC.—SEC	41	40	40
W.L.—C.C.	75		
FLTR. CK.	1/32		
PH			
SD. CONT. %			
PRESSURE GRADIENT			

Salt cont 200,000 PPM

MUD & CHEMICALS ADDED: Mosh 10 sk

DRILLER: H. De Graw

Footage

FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
4109	4110				55	10	700	5½	65			
L												

DEVIATION RECORD: DEPTH / DEV. / DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	5:30	1½	Cir. to Clean Hole
5:30	7:00	1½	Pulled up 24 Stands to see if Hole is Clean Run 24 stands to Bottom Hole seem ok
7:00	8:45	1¾	Cir. & W.O.O.
8:45	9:45	1	Drly on one ft.
9:45	11:15	1½	Cir. for Samples
11:15	12:00	¾	Coming out of Hole

DRILLING CREW PAYROLL DATA

DATE August 5-1963 Nº 6289
WELL NAME & NO. Ladubors C.I.G. Nicolet #1
COMPANY Ladubors Oil Co
TOOL PUSHER [signature] RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm H Siddall	8
FIREMAN		Webby Rheault	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		Ben Benson	8
DRKMAN		L. Thomas	8
MTRMAN		J. Ouellet	8
FIREMAN		J. Landry	8
FLRMAN			
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		H. De Graw	8
DRKMAN		R. Ouellet	8
MTRMAN		J. Hubbard	8
FIREMAN		A. Leamire	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

Nº 6288

DAILY DRILLING REPORT

REPORT NO. 40 DATE 8-4-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Laduboro Oil Co	Laduboro C. J. G. Nicolet #1			Nicolet	Quebec

CONTRACTOR	RIG NO.	DRILL PIPE STRING (NO. / SIZE)	TOOL JOINT O.D. / TYPE THD.
NORTH AMERICAN DRILLING COMPANY Union Rotary Drillers Can Ltd	4		

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	150B	12
2.			
3.			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9 5/8			7			236	

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING	4 3/4		
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		1 1/4	
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS		8	

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK	
HRS. W/DP	
HRS. WO/DP	
HRS. STANDBY	
TOTAL DAY WORK	

WIRE LINE RECORD

REEL NO.	
NO. OF LINES / SIZE	
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	FT.
	STANDS D.P.	
	SINGLES D.P.	
	D.C. I.D. O.D.	
	D.C. I.D. O.D.	
	STB. BODY O.D.	
	STB. BODY O.D.	
	RMR. BODY O.D.	
	SUBS O.D.	
	BIT OR C.B.	
	KELLY DOWN	
	TOTAL	
	WT. OF STRING (LBS.)	

BIT RECORD

BIT NO.	15
SIZE	8 3/4
MFG.	HTC
TYPE	W7R
NOZZLE NO.	3
NOZZLE SIZE	11/16
SER. NO.	3355
DEPTH OUT	
DEPTH IN	4109
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	4:00	7:00	
WEIGHT	10.6	11.–	
VISC.–SEC			
W.L.–C.C.			
FLTR. CK.			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Magcobar	72 Sks		

DRILLER A Cleveland

FOOTAGE / FORMATION

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
4109	–											

DEVIATION RECORD: DEPTH / DEV. / DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	5:30	5 1/2	Reaming Hole. Breaking & Doping Drill pipe
5:30	7:00	1 1/2	Mix Mud.
7:00	8:00	1	Reaming to 2760'

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	FT.
34	STANDS D.P.	3041 23
1	SINGLES D.P.	30 –
6	D.C. 6 3/4 O.D.	169-60
	D.C. I.D. O.D.	
1	STB. BODY 6 3/4	1.85
	STB. BODY O.D.	
	RMR. BODY O.D.	
	SUBS O.D.	
	BIT OR C.B.	
	KELLY DOWN	40
	TOTAL	3302 68
	WT. OF STRING (LBS.)	52,000

BIT RECORD

BIT NO.	#15
SIZE	8 3/4
MFG.	H.T.C.
TYPE	W7R
NOZZLE NO.	3
NOZZLE SIZE	11/16
SER. NO.	3355
DEPTH OUT	
DEPTH IN	4109
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	8:30	12:00	3:00
WEIGHT	11.2	11.1	11.2
VISC.–SEC	42	38	42
W.L.–C.C.			7 1/2 cc
FLTR. CK.			3/32
PH			
SD. CONT. %	5 m/s		
PRESSURE GRADIENT	200, 300 RPM		

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Salt Gel	15		

DRILLER Ben Benson

FOOTAGE / FORMATION

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
2760	3302	R		Ream & Washing to 3302								

DEVIATION RECORD: DEPTH / DEV. / DIRECTION

DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS: Grease & Check Rig

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	1:30	5 1/2	Pump Repair: Ream & Washing; to 3302-68'
1:30	2:45	1 1/4	Cir: Conditioning Mud;
2:45	4:00	1 1/4	Cir: Unloading Barоid:

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	FT.
[illegible]	STANDS D.P.	3398
	SINGLES D.P.	
9	D.C. 6 3/4 O.D.	249-31
	D.C. I.D. O.D.	
	STB. BODY O.D.	
	STB. BODY O.D.	
	RMR. BODY O.D.	
	SUBS O.D.	
	BIT OR C.B.	
	KELLY DOWN	40
	TOTAL	3676
	WT. OF STRING (LBS.)	64,000

BIT RECORD

BIT NO.	15
SIZE	8 3/4
MFG.	HTC
TYPE	W7R
NOZZLE NO.	3
NOZZLE SIZE	11/16
SER. NO.	3355
DEPTH OUT	
DEPTH IN	4109
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	4:30	10:30	11:30
WEIGHT	11+	11.2	11.1
VISC.–SEC	40	40	42
W.L.–C.C.			
FLTR. CK.			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Macha	7 ok		

DRILLER H De Groow

FOOTAGE / FORMATION

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
3202	3676			Reaming & Washing								

DEVIATION RECORD: DEPTH / DEV. / DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	8:00	4	unload mud Grease and Rig & trip for to add on some DC & Stabilizer reamer
8:00	12:00	4	Reaming & washing

DRILLING CREW PAYROLL DATA

DATE August 4 1963 Nº 6288

WELL NAME & NO. Laduboro C. J. G. Nicolet #1

COMPANY Laduboro Oil Co

TOOL PUSHER RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm H Siddall	8
FIREMAN		Welby Rheault	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		Ben Benson	8
DRKMAN		L. L. Thomas	8
MTRMAN		J. Quellin	8
FIREMAN		J. Landry	8
FLRMAN			
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		H. DeGroow	8
DRKMAN		J. Quillen	8
MTRMAN		J. Hubbard	8
FIREMAN		L. Leonie	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

Nº 6287

DAILY DRILLING REPORT

REPORT NO. 39 DATE 8-3-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Ladubor Oil co	Ladubor C.N.G. Nicolet #1			Nicolet	Quebec

CONTRACTOR: NORTH AMERICAN DRILLING COMPANY — Union Rotary Drilling Co. Ltd. RIG NO. 4

DRILL PIPE STRING: NO. / SIZE — TOOL JOINT O.D. — TYPE THD.

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

PUMPS NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	1500B	12
2.			
3.			

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
	9⅝			7			236	

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG 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		8	
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS		8	

TIME SUMMARY (OFFICE USE ONLY): DAY WORK; HRS. W/DP; HRS. NO/DP; HRS. STANDBY; TOTAL DAY WORK

WIRE LINE RECORD: REEL NO.; NO. OF LINES, SIZE; FEET SLIPPED; FEET CUT OFF; PRESENT LENGTH; TON MI. OR TRIPS SINCE LAST CUT; CUMULATIVE TON MI. OR TRIPS; NO. OF DAYS FROM SPUD; CUMULATIVE ROTATING HRS.

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR: STANDS D.P.; SINGLES D.P.; D.C. I.D. O.D.; D.C. I.D. O.D.; STB. BODY O.D.; STB. BODY O.D.; RMR. BODY O.D.; SUBS O.D.; BIT OR C.B.; KELLY DOWN; TOTAL; WT. OF STRING

BIT RECORD	
BIT NO.	14
SIZE	8¾
MFG.	H.S.
TYPE	RBIJ
NOZZLE NO. / SIZE	
SER. NO.	37932
DEPTH OUT	4109
DEPTH IN	4022
TOTAL FTG.	87
TOTAL HR. RUN	
COND. OF BIT	T4 B-2-?
REAMER NO.	
REAMER TYPE	

MUD RECORD	
TIME	3:30
WEIGHT	10.8
VISC.—SEC	35
W.L.—C.C.	
FLTR. CK.	
PH	
SD. CONT. %	Salt 194,800
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED TYPE	AMT.
Salt Gel	25 Sks
Salt	15 Sks

DRILLER: A. Cleveland

FOOTAGE FROM 4109 TO –

DEVIATION RECORD: DEPTH / DEV. / DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	3.00	3	Finish out of Hole
3.00	8.00	5	Conditioning Mud.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR: NO. 3 (D.C.)

BIT RECORD	
BIT NO.	15
SIZE	8¾
MFG.	HTC.
TYPE	W7R
NOZZLE NO.	3
NOZZLE SIZE	11/16
SER. NO.	3355
DEPTH OUT	
DEPTH IN	4109
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD	
TIME	3:00
WEIGHT	10.4
VISC.—SEC	46
W.L.—C.C.	
FLTR. CK.	
PH	
SD. CONT. %	SALT 205,000 P.P.M.
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED: Baroid 23

DRILLER: Ben Benson

FOOTAGE FROM 4109 TO –

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
			Grease & Check Rig;
8:00			Conditioning Mud;
			Changed Rods, Pistons, Packed Rod Glands in Mud Pump;
			Layed Down Cracked Drill pipe;
	4:00	8	Run Bit 6 Drill Collars in Hole;
			Waiting on Drilling Tools;

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR: NO. 6 — D.C. 6¼ I.D. O.D. 160' FT.

BIT RECORD	
BIT NO.	15
SIZE	8¾
MFG.	HTC
TYPE	W7R
NOZZLE NO.	3
NOZZLE SIZE	11/16
SER. NO.	3355
DEPTH OUT	
DEPTH IN	4109
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD		
TIME	4:30	11:00
WEIGHT	11.5	11.5
VISC.—SEC	43	39
W.L.—C.C.		
FLTR. CK		
PH		
SD. CONT. %		
PRESSURE GRADIENT		

DRILLER: H. DeShaw

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	8:30	4½	Waiting on tools Rig up & tale stake
8:30	10:00	1½	Going in Hole with Bit 6 DC + 23 stands of Pipe 2236' to Ream
10:00	12:00	2	Reaming 130'

DRILLING CREW PAYROLL DATA

Nº 6287

DATE August 3 1963

WELL NAME & NO. Ladubor C.N.G. Nicolet #1

COMPANY Ladubor Oil Co

TOOL PUSHER ______ RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A. Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm H. Siddall	8
FIREMAN		Welby Rheault	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		Ben Benson	8
DRKMAN		L.E. Thomas	8
MTRMAN		J. Ouellet	8
FIREMAN		J. Landry	8
FLRMAN			
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		H. DeShaw	8
DRKMAN		P. Quillon	8
MTRMAN		J. Hubbard	8
FIREMAN		L. Leonard	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ______ SINCE LAST LOST TIME ACCIDENT

Nº 6286

DAILY DRILLING REPORT

REPORT NO. 38 DATE 8-2-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Ladubors Oil Co	Ladubors D G Nicolet #1			Nicolet	Quebec

CONTRACTOR	RIG NO.	DRILL PIPE STRING NO.	SIZE	TOOL JOINT O.D.	TYPE THD.
~~NORTH AMERICAN DRILLING COMPANY~~ Union Rotary Drillers Co. Ltd.	4				

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	150B	12
2.			
3.			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9 5/8			7			236	

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG 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. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS			

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK	
HRS. W/DP	
HRS. WO/DP	
HRS. STANDBY	
TOTAL DAY WORK	

WIRE LINE RECORD

REEL NO.	
NO. OF LINES / SIZE	
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR: STANDS D.P. FT.; SINGLES D.P. FT.; D.C. I.D. O.D. FT.; D.C. I.D. O.D. FT.; STB. BODY O.D. FT.; STB. BODY O.D. FT.; RMR. BODY O.D. FT.; SUBS O.D. FT.; BIT OR C.B. FT.; FT.; KELLY DOWN FT.; TOTAL FT.; WT. OF STRING LBS.

BIT RECORD: BIT NO.; SIZE; MFG.; TYPE; NOZZLE NO. SIZE; SER. NO.; DEPTH OUT; DEPTH IN; TOTAL FTG.; TOTAL HR. RUN; COND. OF BIT; REAMER NO.; REAMER TYPE

MUD RECORD

TIME	12:30	6:00
WEIGHT	9.8	12.00
VISC.—SEC	39	
W.L.—C.C.		
FLTR. CK.		
PH		
SD. CONT. %		
PRESSURE GRADIENT		

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Magcobar	135 Sks		
Salt Gel	10 Sks		

DRILLER A Cleveland

FOOTAGE FROM	TO	DR.—D RM.—R CORE.—C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN SGL.—S PAR'EL—P COM'D—C
4109	–											

DEVIATION RECORD: DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	6:00	6	Mix Mud
6:00	8:00	2	Working Pipe - Lay down 2 Joints.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR: STANDS D.P. FT.; SINGLES D.P. FT.; D.C. I.D. O.D. FT.; D.C. I.D. O.D. FT.; STB. BODY O.D. FT.; STB. BODY O.D. FT.; RMR. BODY O.D. FT.; SUBS O.D. FT.; BIT OR C.B. FT.; FT.; KELLY DOWN FT.; TOTAL FT.; WT. OF STRING LBS.

BIT RECORD: BIT NO.; SIZE; MFG.; TYPE; NOZZLE NO. SIZE; SER. NO.; DEPTH OUT; DEPTH IN; TOTAL FTG.; TOTAL HR. RUN; COND. OF BIT; REAMER NO.; REAMER TYPE

MUD RECORD: TIME; WEIGHT; VISC.—SEC; W.L.—C.C.; FLTR. CK.; PH; SD. CONT. %; PRESSURE GRADIENT

MUD & CHEMICALS ADDED: TYPE | AMT. | TYPE | AMT.

DRILLER Ben Benson

FOOTAGE FROM	TO	DR.—D RM.—R CORE.—C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
4109	–											

DEVIATION RECORD: DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	4:00	8	Working Pipe: Layed Down 9 Joints: Trying to Brake Cir:

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR: STANDS D.P. FT.; SINGLES D.P. FT.; D.C. I.D. O.D. FT.; D.C. I.D. O.D. FT.; STB. BODY O.D. FT.; STB. BODY O.D. FT.; RMR. BODY O.D. FT.; SUBS O.D. FT.; BIT OR C.B. FT.; FT.; KELLY DOWN FT.; TOTAL FT.; WT. OF STRING LBS.

BIT RECORD: BIT NO.; SIZE; MFG.; TYPE; NOZZLE NO. SIZE; SER. NO.; DEPTH OUT; DEPTH IN; TOTAL FTG.; TOTAL HR. RUN; COND. OF BIT; REAMER NO.; REAMER TYPE

MUD RECORD

TIME	8:30
WEIGHT	10.8
VISC.—SEC	40
W.L.—C.C.	
FLTR. CK	
PH	
SD. CONT. %	
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED: TYPE | AMT. | TYPE | AMT.

DRILLER H. DeGraw

FOOTAGE FROM	TO	DR.—D RM.—R CORE.—C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
4109												

DEVIATION RECORD: DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION | DEPTH | DEV. | DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	6:30	2½	Rigging up to Perforate D.P.
6:30	9:00	2½	Circ + Cond mud. Kill Well
9:00	12:00	3	Coming out of Hole 20 stands. Layed down 4 Bad Jts

DRILLING CREW PAYROLL DATA

Nº 6286

DATE August 2 1963

WELL NAME & NO. Ladubors D G Nicolet #1

COMPANY Ladubors Oil Co

TOOL PUSHER ______ RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm H Siddall	8
FIREMAN		Welby Rheault	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		Ben Benson	8
DRKMAN		L.F. Thomas	8
MTRMAN		J. Quellin	8
FIREMAN		J. Landry	8
FLRMAN			
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		H. DeGraw	8
DRKMAN		R. Quellen	8
MTRMAN		G. Hubbard	8
FIREMAN		L. Leamie	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ______ SINCE LAST LOST TIME ACCIDENT

Nº 6285

DAILY DRILLING REPORT

REPORT NO. 37 DATE 8-1-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Ladubboro Oil Co	Ladubboro O & G Nicolet #1			Nicolet	Quebec

CONTRACTOR	RIG NO.	DRILL PIPE STRING NO.	SIZE	TOOL JOINT O.D.	TYPE THD.
~~NORTH AMERICAN DRILLING COMPANY~~ Union Rotary Drillers Can Ltd	4				

SIGNATURE OF OPERATOR'S REPRESENTATIVE: Thos. W. T. [illegible]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	150B	12
2.			
3.			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	REB. TO CSG. HD.	SET AT	REMARKS
9 5/8			7			236	

TIME DISTRIBUTION HOURS

	MORN	DAY	EVE
RIG 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	7	8	
FISHING	1		
COMPLETION WORK A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8		

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			

WIRE LINE RECORD

REEL NO.	
NO. OF LINES / SIZE	
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR: STANDS D.P. FT. / SINGLES D.P. FT. / D.C. I.D. O.D. FT. / D.C. I.D. O.D. FT. / STB. BODY O.D. FT. / STB. BODY O.D. FT. / RMR. BODY O.D. FT. / SUBS O.D. FT. / BIT OR C.B. FT. / KELLY DOWN FT. / TOTAL FT. / WT. OF STRING LBS.

BIT RECORD: BIT NO. / SIZE / MFG. / TYPE / NOZZLE NO. SIZE / SER. NO. / DEPTH OUT / DEPTH IN / TOTAL FTG. / TOTAL HR. RUN / COND. OF BIT / REAMER NO. / REAMER TYPE

MUD RECORD: TIME / WEIGHT / VISC.-SEC / W.L.-C.C. / FLTR. CK. / PH / SD. CONT. % / PRESSURE GRADIENT

MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT.

DRILLER A Cleveland

FOOTAGE FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
4109	–											

DEVIATION RECORD: DEPTH / DEV. / DIRECTION (blank)

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	7.00	7	Circulating & Gun Pits - Waiton Fisherman.
7.00	8.00	1	Run Free Point indicator

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR / BIT RECORD / MUD RECORD / MUD & CHEMICALS ADDED: (blank)

DRILLER Ben Benson

FOOTAGE FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
4109												

DEVIATION RECORD: DEPTH / DEV. / DIRECTION (blank)

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00			Running Welex: Well Logging:
			Worked Stuck pipe Free; Pulled 45'

EVENING TOUR

MUD RECORD: TIME 10.30 / WEIGHT / VISC.-SEC 42

DRILLER H De Graw

FOOTAGE FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
4109												

DEVIATION RECORD: DEPTH / DEV. / DIRECTION (blank)

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	9:00	5	Pulled out & layed down one jt Drill Pipe
			ran in again about 90' off Bottom of Hole
			Worked Pipe and Ran 30' up hole
9:00	12:00	3	Circ & Mixing mud

DRILLING CREW PAYROLL DATA

Nº 6285

DATE August 1 1963

WELL NAME & NO. Ladubboro O & G Nicolet #1

COMPANY Ladubboro Oil Co

TOOL PUSHER ______ RIG NO. 4

MORNING TOUR 12.00 P.M. 8.00 A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm H Siddall	8
FIREMAN		Welby Rhenault	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ______ SINCE LAST LOST TIME ACCIDENT

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		Ben Benson	8
DRKMAN		[illegible]	8
MTRMAN		J. Quellen	8
FIREMAN		J. Landry	8
FLRMAN			
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		H De Graw	8
DRKMAN		P Quellen	8
MTRMAN		J Hubland	8
FIREMAN		L Lemieux	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ______ SINCE LAST LOST TIME ACCIDENT

Nº 6284

DAILY DRILLING REPORT

REPORT NO. 36 DATE 7-31-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Ladubоro Oil co	Ladubоro O.&G. Nicolet #1			Nicolet	Quebec

CONTRACTOR	RIG NO.	DRILL PIPE STRING NO.	SIZE	TOOL JOINT O.D.	TYPE THD.
~~NORTH AMERICAN DRILLING COMPANY~~ Union Rotary Drillers Can Ltd	4				

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	1501 3	12
2.			
3.			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9 7/8			7			236	

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG 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	8	8	
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS			

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK	
HRS. W/DP	
HRS. WO/DP	
HRS. STANDBY	
TOTAL DAY WORK	

WIRE LINE RECORD

REEL NO.	
NO. OF LINES / SIZE	
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR: STANDS D.P. / SINGLES D.P. / D.C. I.D. O.D. / D.C. I.D. O.D. / STB. BODY O.D. / STB. BODY O.D. / RMR. BODY O.D. / SUBS O.D. / BIT OR C.B. / KELLY DOWN / TOTAL / WT. OF STRING LBS.

BIT RECORD: BIT NO. / SIZE / MFG. / TYPE / NOZZLE NO. SIZE / SER. NO. / DEPTH OUT / DEPTH IN / TOTAL FTG. / TOTAL HR. RUN / COND. OF BIT / REAMER NO. / REAMER TYPE

MUD RECORD: TIME / WEIGHT / VISC.-SEC / W.L.-C.C. / FLTR. CK. / PH / SD. CONT. % / PRESSURE GRADIENT

MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT.

DRILLER: A Cleveland

FOOTAGE FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
4109												

DEVIATION RECORD: DEPTH / DEV. / DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00			Ran in Hole Screwed on To Pipe
	8.00	8	Attempting To Back off DC:

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR: STANDS D.P. / SINGLES D.P. / D.C. I.D. O.D. / D.C. I.D. O.D. / STB. BODY O.D. / STB. BODY O.D. / RMR. BODY O.D. / SUBS O.D. / BIT OR C.B. / KELLY DOWN / TOTAL / WT. OF STRING LBS.

BIT RECORD: BIT NO. / SIZE / MFG. / TYPE / NOZZLE NO. SIZE / SER. NO. / DEPTH OUT / DEPTH IN / TOTAL FTG. / TOTAL HR. RUN / COND. OF BIT / REAMER NO. / REAMER TYPE

MUD RECORD: TIME / WEIGHT / VISC.-SEC / W.L.-C.C. / FLTR. CK. / PH / SD. CONT. % / PRESSURE GRADIENT

MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT.

DRILLER: Ben Benson

FOOTAGE FROM / TO / DR.-D RM.-R CORE.-C / CORE NO. / FORMATION (SHOW CORE RECOVERY) / ROTARY RPM / WT. ON BIT 1000 # / PUMP PRESS / PUMP NO. LINER SIZE / S.P.M. / PUMP NO. LINER SIZE / S.P.M. / METHOD RUN SGL.-S PAR'EL-P COM'D-C

DEVIATION RECORD: DEPTH / DEV. / DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	11:00	3	String Shot Drill Collar Sub: No Back off:
11:00	4:00	5	Waiting on Fisher man:
			Cir: & Gunner Pits:

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR: STANDS D.P. / SINGLES D.P. / D.C. I.D. O.D. / D.C. I.D. O.D. / STB. BODY O.D. / STB. BODY O.D. / RMR. BODY O.D. / SUBS O.D. / BIT OR C.B. / KELLY DOWN / TOTAL / WT. OF STRING LBS.

BIT RECORD: BIT NO. / SIZE / MFG. / TYPE / NOZZLE NO. SIZE / SER. NO. / DEPTH OUT / DEPTH IN / TOTAL FTG. / TOTAL HR. RUN / COND. OF BIT / REAMER NO. / REAMER TYPE

MUD RECORD: TIME / WEIGHT / VISC.-SEC / W.L.-C.C. / FLTR. CK / PH / SD. CONT. % / PRESSURE GRADIENT

MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT.

DRILLER: H De Graw

FOOTAGE FROM / TO / DR.-D RM.-R CORE.-C / CORE NO. / FORMATION (SHOW CORE RECOVERY) / ROTARY RPM / WT. ON BIT 1000 # / PUMP PRESS / PUMP NO. LINER SIZE / S.P.M. / PUMP NO. LINER SIZE / S.P.M. / METHOD RUN SGL.-S PAR'EL-P COM'D-C

DEVIATION RECORD: DEPTH / DEV. / DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	12:00	8 hr	Waiting on fisherman
			Cir. - Gunning Pits

DRILLING CREW PAYROLL DATA

Nº 6284

DATE July 31 1963

WELL NAME & NO. Ladubоro O&G Nicolet #1

COMPANY Ladubоro Oil Co

TOOL PUSHER ______ RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A. Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm H Siddall	8
FIREMAN		Welby Rheault	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ______ SINCE LAST LOST TIME ACCIDENT

DAY TOUR ______ A.M. ______ P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		Ben Benson	
DRKMAN		L.E. Thomas	8
MTRMAN		J. Quellin	8
FIREMAN		J. Landry	8
FLRMAN			
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		H. De Graw	8
DRKMAN		P. Quillen	8
MTRMAN		J. Hubbard	8
FIREMAN		H. Lamire	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ______ SINCE LAST LOST TIME ACCIDENT

№ 6283

DAILY DRILLING REPORT

REPORT NO. 35 DATE 7-30-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Ladubоro Oil co	Laduboro O & G Nicolet #1			Nicolet	Quebec

CONTRACTOR	RIG NO.	DRILL PIPE STRING NO.	SIZE	TOOL JOINT O.D.	TYPE THD.
~~NORTH AMERICAN DRILLING COMPANY~~ Union Rotary Drillers Can Ltd.	4				

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

PUMPS NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	150B	12
2.			
3.			

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
	9⅝			7			236	

TIME DISTRIBUTION, HOURS	MORN	DAY	EVE
RIG 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	8		
FISHING			
COMPLETION WORK A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	

TIME SUMMARY (OFFICE USE ONLY): DAY WORK; HRS. W/DP; HRS. WO/DP; HRS. STANDBY; TOTAL DAY WORK

WIRE LINE RECORD: REEL NO.; NO. OF LINES; SIZE; FEET SLIPPED; FEET CUT OFF; PRESENT LENGTH; TON MI. OR TRIPS SINCE LAST CUT; CUMULATIVE TON MI. OR TRIPS; NO. OF DAYS FROM SPUD; CUMULATIVE ROTATING HRS.

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR: STANDS D.P.; SINGLES D.P.; D.C.; STB.; RMR.; SUBS; BIT OR C.B.; KELLY DOWN; TOTAL; WT. OF STRING

BIT RECORD: BIT NO.; SIZE; MFG.; TYPE; NOZZLE; SER. NO.; DEPTH OUT; DEPTH IN; TOTAL FTG.; TOTAL HR. RUN; COND. OF BIT; REAMER NO.; REAMER TYPE

MUD RECORD	
TIME	4.00
WEIGHT	10.1
VISC.–SEC	39
W.L.–C.C.	
FLTR. CK.	
PH	
SALT CONT. %	206,250 P.P.M.
PRESSURE GRADIENT	

DRILLER: A Cleveland

FOOTAGE FROM	TO	PUMP NO. LINER SIZE
4109		5½

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	8:00	8	Circulate Waiting on test truck.

DAY TOUR

MUD RECORD		
TIME	9:00	4:00
WEIGHT	10.9	10.9
SALT CONT. %	200,000	

MUD & CHEMICALS ADDED: Baroid 25

DRILLER: Ben Benson

FOOTAGE FROM	TO
4109	

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	4:00	8	WAITING ON McCOULLOUGH & CIR:
			CONDITIONING MUD:

EVENING TOUR

MUD RECORD	
TIME	8:00
WEIGHT	10.5
VISC.–SEC	40

DRILLER: H. DeThomas

FOOTAGE FROM	TO
4109	

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	11:00	7	Welex Logging inside drill Pipe
11:00			Pumped [illegible] at 862
11:00	12:00	1h	Pulled out 9 stands + a single

DRILLING CREW PAYROLL DATA

DATE July 30 1963 № 6283

WELL NAME & NO. Laduboro O & G Nicolet #1

COMPANY Laduboro Oil Co

TOOL PUSHER ______ RIG NO. 4

MORNING TOUR 12.00 P.M. 8:00 A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A CLEVELAND	8
DRKMAN		TOM SANDERS	8
MTRMAN		Wm H SIDDALL	8
FIREMAN		WELLY RHEAULT	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		BEN BENSON	8
DRKMAN		L. K. THOMAS	8
MTRMAN		J. Cyellon	8
FIREMAN		J. LANDRY	8
FLRMAN			
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		H. DeThomas	8
DRKMAN		[illegible]	8
MTRMAN		[illegible]	8
FIREMAN		[illegible]	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

Nº 6282

DAILY DRILLING REPORT

REPORT NO. 34 DATE 7-29-63

OPERATOR	Ladubero Oil Co
LEASE	Ladubero CIG Nicolet #1
WELL NO.	
FIELD OR DIST.	
COUNTY	Nicolet
STATE	Quebec
CONTRACTOR	~~NORTH AMERICAN DRILLING COMPANY~~ Union Rotary Driller Co. Ltd
RIG NO.	4
SIGNATURE OF OPERATOR'S REPRESENTATIVE	Thos. W. Link
SIGNATURE OF CONTRACTOR'S TOOL PUSHER	

DRILL PIPE STRING: NO. / SIZE — TOOL JOINT O.D. — TYPE THD.

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	150B	12
2.			
3.			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	REG. TO CSG. HD.	SET AT	REMARKS
9⅝			7			236	

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG 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	8		
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	

TIME SUMMARY (OFFICE USE ONLY): DAY WORK — HRS. W/DP — HRS. WO/DP — HRS. STANDBY — TOTAL DAY WORK

WIRE LINE RECORD: REEL NO. — NO. OF LINES — SIZE — FEET SLIPPED — FEET CUT OFF — PRESENT LENGTH — TON MI. OR TRIPS SINCE LAST CUT — CUMULATIVE TON MI. OR TRIPS — NO. OF DAYS FROM SPUD — CUMULATIVE ROTATING HRS.

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR: STANDS D.P. — SINGLES D.P. — D.C. I.D. O.D. — STB. BODY — RMR. BODY — SUBS — BIT OR C.B. — KELLY DOWN — TOTAL — WT. OF STRING

BIT RECORD: BIT NO. — SIZE — MFG. — TYPE — NOZZLE — SER. NO. — DEPTH OUT — DEPTH IN — TOTAL FTG. — TOTAL HR. RUN — COND. OF BIT — REAMER NO. — REAMER TYPE

MUD RECORD	
TIME	3:00
WEIGHT	10-9
VISC.-SEC	39

FOOTAGE FROM	TO	PUMP NO. 1 LINER SIZE
4109		5½

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00			Displacing Fuel Oil in Drill Pipe
			20 Strokes on Mud Pump each Hr.
	8.00	8	Approx 2 Bbl each Hr.

DRILLER: A. Cleveland

DAY TOUR

MUD RECORD	
TIME	2:30
WEIGHT	10.9
VISC.-SEC	44
SD. CONT. %	[illegible]

FOOTAGE FROM	TO
4109	—

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	4:00	8	Cir - Waiting on Brouelt

DRILLER: Ben Benson

EVENING TOUR

MUD RECORD	
TIME	8:00
WEIGHT	10.1
VISC.-SEC	37

FOOTAGE FROM	TO
4109	

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	12:00	8	Cir + Waiting on Wireline Truck

DRILLER: W. DeGraw

DRILLING CREW PAYROLL DATA

DATE July 29 - 1963 Nº 6282

WELL NAME & NO. Ladubero CIG Nicolet #1

COMPANY Ladubero Oil Co

TOOL PUSHER ______ RIG NO. 4

MORNING TOUR 12.00 P.M. 8.00 A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm H Siddall	8
FIREMAN		Welby Rhenault	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		Ben Benson	8
DRKMAN		L.F. Thomas	8
MTRMAN		J. Crellen	8
FIREMAN		J. Landry	8
FLRMAN			
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		W. DeGraw	8
DRKMAN		P. Quellen	8
MTRMAN		J. Hubbard	8
FIREMAN		J. Lamire	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ______ SINCE LAST LOST TIME ACCIDENT

№ 6281

DAILY DRILLING REPORT

REPORT NO. 33 DATE 7-28-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Laduboro Oil Co	Laduboro (C.I.G.) Nicolet # 1			Nicolet	Quebec

CONTRACTOR: ~~NORTH AMERICAN DRILLING COMPANY~~ Union Rotary Drillers Co. Ltd. RIG NO. 4

DRILL PIPE STRING: NO. SIZE — TOOL JOINT O.D. — TYPE THD.

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

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	1503	12
2.			
3.			

LAST CASING, TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9 5/8			7			236	

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG 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		8	
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS		8	

TIME SUMMARY (OFFICE USE ONLY): DAY WORK — HRS. W/DP — HRS. WO/DP — HRS. STANDBY — TOTAL DAY WORK

WIRE LINE RECORD: REEL NO. — NO. OF LINES — SIZE — FEET SLIPPED — FEET CUT OFF — PRESENT LENGTH — TON MI. OR TRIPS SINCE LAST CUT — CUMULATIVE TON MI. OR TRIPS — NO. OF DAYS FROM SPUD — CUMULATIVE ROTATING HRS.

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR: STANDS D.P. — SINGLES D.P. — D.C. — STB. — RMR. — SUBS — BIT OR C.B. — KELLY DOWN — TOTAL — WT. OF STRING

BIT RECORD: BIT NO. — SIZE — MFG. — TYPE — NOZZLE — SER. NO. — DEPTH OUT — DEPTH IN — TOTAL FTG. — TOTAL HR. RUN — COND. OF BIT — REAMER NO. — REAMER TYPE

MUD RECORD

TIME	2:00
WEIGHT	11.
VISC.—SEC	39

DRILLER: A Cleveland

FOOTAGE: FROM 4109 TO —

TIME LOG / DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

FROM	TO	ELAPSED TIME	DETAILS
12:00			Displacing Fuel Oil - 20 Strokes on Mud Pump Each Hr. - Approx - 88 gal Per 20 Strokes Working Drill pipe 20-140 PTS.
	8:00	8	12:30 - 1:30 - 2:30 - 3:30 - 4:30 - 5:30 - 6:30 - 7:30

DAY TOUR

MUD RECORD

TIME	9:00
WEIGHT	11.1
VISC.—SEC	39
SD. CONT. %	Salt 220,000 P.P.M.

DRILLER: Ben Benson

FOOTAGE: FROM 4109 TO —

FROM	TO	ELAPSED TIME	DETAILS
8:00	12:30	4½	Displace Fuel oil - 2 BLS Each HR: Working Drill pipe 20 to 140 P.S.I.;
12:30	4:00	3½	2 BLS. Each ½ HR: Working Drill pipe:

EVENING TOUR

MUD RECORD

TIME	6:00	7:00
WEIGHT	10.7	11.1
VISC.—SEC	50	40

MUD & CHEMICALS ADDED: [illegible] — Gel [illegible] — [illegible] 10

DRILLER: [illegible]

FOOTAGE: FROM 4109

FROM	TO	ELAPSED TIME	DETAILS
4:00	8:00	4	Circ. & Condition mud
8:00	9:00		Pumped 20 [illegible] of fuel oil in hole. Displaced with [illegible]
9:00			Pumped 2 [illegible] of fuel in pipe
		20 [illegible]	[illegible] working pipe [illegible]
11:00		20 [illegible]	[illegible]
11:00		20 [illegible]	

DRILLING CREW PAYROLL DATA

№ 6281

DATE July 28 - 1963

WELL NAME & NO. Laduboro (C.I.G.) Nicolet

COMPANY Laduboro Oil Co

TOOL PUSHER — RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm H Siddall	8
FIREMAN		Welby Rheault	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		Ben Benson	8
DRKMAN		L. E. Thomas	8
MTRMAN		J. Quellet	8
FIREMAN		J. Landry	8
FLRMAN			
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		[illegible]	8
DRKMAN		[illegible]	8
MTRMAN		[illegible]	8
FIREMAN		[illegible]	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

Nº 6280

DAILY DRILLING REPORT

REPORT NO. 32 DATE 7-27-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Ladubora Oil Co	Ladubora C. I. G. Nicolet #1			Nicolet	Quebec

CONTRACTOR: ~~NORTH AMERICAN DRILLING COMPANY~~ Union Rotary Drillers (Can.) LTD. RIG NO. 4

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

PUMPS NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	150B	
2.			
3.			

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
	9 5/8			7			236	

TIME DISTRIBUTION

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING		3	
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		5	
FISHING			
COMPLETION WORK: A. PERFORATING		8	
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS		8	

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK	8
HRS. W/DP	
HRS. WO/DP	
HRS. STANDBY	
TOTAL DAY WORK	

WIRE LINE RECORD

REEL NO.	
NO. OF LINES / SIZE	
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

MUD RECORD: TIME 1230; WEIGHT 11.3

DRILLER: A. Cleveland

FOOTAGE FROM: 4109 —

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	2:00	2	Trying to Break Circulation.
2:00	4:30	2 1/2	Change Pump Liners & Heads 7 1/4 to 5 1/2"
4:30	7:00	2 1/2	Trying to Break Circulation
7:00	8:00	1	Twist off Pull 26 Joints D.P.

DAY TOUR

MUD RECORD: WEIGHT 12.0; VISC. 44; W.L. 39; PRESSURE GRADIENT Sat. 330,000 PPM

MUD & CHEMICALS ADDED: Cir: Pits

FOOTAGE FROM: 4109 — PUMP LINER SIZE 5 1/2

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	4:00		Run 28 stands in hole: Turned into Drilling String. Working Pipe Down: Cir. Working Pipe: 20,000 – 140,000 moved pipe down hole 11' Cir Freely

EVENING TOUR

MUD RECORD: Ben Benson; TIME 9:00; WEIGHT 5:30 11.+; VISC. 10:10 40; W.L. 33-3M; FLTR. CK. [illegible]; PH 5/10; PRESSURE GRADIENT Sat. 330,000 PPM

MUD & CHEMICALS ADDED: Mudflo 50 lb; Gel 150 lb

DRILLER: H DeGrow

FOOTAGE FROM: 4109

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	6:00	2	tighten line on Pump & Working Pipe from 20000 – 140000
6:00	9:00	3	mixing mud & Cir. [illegible] Hole
9:00	9:30	1/2	Went through Pump Valves
9:30			Pump 35 Barrels of fuel oil in Well
10:30	11:30		Pumped 40 Barrels [illegible] Pipe

DRILLING CREW PAYROLL DATA

Nº 6280

DATE July 27 1963

WELL NAME & NO. Ladubora C. I. G. Nicolet #1

COMPANY Ladubora Oil Co

TOOL PUSHER RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A. Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm H. Siddall	8
FIREMAN		Webby Rheault	8

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		Ben Benson	8
DRKMAN		L. L. Thomas	8
MTRMAN		J. Quellet	8
FIREMAN		J. Landry	8

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		H. DeGrow	8
DRKMAN		[illegible]	8
MTRMAN		[illegible] Hubbard	8
FIREMAN		L. Lemire	8

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

Nº 6279

DAILY DRILLING REPORT

REPORT NO. 31 DATE 7-26-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Ladaboro Oil Co	Ladaboro O. & G. Nicolet #1			Nicolet	Quebec

CONTRACTOR	RIG NO.
NORTH AMERICAN DRILLING COMPANY / Union Rotary Drillers Can. Ltd.	4

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

DRILL PIPE STRING NO. SIZE — TOOL JOINT O.D. — TYPE THD.

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	150 B	12
2.			
3.			

LAST CASING, TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9⅝			7			226	

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG 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		8	
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS		8	

TIME SUMMARY (OFFICE USE ONLY): DAY WORK; HRS. W/DP; HRS. WO/DP; HRS. STANDBY; TOTAL DAY WORK

WIRE LINE RECORD

REEL NO.; NO. OF LINES, SIZE; FEET SLIPPED; FEET CUT OFF; PRESENT LENGTH; TON MI. OR TRIPS SINCE LAST CUT; CUMULATIVE TON MI. OR TRIPS; NO. OF DAYS FROM SPUD; CUMULATIVE ROTATING HRS.

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR: STANDS D.P.; SINGLES D.P.; D.C. I.D. O.D.; STB. BODY O.D.; RMR. BODY O.D.; SUBS O.D.; BIT OR C.B.; KELLY DOWN; TOTAL; WT. OF STRING LBS.

BIT RECORD: BIT NO.; SIZE; MFG.; TYPE; NOZZLE NO. SIZE; SER. NO.; DEPTH OUT; DEPTH IN; TOTAL FTG.; TOTAL HR. RUN; COND. OF BIT; REAMER NO.; REAMER TYPE

MUD RECORD		
TIME	1:00	7:30
WEIGHT	10-	11.5
VISC.-SEC	36	
W.L.-C.C.		
FLTR. CK.		
PH		
SD. CONT. %		
PRESSURE GRADIENT		

MUD & CHEMICALS ADDED TYPE	AMT.	TYPE	AMT.
Magcobar	300 sks		
Salt	64		

DRILLER: A. Cleveland

FOOTAGE FROM	TO	PUMP NO. LINER SIZE
4109	-	7¼

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	8.00	8	Conditioning Mud -

DAY TOUR

MUD RECORD	
TIME	9:00
WEIGHT	11.5

MUD & CHEMICALS ADDED TYPE	AMT.	TYPE	AMT.
Salt	60		

DRILLER: Ben Benson

FOOTAGE FROM	TO
4109	

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	4:00	8	Conditioning Mud: Blowing Down Gas: Well: Pumped in Mud: Well Killed: Pipe Free:

EVENING TOUR

MUD RECORD			
TIME	4:45	[illegible]	11:00
WEIGHT	10.6	[illegible]	10.9
VISC.-SEC	34	35	41
SD. CONT. %	2350 PPM		

MUD & CHEMICALS ADDED TYPE	AMT.	TYPE	AMT.
Magcobar	110 sk		
Salt	20		
Gel	11		

DRILLER: [illegible]

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	5:30	1½	Working on Hydrom Brake.
5:30	10:30	5	Mixing & Cond. Mud — Rotating Pipe
10:30	11:00	½	[illegible] WT. 10-9

DRILLING CREW PAYROLL DATA

Nº 6279

DATE July 26 1963

WELL NAME & NO. Ladaboro O & G Nicolet #1

COMPANY Ladaboro Oil Co

TOOL PUSHER — RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A. Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm H. Siddall	8
FIREMAN		Welby Rhéault	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		Ben Benson	8
DRKMAN		L.E. Thomas	8
MTRMAN		J. Guellet	8
FIREMAN		J. Landry	8
FLRMAN			
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		[illegible]	8
DRKMAN			8
MTRMAN			8
FIREMAN			8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

FORM 37-4 PRINTED IN U.S.A. — APPROVED — APPROVED

A.A.O.D.C--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

APPROVED — APPROVED

Nº 6278

DAILY DRILLING REPORT — REPORT NO. 3[illegible]

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Ladubono Oil Co	Ladubono C I G Nicolet #1			Nicolet	Quebec

CONTRACTOR: ~~NORTH AMERICAN DRILLING COMPANY~~ Union Rotary Drillers Can Ltd — RIG NO. 4

DRILL PIPE STRING: NO. / SIZE — TOOL JOINT O.D. — TYPE THD.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: The W. [illegible]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	150B	12
2.			
3.			

LAST CASING, TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9⅝			7			236	

TIME DISTRIBUTION — HOURS

	MORN	DAY	EVE
RIG 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		8	
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS		8	

TIME SUMMARY (OFFICE USE ONLY): DAY WORK / HRS. W/DP / HRS. WO/DP / 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 / NO. OF DAYS FROM SPUD / CUMULATIVE ROTATING HRS.

MORNING TOUR

DRILLING ASSEMBLY (AT END OF TOUR): STANDS D.P. / SINGLES D.P. / D.C. / STB. / BODY / RMR. / SUBS / BIT OR C.B. / KELLY DOWN / TOTAL / WT. OF STRING — (no entries)

BIT RECORD: BIT NO. / SIZE / MFG. / TYPE / NOZZLE / SER. NO. / DEPTH OUT / DEPTH IN / TOTAL FTG. / TOTAL HR. RUN / COND. OF BIT / REAMER NO. / REAMER TYPE — (no entries)

MUD RECORD

TIME	5.30	6.15	7.30
WEIGHT	9.5	10.1	10
VISC.–SEC			
W.L.–C.C.			
FLTR. CK.			
PH			
SD. CONT. % (salt)	324,000	237,700	
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Salt	35		

DRILLER: A Cleveland

FOOTAGE: FROM 4109 TO —

PUMP NO. LINER SIZE: 7¼

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	4.00	4	Change Liners in Mud Pump 5½ To 7¼
4.00	8.00	4	Conditioning Mud & Blowing Well
			Working Drill pipe:

DAY TOUR

MUD RECORD

TIME	8:30
WEIGHT	10
SD. CONT. %	230,000 PPM

FOOTAGE: FROM 4109

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	4:00	8	Conditioning Mud: Blowing Well.
			Worked pipe 30' through [illegible] Drill pipe [illegible]:

DRILLER: Ben Benson — [illegible] [illegible] [illegible] — [illegible] [illegible] [illegible]:

EVENING TOUR

MUD RECORD

TIME	9:00
WEIGHT	10
VISC.–SEC	26
SD. CONT. %	[illegible] PPM

FOOTAGE: FROM 4109

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	12:00	8	Repair Long Clutch. Installed [illegible]
			Repair [illegible] [illegible] on [illegible] [illegible]
			Clutch.
			Install Pump to transfer [illegible] from one tank
			to [illegible]. Rigging up the pump [illegible] from
			Pit to tank.
			Working Drill Pipe every [illegible]

DRILLER: H De Grow

DRILLING CREW PAYROLL DATA

DATE: July 25 1963 — Nº 6278

WELL NAME & NO.: Ladubono C I G Nicolet #1

COMPANY: Ladubono Oil Co

TOOL PUSHER: — RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm H. S. Hall	8
FIREMAN		Willy Arsault	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		Ben Benson	8
DRKMAN		L. L. [illegible]	8
MTRMAN		J. Crowther	8
FIREMAN		J. Lamoney	8
FLRMAN			
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		H De Grow	8
DRKMAN		P Quillen	8
MTRMAN		J Hubbard	8
FIREMAN		J. Lemieux	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

№ 6277

DAILY DRILLING REPORT

REPORT NO. 2?

OPERATOR	Ladubora Oil Co
LEASE	Ladubora O. & G. Nicolet # 1
WELL NO.	
FIELD OR DIST.	
COUNTY	Nicolet
STATE	Quebec
CONTRACTOR	~~NORTH AMERICAN DRILLING COMPANY~~ Canadian Rotary Drillers Co. Ltd
RIG NO.	4
SIGNATURE OF OPERATOR'S REPRESENTATIVE	[signature]
SIGNATURE OF CONTRACTOR'S TOOL PUSHER	

DRILL PIPE STRING NO.	SIZE	TOOL JOINT O.D.	TYPE THD.

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	150 B	12
2.			
3.			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	KEL. TO CSG. HD.	SET AT	REMARKS
9 5/8			7			236	

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	5		
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG	1/4		
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 Work Pipe 2 3/4		8	
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK	
HRS. W/DP	
HRS. WO/DP	
HRS. STANDBY	
TOTAL DAY WORK	

WIRE LINE RECORD

REEL NO.	
NO. OF LINES / SIZE	
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	FT.
	STANDS D.P.	3792
	SINGLES D.P.	
12	D.C. I.D. 6 3/4 O.D.	305
	D.C. I.D. O.D.	
	STB. BODY O.D.	
	STB. BODY O.D.	
	RMR. BODY O.D.	
	SUBS O.D.	
	BIT OR C.B.	
	KELLY DOWN	12
	TOTAL	4109
	WT. OF STRING	82,5?? LBS.

BIT RECORD

BIT NO.	14
SIZE	8 3/4
MFG.	HTC
TYPE	OSC 3
NOZZLE NO.	4 4
NOZZLE SIZE	3/4 3/4
SER. NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	3 00
WEIGHT	10 –
VISC.–SEC	39
W.L.–C.C.	
FLTR. CK.	
PH	
SD. CONT. %	214,500
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT. —

DRILLER A Cleveland

FOOTAGE FROM	TO	DR–D RM–R CORE–C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
4101	4109	D		Sand								

DEVIATION RECORD: DEPTH / DEV. / DIRECTION —

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12 00	2 00	2	Drly.
2 00	2 15	1/4	Conn. Check Rig
2 15	5 15	3	Drly.
5 15	8 00	2 3/4	Working Gas Out of Mud
			Working Pipe Through Hydrill.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR: STANDS D.P. / SINGLES D.P. / D.C. / STB. / RMR. / SUBS / BIT OR C.B. / KELLY DOWN / TOTAL / WT. OF STRING —

BIT RECORD: —

MUD RECORD: —

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Salt	12		

DRILLER Ben Benson

FOOTAGE / FORMATION: —

DEVIATION RECORD: —

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	4:00	8	Blowing Down Gas:
			Pumping To Kill Well:
			Conditioning Mud:
			Working Pipe Through Hi-Drill.

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR: —

BIT RECORD: —

MUD RECORD

TIME	9:00	9:30	11.00
WEIGHT	9.5	10 –	10.1#
VISC.–SEC	33	33	33
W.L.–C.C.			
FLTR. CK			
PH			
SD. CONT. %	191 PPM		
PRESSURE GRADIENT	235000 PPM		

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Salt	166 sk		
Barite	280 sk		

DRILLER H De Graw

FOOTAGE FROM	TO	DR–D RM–R CORE–C	CORE NO.	FORMATION (SHOW CORE RECOVERY)
4009				

DEVIATION RECORD: —

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	12:00	8	Mixing Mud & Salt
			Blowing down Well
			Working pipe through Hi-drill:

DRILLING CREW PAYROLL DATA

№ 6277

DATE July 24 1963

WELL NAME & NO. Ladubora O. & G. Nicolet # 1

COMPANY Ladubora Oil Co

TOOL PUSHER

RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm H Siddall	8
FIREMAN		Webby Rheault	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		Ben Benson	8
DRKMAN		L. J. Thomas	8
MTRMAN		J. Quellet	8
FIREMAN		J. Laundry	8
FLRMAN			
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		H. De Graw	8
DRKMAN		R. Guillet	8
MTRMAN		J. Hubbard	8
FIREMAN		J. L. Leamire	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

№ 900

DAILY DRILLING REPORT

REPORT NO. 28 DATE 7-23-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Tideboro Oil Co	Tideboro C & G Herbert #1			Herbert	[illegible]

CONTRACTOR	RIG NO.	DRILL PIPE STRING NO.	SIZE	TOOL JOINT O.D.	TYPE THD.
NORTH AMERICAN DRILLING COMPANY Carson Rotary Drillers Box 188	4				

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

PUMPS NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	150 B	12
2.			
3.			

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
	9 5/8			7			236	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR		
STANDS D.P.	3721	FT.
SINGLES D.P.		FT.
12 D.C. I.D. O.D. 6 3/4	305	FT.
D.C. I.D. O.D.		FT.
STB. BODY O.D.		FT.
STB. BODY O.D.		FT.
RMR. BODY O.D.		FT.
SUBS O.D.		FT.
BIT OR C.B.		FT.
		FT.
KELLY DOWN	14	FT.
TOTAL	4050	FT.
WT. OF STRING	87,000	LBS.

BIT RECORD	
BIT NO.	14
SIZE	8 3/4
MFG.	HTC.
TYPE	R S 1 J
NOZZLE NO.	3 1
NOZZLE SIZE	3/4 7/8
SER. NO.	27932
DEPTH OUT	
DEPTH IN	4022
TOTAL FTG.	
TOTAL HR. RUN	7
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD	
TIME	4 00
WEIGHT	10.1
VISC.—SEC	40
W.L.—C.C.	
FLTR. CK.	
PH	
SD. CONT. %	201,500
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED — TYPE / AMT. / TYPE / AMT.

DRILLER: A Cleveland

FOOTAGE FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN SGL.-S PAR'EL-P CON'D-C
4022	4050	D		Sand + Lime	40	30	700	5 1/2	64			S

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	12.30	1/2	Finish in Hole
12.30	12.45	1/4	Pump Screen-Check Rig
12.45	8.00	7 1/4	Drlg. + Conn

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR		
STANDS D.P.		FT.
SINGLES D.P.		FT.
12 D.C. I.D. O.D. 6 3/4	305	FT.
D.C. I.D. O.D.		FT.
STB. BODY O.D.		FT.
STB. BODY O.D.		FT.
RMR. BODY O.D.		FT.
SUBS O.D.		FT.
BIT OR C.B.		FT.
		FT.
KELLY DOWN		FT.
TOTAL		FT.
WT. OF STRING	82,000	LBS.

BIT RECORD	
BIT NO.	# 14
SIZE	8 3/4
MFG.	H.T.C.
TYPE	R S 1 J
NOZZLE NO.	3
NOZZLE SIZE	3/4 7/8
SER. NO.	27932
DEPTH OUT	
DEPTH IN	4022
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD	
TIME	9:00
WEIGHT	10.1
VISC.—SEC	40
W.L.—C.C.	
FLTR. CK.	2/32
PH	
SD. CONT. %	200,000 PPM
PRESSURE GRADIENT	
	Overline oil

MUD & CHEMICALS ADDED — TYPE / AMT.: Salt : 70

DRILLER: Ben Benson

FORMATION Bit # 14

FOOTAGE FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN SGL.-S PAR'EL-P CON'D-C
4050	4080	D		Sand.	40	30	700	5 1/2	64			S

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	9:15	1 1/4	Drilling:
9:15	9:30	1/2	Service: Check Rig: Jet Pits:
9:30	4:00	6 1/4	Drilling:

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR		
STANDS D.P.	3761	FT.
SINGLES D.P.		FT.
D.C. I.D. O.D.		FT.
12 D.C. 6 3/4 I.D. O.D.	305	FT.
STB. BODY O.D.		FT.
STB. BODY O.D.		FT.
RMR. BODY O.D.		FT.
SUBS O.D.		FT.
BIT OR C.B.		FT.
		FT.
KELLY DOWN	31	FT.
TOTAL	4101	FT.
WT. OF STRING	87,000	LBS.

BIT RECORD	
BIT NO.	14
SIZE	8 3/4
MFG.	H.T.C.
TYPE	RS1J
NOZZLE NO.	2 1
NOZZLE SIZE	5/8 3/4
SER. NO.	27932
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD	
TIME	4:30
WEIGHT	9.7
VISC.—SEC	40
W.L.—C.C.	7
FLTR. CK.	2/32
PH	220,000 PPM
SD. CONT. %	
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED — TYPE / AMT. / TYPE / AMT.

DRILLER: H De Grow

FOOTAGE FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN SGL.-S PAR'EL-P CON'D-C
4080	4101			Sand	40	30	700	5 1/2	64			

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	5:00	1	Drlg
5:00	5:15	1/4	Rep. Pump
5:15	12:00	6 3/4	Drlg

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	7 1/4	7 1/2	7 3/4
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS	1/2		
LUBRICATE RIG	1/4	1/4	1/4
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		1/4	
FISHING			
COMPLETION WORK A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			

WIRE LINE RECORD

REEL NO.	
NO. OF LINES	8 SIZE 1"
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

DRILLING CREW PAYROLL DATA

DATE July 23-1963 № 900

WELL NAME & NO. Tideboro C & G Herbert #1

COMPANY Tideboro Oil Co

TOOL PUSHER ______ RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm H Siddall	8
FIREMAN		Wally Rhenalt	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		Ben Benson	8
DRKMAN		L.E. Thomas	8
MTRMAN		J. Guillot	8
FIREMAN		J. Landry	8
FLRMAN			
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		H De Grow	8
DRKMAN		R Guillot	8
MTRMAN		J Hubbard	8
FIREMAN		J L Lemaire	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ______ SINCE LAST LOST TIME ACCIDENT

Nº 899

DAILY DRILLING REPORT

REPORT NO. 27

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Lidubaro Oil Co	Lidubaro O & G Nicolet # 1			Nicolet	Quebec

CONTRACTOR: NORTH AMERICAN DRILLING COMPANY — Union Rotary Drillers Inc. Ltd.

RIG NO. 4

DRILL PIPE STRING: NO. / SIZE — TOOL JOINT — O.D. — TYPE THD.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	150B	12
2.			
3.			

LAST CASING TUBING OR LINER: SIZE | MAKE | WT. & GR. | NO. JOINTS | FEET | RKB. TO CSG. HD. | SET AT | REMARKS

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS		4½	
LUBRICATE RIG		¼	
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	8	8	
OTHER		3¼	
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	

TIME SUMMARY (OFFICE USE ONLY): DAY WORK — HRS. W/DP — HRS. WO/DP — HRS. STANDBY — TOTAL DAY WORK

WIRE LINE RECORD: REEL NO. — NO. OF LINES — SIZE — FEET SLIPPED — FEET CUT OFF — PRESENT LENGTH — TON MI. OR TRIPS SINCE LAST CUT — CUMULATIVE TON MI. OR TRIPS — NO. OF DAYS FROM SPUD — CUMULATIVE ROTATING HRS.

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR — BIT RECORD — MUD RECORD (no entries)

FOOTAGE: FROM 4022 TO —

DEVIATION RECORD: DEPTH | DEV. | DIRECTION (no entries)

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	1:30	1½	Run in Test Tool
1:30	3:15	1¾	Testing.
3:15	7:00	3¾	Pulling D.S.T. #1 1660' Drilling Mud. No Test
			Breaking Down Test Tool
7:00	8:00	1	Cleaning Tools - Picking up Tools.
			DST No. 1 from 3950 to 4022

DRILLER:

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR — BIT RECORD — MUD RECORD (no entries)

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS — Grease & Check Rig:
8:00	11:30	3½	Round Trip @ 4022 to Test; No Test (Packer).
11:30	2:15	3¼	Check Tool add Packer (Changed Packer Seat;
2:15	4:00	1¾	Run in Hole Ready to Test.
			DST No. 1A from 3955 to 4022

DRILLER: Ben Benson

EVENING TOUR

BIT RECORD: BIT NO. 14 — SIZE 9⅞ — MFG. HTC — TYPE RCIT

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	7:30	3½	DST #1A Packer Set @ 3945'
7:30	9:00	1½	Pull out Hole
9:00	10:15	1¼	Breaking down & laying down test tool,
10:15	12:00	1¾	Going in Hole

DRILLER:

DRILLING CREW PAYROLL DATA

DATE: July 22 1963 — Nº 899

WELL NAME & NO.: Lidubaro O & G Nicolet #1

COMPANY: Lidubaro Oil Co

TOOL PUSHER: — RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		H. Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm H. Siddall	8
FIREMAN		Wellby Rheault	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		Ben Benson	8
DRKMAN		L. F. Thomas	8
MTRMAN		J. Ouellet	8
FIREMAN		J. Landry	8
FLRMAN			
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		H. DeGrace	8
DRKMAN		P. [illegible]	8
MTRMAN		J. Millard	8
FIREMAN		J. F. Fournier	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

FORM 3T-4 PRINTED IN U.S.A. — APPROVED — APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

APPROVED — APPROVED

Nº 898

DAILY DRILLING REPORT REPORT NO. 26 DATE 7-21-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Laduboro Oil Co	Laduboro O & G Nicolet #1			Nicolet	Quebec

CONTRACTOR	RIG NO.	DRILL PIPE STRING (NO. / SIZE)	TOOL JOINT O.D. / TYPE THD.
~~NORTH AMERICAN DRILLING COMPANY~~ Union Rotary Drillers Can Ltd	4		

SIGNATURE OF OPERATOR'S REPRESENTATIVE: Tho. W. Fink

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	1500	12
2.			
3.			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9 5/8			7			236	

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING	5 1/4	6 3/4	
CONDITIONING MUD & CIRCULATING		3/4	
TRIPS	2 3/4		
LUBRICATE RIG		1/2	
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. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			

WIRE LINE RECORD

REEL NO.	
NO. OF LINES	8 SIZE 1
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	FT.
	STANDS D.P.	3799
	SINGLES D.P.	
9	D.C. I.D. O.D.	160
	D.C. I.D. O.D.	
	STB. BODY O.D.	
	STB. BODY O.D.	
	RMR. BODY O.D.	
	SUBS O.D.	
	BIT OR C.B.	
	KELLY DOWN	32
	TOTAL	3991
	WT. OF STRING	74 000 LBS.

BIT RECORD

BIT NO.	13 - Re-Run
SIZE	8 3/4
MFG.	HTC
TYPE	RG1J
NOZZLE NO.	3
NOZZLE SIZE	3/8
SER. NO.	43144
DEPTH OUT	
DEPTH IN	3917
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	4 00
WEIGHT	10
VISC.—SEC	39
W.L.—C.C.	
FLTR. CK.	
PH	
SD. CONT. %	192 000
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT. —

DRILLER: A. Cleveland

FOOTAGE FROM	TO	DR.—D RM.—R CORE—C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
3925	3991	R		Reaming Sandstone	75	15	700	5 1/2				

DEVIATION RECORD: DEPTH / DEV. / DIRECTION —

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12 00	2 45	2 3/4	1/2 trip in Hole To Ream.
2 45	8 00	5 1/4	Reaming Core Hole to 8 3/4

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	FT.
	STANDS D.P.	
	SINGLES D.P.	
9	D.C. I.D. O.D. 6 1/4	160
	D.C. I.D. O.D.	
	STB. BODY O.D.	
	STB. BODY O.D.	
	RMR. BODY O.D.	
	SUBS O.D.	
	BIT OR C.B.	
	KELLY DOWN	
	TOTAL	4020
	WT. OF STRING	74 000 LBS.

BIT RECORD

BIT NO.	Re Run #13
SIZE	8 3/4
MFG.	HTC
TYPE	RG1J
NOZZLE NO.	3
NOZZLE SIZE	3/8
SER. NO.	43644
DEPTH OUT	
DEPTH IN	3917
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	9:00	3:00
WEIGHT	9.8	9.8
VISC.—SEC	39	41
W.L.—C.C.	65 cc	
FLTR. CK.	4/32	
PH		
SD. CONT. %	Salt 192 000	
PRESSURE GRADIENT		

3:00 - Salt 214 000

MUD & CHEMICALS ADDED: Salt - 25; Soda Ash - 12

DRILLER: Ben Benson

FOOTAGE FROM	TO	DR.—D RM.—R CORE—C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
3991	4020	R.		Reaming Hole 8 3/4	45	15	700	5 1/2	60			S

DEVIATION RECORD: DEPTH / DEV. / DIRECTION —

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	10:00	2	Reaming Core Hole:
10:00	10:30	1/2	Grease & Check Rig: Swivel Repair:
10:30	11:45	1 1/4	Reaming:
11:45	12:30	3/4	Jet & Clean Pits: Condition Mud:
12:30	4:00	3 1/2	Reaming: Conditioning Mud:

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	FT.
	STANDS D.P.	
	SINGLES D.P.	
	D.C. I.D. O.D.	
	D.C. I.D. O.D.	
	STB. BODY O.D.	
	STB. BODY O.D.	
	RMR. BODY O.D.	
	SUBS O.D.	
	BIT OR C.B.	
	KELLY DOWN	
	TOTAL	
	WT. OF STRING	LBS.

BIT RECORD

BIT NO.	Rerun 13
SIZE	8 3/4
MFG.	HTC
TYPE	RG1J
NOZZLE NO.	3
NOZZLE SIZE	3/8
SER. NO.	43644
DEPTH OUT	
DEPTH IN	3917
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	9:00
WEIGHT	9.8
VISC.—SEC	41
W.L.—C.C.	
FLTR. CK	
PH	
SD. CONT. %	214 000
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT. —

DRILLER: H. De Grace

FOOTAGE FROM	TO	DR.—D RM.—R CORE—C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
4020	4022			Reaming to 8 3/4	45	15	700	5 1/2	60			

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	4000	5 1/2							

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:40	40	Reaming Core Hole
4:40	6:10	1 1/2	Circ & Mixing Mud
6:10	7:20	1/2	Run Slope test 40 min Circ:
7:20	7:50	1 1/2	1/2 trip out of hole to test
9:50	11:30	2	Making up & Picking up test tool
11:30	12:00	1/2	Going in Hole

DRILLING CREW PAYROLL DATA

Nº 898

DATE July 21 1963

WELL NAME & NO. Laduboro O & G Nicolet #1

COMPANY Laduboro Oil Co

TOOL PUSHER ____ RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		H. Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm H. Siddall	8
FIREMAN		Willy Rheault	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		Ben Benson	8
DRKMAN		L. F. Thomas	8
MTRMAN		J. Ouellet	8
FIREMAN		J. Landry	8
FLRMAN			
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		H. De Grace	8
DRKMAN		G. Ouellet	8
MTRMAN		J. Hubbard	8
FIREMAN		H. Lemire	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

FORM ST-4 PRINTED IN U.S.A. APPROVED APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

APPROVED APPROVED

№ 897

DAILY DRILLING REPORT

REPORT NO. 25 DATE 7-20-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Ladubaro Oil Co	Ladubaro (I.B.) Yamaska #1			Yamaska	Quebec

CONTRACTOR	RIG NO.	DRILL PIPE STRING NO.	SIZE	TOOL JOINT O.D.	TYPE THD.
NORTH AMERICAN DRILLING COMPANY Union Rotary Drillers Co. Ltd.	4				

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [illegible signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	1300	12
2.			
3.			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9 5/8			7			236	

TIME DISTRIBUTION—HOURS

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

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			

WIRE LINE RECORD

REEL NO.	
NO. OF LINES	8 SIZE 1"
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

STANDS D.P.	3784 FT.
SINGLES D.P.	FT.
D.C. I.D. O.D.	FT.
9 D.C. I.D. 6 3/4 O.D.	160 FT.
STB. BODY O.D.	FT.
STB. BODY O.D.	FT.
RMR. BODY O.D.	FT.
SUBS O.D.	FT.
BIT OR C.B.	54 FT.
KELLY DOWN	34 FT.
TOTAL	3972 FT.
WT. OF STRING	74,000 LBS.

BIT RECORD

BIT NO.	A
SIZE	6 1/4
MFG.	Cook
TYPE	[illegible]
NOZZLE NO. / SIZE	
SER. NO.	4652
DEPTH OUT	
DEPTH IN	3975
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	2:30
WEIGHT	10.1
VISC.-SEC	40
W.L.-C.C.	
FLTR. CK.	
PH	
SD. CONT. %	[illegible] 310 [illegible]
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT. —

DRILLER: A. Cleveland

FOOTAGE

FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
3975	3992	C	#1									

DEVIATION RECORD: DEPTH / DEV. / DIRECTION —

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	1/4	Check Rig - Circulate
12:15	8:00	7 3/4	Core #1

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

STANDS D.P.	FT.
SINGLES D.P.	FT.
D.C. I.D. O.D.	FT.
9 D.C. I.D. 6 3/4 O.D.	160 FT.
STB. BODY O.D.	FT.
STB. BODY O.D.	FT.
RMR. BODY O.D.	FT.
SUBS O.D.	FT.
BIT OR C.B.	FT.
KELLY DOWN	FT.
TOTAL	4013 FT.
WT. OF STRING	74,000 LBS.

BIT RECORD

BIT NO.	A
SIZE	6 1/4
MFG.	Cook
TYPE	Diad
NOZZLE NO. / SIZE	
SER. NO.	4652
DEPTH OUT	
DEPTH IN	3975
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	9:00
WEIGHT	9.8
VISC.-SEC	40
W.L.-C.C.	
FLTR. CK.	
PH	
SD. CONT. %	[illegible]
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT. —

DRILLER: Ben Benson

FOOTAGE

FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
3992	4013	C	#1		70	16	800	5 1/2	52			S

DEVIATION RECORD: DEPTH / DEV. / DIRECTION —

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
			GREASE & CHECK RIG:
8:00	4:00	8	Core #1

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

STANDS D.P.	FT.
SINGLES D.P.	FT.
D.C. I.D. O.D.	FT.
D.C. I.D. O.D.	FT.
STB. BODY O.D.	FT.
STB. BODY O.D.	FT.
RMR. BODY O.D.	FT.
SUBS O.D.	FT.
BIT OR C.B.	FT.
KELLY DOWN	FT.
TOTAL	FT.
WT. OF STRING	LBS.

BIT RECORD

BIT NO.	A
SIZE	6 1/4
MFG.	Cook
TYPE	[illegible]
NOZZLE NO. / SIZE	
SER. NO.	4652
DEPTH OUT	
DEPTH IN	3975
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	5:00
WEIGHT	9.7
VISC.-SEC	40
W.L.-C.C.	7.0 cc
FLTR. CK.	2/32
PH	
SD. CONT. %	
PRESSURE GRADIENT	

[illegible] 310,000 PPM

MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT. —

DRILLER: H. De Graw

FOOTAGE

FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
4013	4022	C		Core #1	70	16	800	5 1/2	52			

DEVIATION RECORD: DEPTH / DEV. / DIRECTION —

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	8:00	4	Core #1.
8:00	9:45	1 3/4	Pulling out of hole Core #1, 4
9:45	11:00	1 1/4	Opened [illegible] Core 44' Recovery of 47' Cut
11:00	12:00	1	Breaking Down & laying down Core Barrell

DRILLING CREW PAYROLL DATA

№ 897

DATE: July 20 1963

WELL NAME & NO.: Ladubaro (I.B.) Yamaska #1

COMPANY: Ladubaro Oil Co

TOOL PUSHER: ______ RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A. Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm H. Siddall	8
FIREMAN		Wesley Rheault	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		Ben Benson	8
DRKMAN		L.E. Thomas	8
MTRMAN		J. Guillon	8
FIREMAN		J. Landry	8
FLRMAN			
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		H. De Graw	8
DRKMAN		R. Guillon	8
MTRMAN		J. Holland	8
FIREMAN		L. Leonard	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ______ SINCE LAST LOST TIME ACCIDENT

№ 896

DAILY DRILLING REPORT

REPORT NO. 24 DATE 7-19-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Tidewater Oil Co	Tidewater (I.S.) Nicolet #1			Nicolet	Louisiana

CONTRACTOR: NORTH AMERICAN DRILLING COMPANY — RIG NO. 4

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [illegible]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

DRILL PIPE STRING: NO. / SIZE — TOOL JOINT: TYPE THD. / O.D.

PUMPS NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	1500	12
2.			
3.			

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	REG. TO CSG. HD.	SET AT	REMARKS
	9⅝			7			236	

TIME DISTRIBUTION HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	8	¼	
REAMING			
CONDITIONING MUD & CIRCULATING		½	
TRIPS		3¾	7½
LUBRICATE RIG			
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE		2	
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT ORDERS		2	
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	

TIME SUMMARY (OFFICE USE ONLY): DAY WORK / HRS. W/DP / HRS. WO/DP / HRS. STANDBY / TOTAL DAY WORK

WIRE LINE RECORD

REEL NO. / NO. OF LINES / SIZE / FEET SLIPPED / FEET CUT OFF / PRESENT LENGTH / TON MI. OR TRIPS SINCE LAST CUT / CUMULATIVE TON MI. OR TRIPS / NO. OF DAYS FROM SPUD / CUMULATIVE ROTATING HRS.

MORNING TOUR

DRILLING ASSEMBLY (AT END OF TOUR)		BIT RECORD		MUD RECORD	
STANDS D.P.	3552 FT.	BIT NO.	13	TIME	1:30
SINGLES D.P.		SIZE	8¾	WEIGHT	10.1
15 D.C. 6¼ O.D.	363 FT.	MFG.	HTC	VISC.—SEC	40
D.C. I.D. O.D.		TYPE	RDB	W.L.—C.C.	
STB. BODY O.D.		NOZZLE NO.	3	FLTR. CK.	
STB. BODY O.D.		NOZZLE SIZE	⅜	PH	
RMR. BODY O.D.		SER. NO.	43644	SD. CONT. %	
SUBS O.D.		DEPTH OUT		PRESSURE GRADIENT	
BIT OR C.B.		DEPTH IN	3917		
		TOTAL FTG.			
KELLY DOWN	28 FT.	TOTAL HR. RUN			
TOTAL	3973 FT.	COND. OF BIT			
WT. OF STRING	83,000 LBS.	REAMER NO. / REAMER TYPE		DRILLER	A Cleveland

FOOTAGE FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
3946	3973	D		Sand & Lime	40	30	1000	5½	52	

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	8:00	8	Drlg

DAY TOUR

DRILLING ASSEMBLY (AT END OF TOUR)		BIT RECORD		MUD RECORD	
STANDS D.P.		BIT NO.	#13	TIME	9:00
SINGLES D.P.		SIZE	8¾	WEIGHT	10.1
15 D.C. 6¼ O.D.	363 FT.	MFG.	HTC	VISC.—SEC	39
D.C. I.D. O.D.		TYPE	RG-1-T	W.L.—C.C.	
		NOZZLE NO.	3	FLTR. CK.	
		NOZZLE SIZE	⅜	PH	
		SER. NO.	43644	SD. CONT. %	Salt 200,000
		DEPTH OUT		PRESSURE GRADIENT	
		DEPTH IN	3917	ADDING WATER	
KELLY DOWN		TOTAL FTG.		MUD & CHEMICALS ADDED	Salt — 20
TOTAL	3975 FT.	TOTAL HR. RUN			
WT. OF STRING	83,000 LBS.	COND. OF BIT / REAMER NO. / REAMER TYPE		DRILLER	Ben Benson

FOOTAGE FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
3973	3975	D		Sand & Lime	40	30	1000	5½	52	5

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼	Drilling:
8:15	10:15	2	Grease & Check Rig: Jet: Mixing Salt: Waiting on Orders:
10:15	12:00	1¾	Trip out @ 3975 for Junk Basket:
12:00	1:30	1½	Slip & Cut Drilling Line:
1:30	3:30	2	Trip in @ 3975:
3:30	4:00	½	Cir cut with Junk Basket:

EVENING TOUR

DRILLING ASSEMBLY (AT END OF TOUR)		BIT RECORD		MUD RECORD	
STANDS D.P.		BIT NO.	14	TIME	4:10
SINGLES D.P.		SIZE	6¼	WEIGHT	10.
		MFG.	[illegible]	VISC.—SEC	39
		TYPE	[illegible]	W.L.—C.C.	[illegible]
		NOZZLE		FLTR. CK	[illegible]
		SER. NO.	[illegible]	SD. CONT. %	[illegible] 200 PPM
		DEPTH OUT		PRESSURE GRADIENT	
		DEPTH IN	3975		
KELLY DOWN		TOTAL FTG. / TOTAL HR. RUN / COND. OF BIT			
TOTAL		REAMER NO. / REAMER TYPE		DRILLER	H. DeGraw

FOOTAGE FROM	TO
3975	

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:30	½	Cir Bottom of Hole with [illegible]
4:30	12:00	7½	Tripping [illegible] Pipe [illegible] [illegible] all joints [illegible]

Pipe tally 3975
Pipe [illegible] 3974.52

Drill collar 23,000

DRILLING CREW PAYROLL DATA

№ 896

DATE July 19 1963 — WELL NAME & NO. Tidewater (I.S.) Nicolet #1 — COMPANY Tidewater Oil Co. — TOOL PUSHER — RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A Cleveland	8
DRKMAN		Jim Sanders	8
MTRMAN		W. H. Siddall	8
FIREMAN		Welby Rhenault	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		Ben Benson:	8
DRKMAN		L.E. Williams:	8
MTRMAN		J. Guillen:	8
FIREMAN		J. Landry:	8
FLRMAN			
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		H. DeGraw	8
DRKMAN		[illegible]	8
MTRMAN		[illegible]	8
FIREMAN		[illegible]	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

№ 895

DAILY DRILLING REPORT

REPORT NO. 23 DATE 7-18-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Laduboro Oil Co	Laduboro C J G Nicolet #1			Nicolet	Quebec

CONTRACTOR	RIG NO.
NORTH AMERICAN DRILLING COMPANY (struck through) Union Rotary Drillers Corp Ltd	4

SIGNATURE OF OPERATOR'S REPRESENTATIVE: Thos. W. F[illegible]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

DRILL PIPE STRING: NO. / SIZE — TOOL JOINT: O.D. / TYPE THD.

PUMPS NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	150B	12
2.			
3.			

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
	9⅝			7			236	

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	6¾	3/4	7½
REAMING			
CONDITIONING MUD & CIRCULATING	¾		
TRIPS		3¼	
LUBRICATE RIG		¼	10
DEVIATION SURVEY	½		
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG		2	
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST		1¼	
OTHER		1¼	
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY): DAY WORK / HRS. W/DP / HRS. WO/DP / HRS. STANDBY / TOTAL DAY WORK

WIRE LINE RECORD: REEL NO. / NO. OF LINES 8 SIZE 1" / FEET SLIPPED / FEET CUT OFF / PRESENT LENGTH / TON MI. OR TRIPS SINCE LAST CUT / CUMULATIVE TON MI. OR TRIPS / NO. OF DAYS FROM SPUD / CUMULATIVE ROTATING HRS.

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
STANDS D.P.	3492 FT.	BIT NO.	12	TIME	1:30
SINGLES D.P.		SIZE	8¾	WEIGHT	10.1
D.C. 15, O.D. 6¾	383 FT.	MFG.	H.C.	VISC.—SEC	38
		TYPE	R.R.J	W.L.—C.C.	
		NOZZLE NO.	3	FLTR. CK.	
		NOZZLE SIZE	3/8	PH	
		SER. NO.	43757	SD. CONT. %	
		DEPTH OUT		PRESSURE GRADIENT	
		DEPTH IN	3710		
		TOTAL FTG.			
KELLY DOWN	40 FT.	TOTAL HR. RUN	61½		
TOTAL	3915 FT.	COND. OF BIT			
WT. OF STRING	87,000 LBS.	REAMER NO. / REAMER TYPE			

DRILLER: H. Cleveland

FOOTAGE FROM	TO	DR–D RM–R CORE–C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	LINER SIZE	S.P.M.
3888	3915	D		Sand & Lime	40	30	1000	5½	56

DEVIATION RECORD: DEPTH 3850, DEV. 6°

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	6.30	6½	Drly.
6.30	7.15	¾	Mix
7.15	7.45	½	Slope Test
7.45	8.00	¼	Drly

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
STANDS D.P.		BIT NO.	#12 #13	TIME	
SINGLES D.P.		SIZE	8¾	WEIGHT	
D.C. 15, O.D. 6¾	383 FT.	MFG.	H.C.	VISC.—SEC	
		TYPE	R.R.J	W.L.—C.C.	
		NOZZLE	3/8	FLTR. CK.	
		SER. NO.	43757 43644		
		DEPTH OUT	3917		
		DEPTH IN	3710 3917		
		TOTAL FTG.	207		
KELLY DOWN		TOTAL HR. RUN	61½		
TOTAL	3917 FT.	COND. OF BIT	Locked		
WT. OF STRING	87,000 LBS.	REAMER NO. / REAMER TYPE			

DRILLER: Ben Benson

FOOTAGE FROM	TO	DR–D RM–R CORE–C	FORMATION	ROTARY RPM	WT. ON BIT	PUMP PRESS	LINER SIZE	S.P.M.	METHOD RUN
3915	3917	D	Sand & Lime	40	30	1000	5½	56	S

DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS: Changed & Check Rig:

TIME LOG FROM	TO	ELAPSED TIME	DETAILS
8:00	8:45	¾	Drilling:
8:45	10:15	1½	Trip for Bit 3917 - out:
10:15	11:30	1¼	Jet Pits Cleaned & Pumped out Suction Pit:
11:30	1:30	2	New Wash Pipe & Packing in Swivel:
1:30	3:15	1¾	Trip in:
3:15			Packed Pump Glands: Through Pump Valves
	4:00	¾	Wearing out Plugged Bit:
			Changed Oil[illegible]

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
STANDS D.P.	3592 FT.	BIT NO.	13	TIME	4.45 / 10:00
SINGLES D.P.		SIZE	8¾	WEIGHT	10.2 / 10
D.C. 15, O.D. 6¾	383 FT.	MFG.	H.C.	VISC.—SEC	40 / 40
		TYPE	R.R.J	W.L.—C.C.	100 / 100
		NOZZLE		FLTR. CK.	2/32
		SER. NO.	43644		
		DEPTH IN	3917		
TOTAL	3946 FT.				
WT. OF STRING	92,000 LBS.				

MUD & CHEMICALS ADDED: Ambal P.R.

DRILLER: H. DeGraw

FOOTAGE FROM	TO	FORMATION	ROTARY RPM	WT. ON BIT	PUMP PRESS	LINER SIZE	S.P.M.	METHOD RUN
3917	3946		40	30	1000	5½	60	S

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:10	10	Check Rig & Pump
4:10	11:10	7	Drly
11:10	11:20	10	Pump & Circ
11:20	12:00	40	Drly

DRILLING CREW PAYROLL DATA

DATE July 18-1963 № 895

WELL NAME & NO. Laduboro C J G Nicolet #1

COMPANY Laduboro Oil Co

TOOL PUSHER ______ RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		H Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm H Siddall	8
FIREMAN		Willy Rheault	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		Ben Benson	8
DRKMAN		L. [illegible]	8
MTRMAN		J. Cuellar	8
FIREMAN		J. Lowery	8
FLRMAN			
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		H. DeGraw	8
DRKMAN		P. Juillard	8
MTRMAN		J. Hubbard	8
FIREMAN		L. Lemere	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ______ SINCE LAST LOST TIME ACCIDENT

№ 894

DAILY DRILLING REPORT REPORT NO. 22 DATE 7-17-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Ludaboro Oil Co	Ludaboro O.&G. Nicolet #1			Nicolet	Quebec

CONTRACTOR	RIG NO.	DRILL PIPE STRING NO.	SIZE	TOOL JOINT O.D.	TYPE THD.
NORTH AMERICAN DRILLING COMPANY Union Rotary Drillers Co. Ltd.	4				

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	1503	12
2.			
3.			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9 5/8			7			236	

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	7 1/4	5 3/4	6 3/4
REAMING			
CONDITIONING MUD & CIRCULATING	1/2		
TRIPS			
LUBRICATE RIG	1/4	1/4	1/4
DEVIATION SURVEY			
TEST B.O.P.		1/4	
CUT OFF DRILLING LINE			
REPAIR RIG		1 3/4	
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK	
HRS. W/DP	
HRS. WO/DP	
HRS. STANDBY	
TOTAL DAY WORK	

WIRE LINE RECORD

REEL NO.	
NO. OF LINES	8 SIZE 1"
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
	STANDS D.P.	3432 FT.
	SINGLES D.P.	FT.
15	D.C. 6 3/4 I.D. O.D.	383 FT.
	D.C. I.D. O.D.	FT.
	STB. BODY O.D.	FT.
	STB. BODY O.D.	FT.
	RMR. BODY O.D.	FT.
	SUBS O.D.	FT.
	BIT OR C.B.	FT.
	KELLY DOWN	20 FT.
	TOTAL	3835 FT.
	WT. OF STRING	99,000 LBS.

BIT RECORD

BIT NO.	12
SIZE	8 3/4
MFG.	HTC
TYPE	RD1J
NOZZLE NO.	3
NOZZLE SIZE	3/8
SER. NO.	43757
DEPTH OUT	
DEPTH IN	3710
TOTAL FTG.	
TOTAL HR. RUN	38 3/4
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	3:00
WEIGHT	9.9
VISC.—SEC	38
W.L.—C.C.	
FLTR. CK.	
PH	
SD. CONT. %	Salt 182,000
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Salt	25		
STA	10		

DRILLER: A. Cleveland

FOOTAGE / FORMATION

FROM	TO	DR.—D RM.—R CORE—C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
3811	3835	D		Lime & Sand	40	30	1000	5 1/2	56			

DEVIATION RECORD: DEPTH | DEV. | DIRECTION (blank)

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	4.30	4 1/2	Drlg.
4.30	5.15	3/4	Mix Mud + Salt - Check Rig - Conn.
5.15	8.00	2 3/4	Drlg.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
	STANDS D.P.	3462 FT.
	SINGLES D.P.	FT.
12	D.C. 6 3/4 I.D. O.D.	383 FT.
	D.C. I.D. O.D.	FT.
	STB. BODY O.D.	FT.
	STB. BODY O.D.	FT.
	RMR. BODY O.D.	FT.
	SUBS O.D.	FT.
	BIT OR C.B.	FT.
	KELLY DOWN	11 FT.
	TOTAL	3856 FT.
	WT. OF STRING	82,000 LBS.

BIT RECORD

BIT NO.	#12
SIZE	8 3/4
MFG.	HTC
TYPE	RD1J
NOZZLE NO.	3
NOZZLE SIZE	3/8
SER. NO.	43757
DEPTH OUT	
DEPTH IN	3710
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	4:00
WEIGHT	10.0
VISC.—SEC	40
W.L.—C.C.	4.0
FLTR. CK.	2/32
PH	
SD. CONT. %	Salt 200,000 PPM
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Salt	30 lbs		

DRILLER: Ben Benson

FOOTAGE / FORMATION (BIT #12)

FROM	TO	DR.—D RM.—R CORE—C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
3835	3856	D		Lime & Sand	40	30	1000	5 1/2	56			

DEVIATION RECORD: DEPTH | DEV. | DIRECTION (blank)

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	9:15	1 1/4	Drilling:
9:15	9:45	1/2	Grease & Check Rig: Jet Pits: Close & open B.O.P's. Hdr.
9:45	11:00	1 1/4	Drilling & Conditioning Mud:
11:00	12:45	1 3/4	Mec: Working on Draw Works Motors:
12:45	3:30	2 3/4	Drilling & Conditioning Mud:
3:30	3:45	1/4	Rig + Conn.
3:45	4:00	1/4	Drlg.

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
	STANDS D.P.	3492 FT.
	SINGLES D.P.	FT.
15	D.C. 6 3/4 I.D. O.D.	383 FT.
	D.C. I.D. O.D.	FT.
	STB. BODY O.D.	FT.
	STB. BODY O.D.	FT.
	RMR. BODY O.D.	FT.
	SUBS O.D.	FT.
	BIT OR C.B.	FT.
	KELLY DOWN	13 FT.
	TOTAL	3888 FT.
	WT. OF STRING	LBS.

BIT RECORD

BIT NO.	12
SIZE	8 3/4
MFG.	HTC
TYPE	RD1J
NOZZLE NO.	3
NOZZLE SIZE	3/8
SER. NO.	43757
DEPTH OUT	
DEPTH IN	3710
TOTAL FTG.	
TOTAL HR. RUN	54 3/4
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	4:30	10:00
WEIGHT	10.0	10.0
VISC.—SEC	40	84
W.L.—C.C.	9.0 cc	9.0 cc
FLTR. CK.	2/32	
PH		
SD. CONT. %	Salt	240,000 PPM
PRESSURE GRADIENT		

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER: H. De Graw

FOOTAGE / FORMATION

FROM	TO	DR.—D RM.—R CORE—C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
3856	3888	D		Sandy Lime	40	20	1000	5 1/2	56			

DEVIATION RECORD: DEPTH | DEV. | DIRECTION (blank)

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	11:00	7	Drlg.
11:00	11:15	1/4	Rig Jet + Conn.
11:15	12:00	3/4	Drlg.

DRILLING CREW PAYROLL DATA

DATE July 17 1963 № 894

WELL NAME & NO. Ludaboro O.&G. Nicolet #1

COMPANY Ludaboro Oil Co

TOOL PUSHER ______ RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm H. Siddall	8
FIREMAN		Welby Rhenault	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		Ben Benson	8
DRKMAN		L. E. Thomas	8
MTRMAN		J. Quellen	8
FIREMAN		J. Landry	8
FLRMAN			
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		H. De Graw	8
DRKMAN		R. Quellen	8
MTRMAN		J. Hubbard	8
FIREMAN		L. Leaming	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ______ SINCE LAST LOST TIME ACCIDENT

FORM 3T-4 PRINTED IN U.S.A. APPROVED APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

APPROVED APPROVED

№ 893

DAILY DRILLING REPORT REPORT NO. 11 DATE 7-16-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Inlubore Oil Co	Inlubore O & G Ifvolet # 1			Ifvolet	Quebec

CONTRACTOR	RIG NO.	DRILL PIPE STRING NO.	SIZE	TOOL JOINT O.D.	TYPE THD.
NORTH AMERICAN DRILLING COMPANY (Laurion Rotary Drillers Co. Ltd)	4				

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1	National	150 B	12
2			
3			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
7 5/8			9			136	

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	6 3/4	7 1/2	7 1/4
REAMING			
CONDITIONING MUD & CIRCULATING	1	1/2	
TRIPS			
LUBRICATE RIG	1/4	1/2	
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			3/4
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK	
HRS. W/DP	
HRS. WO/DP	
HRS. STANDBY	
TOTAL DAY WORK	

WIRE LINE RECORD

REEL NO.	
NO. OF LINES	8
SIZE	1"
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	FT.
	STANDS D.P.	3343
	SINGLES D.P.	
15	D.C. I.D. 3/4 O.D.	383
	D.C. I.D. O.D.	
	STB. BODY O.D.	
	STB. BODY O.D.	
	RMR. BODY O.D.	
	SUBS O.D.	
	BIT OR C.B.	
	KELLY DOWN	37
	TOTAL	3763
	WT. OF STRING	81 000 LBS.

BIT RECORD

BIT NO.	12
SIZE	8 3/4
MFG.	HTC
TYPE	R1J
NOZZLE NO.	3
NOZZLE SIZE	3/8
SER. NO.	
DEPTH OUT	
DEPTH IN	3710
TOTAL FTG.	
TOTAL HR. RUN	18
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	4:00
WEIGHT	10-
VISC.–SEC	38
W.L.–C.C.	
FLTR. CK.	
PH	
SD. CONT. %	182,500
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Salt	30 bs		
S. Jell	1 Sks		

DRILLER: H. Cleveland

FOOTAGE FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
3744	3763	D		Lime & Sand.	40	30	1000	5 1/2	56			

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12 00	12 15	1/4	Drlg
12 15	12 30	1/4	Clean Pump Screen - Check Rig
12 30	5 00	4 1/2	Drlg
5 00	6 00	1	Mix Mud & Salt - Clean Pump Screen
6 00	8 00	2	Drlg

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	FT.
	STANDS D.P.	
	SINGLES D.P.	
15	D.C. I.D. 6 3/4 O.D.	383
	D.C. I.D. O.D.	
	STB. BODY O.D.	
	STB. BODY O.D.	
	RMR. BODY O.D.	
	SUBS O.D.	
	BIT OR C.B.	
	KELLY DOWN	
	TOTAL	3791
	WT. OF STRING	81 000 LBS.

BIT RECORD

BIT NO.	#12
SIZE	8 3/4
MFG.	HTC.
TYPE	R1J
NOZZLE NO.	3
NOZZLE SIZE	3/8
SER. NO.	43757
DEPTH OUT	
DEPTH IN	3710
TOTAL FTG.	
TOTAL HR. RUN	25
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	7:30
WEIGHT	7.8
VISC.–SEC	40
W.L.–C.C.	100 cc
FLTR. CK.	7/32
PH	
SD. CONT. %	Salt - 200,000 PPM
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Salt - 58			
Adding Water:			

DRILLER: Ben Benson

FOOTAGE FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY) BIT # 12	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
3763	3791	D		Lime & Sand	40	30	1000	5 1/2	56			

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:30	1/2	Drilling:
8:30	9:00	1/2	Grease & Check Rig: Test Pipe:
9:00	4:00	7 1/2	Drilling & Conditioning Mud:

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	FT.
	STANDS D.P.	3403
	SINGLES D.P.	
15	D.C. I.D. 6 3/4 O.D.	383
	D.C. I.D. O.D.	
	STB. BODY O.D.	
	STB. BODY O.D.	
	RMR. BODY O.D.	
	SUBS O.D.	
	BIT OR C.B.	
	KELLY DOWN	25
	TOTAL	3811
	WT. OF STRING	82 000 LBS.

BIT RECORD

BIT NO.	12
SIZE	8 3/4
MFG.	H.T.C
TYPE	R1J
NOZZLE NO.	3
NOZZLE SIZE	3/8
SER. NO.	43757
DEPTH OUT	
DEPTH IN	3710
TOTAL FTG.	
TOTAL HR. RUN	31 1/2
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	5:00
WEIGHT	9.9
VISC.–SEC	40
W.L.–C.C.	
FLTR. CK.	
PH	
SD. CONT. %	200 000 PPM
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Salt	10 bs		

DRILLER: H. DeShaw

FOOTAGE FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
3791	3811			Lime & Sand	40	30	1000	5 1/2	56			

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	6:00	2	Drlg
6:00	6:45	3/4	Check Rig Jet Pits & Cem
6:45	12:00	5 1/4	Drlg

DRILLING CREW PAYROLL DATA

№ 893

DATE July 16 1963

WELL NAME & NO. Inlubore O & G Ifvolet # 1

COMPANY Inlubore Oil Co

TOOL PUSHER ______ RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		H. Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm H. Siddall	8
FIREMAN		Welley Rheault	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		Ben Benson	8
DRKMAN		L. L. Thomas	8
MTRMAN		J. Quellen	8
FIREMAN		J. Lamory	8
FLRMAN			
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		H. DeShaw	8
DRKMAN		P. Quillen	8
MTRMAN		J. Hubbard	8
FIREMAN		J. L. Francine	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ______ SINCE LAST LOST TIME ACCIDENT

FORM 37-4 PRINTED IN U.S.A. APPROVED APPROVED

A.A.O.D.C--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

APPROVED APPROVED

Nº 892

DAILY DRILLING REPORT REPORT NO. 20 DATE 7-15-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Ladubors Oil Co	Ladubors O.G. Yarolet #1			Yarolet	Quebec

CONTRACTOR: NORTH AMERICAN DRILLING COMPANY / Lemon Rotary Drilling Co. Ltd. — RIG NO. 4

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [illegible]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

PUMPS NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	1500B	12
2.			
3.			

LAST CASING, TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
	9⅝			7			236	

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	3¾	3¼	8
REAMING		¾	
CONDITIONING MUD & CIRCULATING	¼	¾	
TRIPS	4	1	
LUBRICATE RIG		¼	⅓
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG		2	
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY): DAY WORK; HRS. W/DP; HRS. WO/DP; HRS. STANDBY; TOTAL DAY WORK

WIRE LINE RECORD: REEL NO.; NO. OF LINES; SIZE; FEET SLIPPED; FEET CUT OFF; PRESENT LENGTH; TON MI. OR TRIPS SINCE LAST CUT; CUMULATIVE TON MI. OR TRIPS; NO. OF DAYS FROM SPUD; CUMULATIVE ROTATING HRS.

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD			MUD RECORD	
STANDS D.P.		BIT NO.	11	12	TIME	2:00
SINGLES D.P.		SIZE	8¾	8¾	WEIGHT	10.2
D.C. I.D. O.D.		MFG.	HTC	HTC	VISC.-SEC	42
D.C. I.D. O.D.		TYPE	W7R	R3IS	W.L.-C.C.	
STB. BODY O.D.		NOZZLE NO.	3	3	FLTR. CK.	
STB. BODY O.D.		NOZZLE SIZE	7/16	3/4	PH	
RMR. BODY O.D.		SER. NO.	8159	43757	SD. CONT. %	221,200 PPM
SUBS O.D.		DEPTH OUT	3710		PRESSURE GRADIENT	
BIT OR C.B.		DEPTH IN	3639	3710		
KELLY DOWN		TOTAL FTG.	71			
TOTAL		TOTAL HR. RUN	27¾			
WT. OF STRING		COND. OF BIT				
		REAMER NO.				
		REAMER TYPE				

MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT.

DRILLER: A. Cleveland

FOOTAGE FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
3703	3710	D		Lime + Sand								

DEVIATION RECORD: DEPTH / DEV. / DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	3:45	3¾	Drly
3:45	4:00	¼	Circulate
4:00	8:00	4	trip for Bit · Check B.O.P.
			Pick up 3 DC. 15 total

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
STANDS D.P.		BIT NO.	#12	TIME	2:30
SINGLES D.P.		SIZE	8¾	WEIGHT	9.9
D.C. 15 I.D. 6¾ O.D.	383	MFG.	HTC	VISC.-SEC	40
D.C. I.D. O.D.		TYPE	R3IT	W.L.-C.C.	
STB. BODY O.D.		NOZZLE NO.	3	FLTR. CK.	
STB. BODY O.D.		NOZZLE SIZE	3/4	PH	
RMR. BODY O.D.		SER. NO.		SD. CONT. %	Salt Cont.: 2?1,000 P.P.M.
SUBS O.D.		DEPTH OUT		PRESSURE GRADIENT	
BIT OR C.B.		DEPTH IN	3710		
KELLY DOWN		TOTAL FTG.			
TOTAL	3716	TOTAL HR. RUN			
WT. OF STRING	[illegible]	COND. OF BIT			
		REAMER NO.			
		REAMER TYPE			

MUD & CHEMICALS ADDED: Salt 40 sks; Mixing Gel

DRILLER: Ben Benson

FOOTAGE FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY) Bit #12	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
3710	3716	D		Lime - Sand	40	30	1000	5½	55			

DEVIATION RECORD: DEPTH / DEV. / DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	9:00	1	Finish Trip in hole @ 3710:
9:00	9:45	¾	Jet Pits, Mixing Salt:
9:45	10:30	¾	Ream & Wash 30' to Bottom:
10:30	12:30	2	Mac: Working on Draw Works Motors:
12:30	4:00	3½	Drilling:

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
STANDS D.P.	334	BIT NO.	12	TIME	5:00
SINGLES D.P.		SIZE	8¾	WEIGHT	10
D.C. 15 I.D. 6¾ O.D.	383	MFG.	HTC	VISC.-SEC	42
D.C. I.D. O.D.		TYPE	RC1T	W.L.-C.C.	
STB. BODY O.D.		NOZZLE NO.	3	FLTR. CK	
STB. BODY O.D.		NOZZLE SIZE	3/4	PH	
RMR. BODY O.D.		SER. NO.	43757	SD. CONT. %	[illegible] PPM
SUBS O.D.		DEPTH OUT		PRESSURE GRADIENT	
BIT OR C.B.		DEPTH IN	3710		
KELLY DOWN	13	TOTAL FTG.			
TOTAL	3744	TOTAL HR. RUN	11		
WT. OF STRING	91,000	COND. OF BIT			
		REAMER NO.			
		REAMER TYPE			

MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT.

DRILLER: H. DeGraw

FOOTAGE FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
3718	3744			Lime + Sand	40	30	1000	5½	56			

DEVIATION RECORD: DEPTH / DEV. / DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	9:20	5 20	Drlg.
9:20	9:40	20	Jet pits. Check Rig Pump & Grease Swivel chain
9:40	12:00	2 20	Drlg

DRILLING CREW PAYROLL DATA

DATE July 15 1963 Nº 892

WELL NAME & NO. Ladubors O.G. Yarolet #1

COMPANY Ladubors Oil Co

TOOL PUSHER ______ RIG NO. 4

MORNING TOUR ______ P.M. ______ A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A. Cleveland	8
DRKMAN		Tom Saunders	8
MTRMAN		Wm H. Sivdahl	8
FIREMAN		Willy Rhault	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		Ben Benson	8
DRKMAN		A.E. Thomas	8
MTRMAN		J. Quellin	8
FIREMAN		J. Hanory	8
FLRMAN			
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		H. DeGraw	8
DRKMAN		R. Quillen	8
MTRMAN		J. Hubbard	8
FIREMAN		H. Leonard	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ______ SINCE LAST LOST TIME ACCIDENT

Nº 891

DAILY DRILLING REPORT

REPORT NO. 19 DATE 7-14-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Ladubors Oil Co	Ladubors (S.G.) Nicolet #1			Nicolet	Quebec

CONTRACTOR: ~~NORTH AMERICAN DRILLING COMPANY~~ Union Rotary Drillers Assn. Ltd. RIG NO. 4

DRILL PIPE STRING: NO. / SIZE — TOOL JOINT O.D. — TYPE THD.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	150 B	12
2.			
3.			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9⅝			7			236	

TIME DISTRIBUTION (HOURS)

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	4¼	7¼	[illegible]
REAMING	1		
CONDITIONING MUD & CIRCULATING			
TRIPS	2½		
LUBRICATE RIG		¼	¼
DEVIATION SURVEY		½	
TEST B.O.P.	¼		
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. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK	
HRS. W/DP	
HRS. WO/DP	
HRS. STANDBY	
TOTAL DAY WORK	

WIRE LINE RECORD

REEL NO.	
NO. OF LINES	9
SIZE	
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	FT.
	STANDS D.P.	3381
	SINGLES D.P.	
12	D.C. 6¾ O.D.	238
	KELLY DOWN	39
	TOTAL	3658
	WT. OF STRING (LBS.)	

BIT RECORD

BIT NO.	11
SIZE	8¾
MFG.	HTC
TYPE	W7R
NOZZLE NO.	3
NOZZLE SIZE	¾
SER. NO.	8159
DEPTH OUT	
DEPTH IN	3639
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	5:30
WEIGHT	10.1
VISC.-SEC	41
W.L.-C.C.	
FLTR. CK.	
PH	
SD. CONT. %	212,000
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED: Adding oil.

DRILLER: A. Cleveland

FOOTAGE / FORMATION

FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	LINER SIZE	S.P.M.
3639	3658	D		Lime	70	30	800	5½	

DEVIATION RECORD: —

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:30	½	Finish O.O.H.
12:30	12:45	¼	Check BOP - Close & Open Blind & Pipe Rams - Hydrill
12:45	2:45	2	Run in Hole
2:45	3:45	1	Break Circ. Ream & Wash to Bottom.
3:45	8:00	4¼	Drly.

Drill pipe STrap - 3640.77
No Correction, Tally Board 3639.-

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	FT.
	STANDS D.P.	
	SINGLES D.P.	
12	D.C. 6¾ O.D.	238
	KELLY DOWN	
	TOTAL	3682
	WT. OF STRING (LBS.)	74,000

BIT RECORD

BIT NO.	#11
SIZE	8¾
MFG.	HTC
TYPE	W7R
NOZZLE NO.	3
NOZZLE SIZE	11/16
SER. NO.	8159
DEPTH OUT	
DEPTH IN	3639

MUD RECORD

TIME	9:00
WEIGHT	10.1
VISC.-SEC	41
W.L.-C.C.	10cc
FLTR. CK.	2/32
PH	
SD. CONT. %	210,000 PPM

MUD & CHEMICALS ADDED: Adding oil; Jet Pits

DRILLER: Ben Benson

FOOTAGE / FORMATION (Bit # 11)

FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	LINER SIZE	S.P.M.
3658	3682	D		Lime	70	30	850	5½	60

DEVIATION RECORD: DEPTH 3619, DEV. 8¾°

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼	Drilling:
8:15	9:00	¾	Slope Test: Jet Pits: Grease & Check Rig:
9:00	4:00	7	Drilling:

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	FT.
	STANDS D.P.	3441
	SINGLES D.P.	
12	D.C. 6¾ O.D.	238
	KELLY DOWN	24
	TOTAL	3703
	WT. OF STRING (LBS.)	

BIT RECORD

BIT NO.	11
SIZE	8¾
MFG.	HTC
TYPE	W-7R
NOZZLE NO.	3
NOZZLE SIZE	11/16
SER. NO.	8159
DEPTH OUT	
DEPTH IN	3639

MUD RECORD

TIME	5:00	11:00
WEIGHT	10.2	10.2
VISC.-SEC	42	42
W.L.-C.C.	9½cc	
FLTR. CK.	2/32	
PH		225,000 PPM

DRILLER: H. De Graw

FOOTAGE / FORMATION

FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	LINER SIZE	S.P.M.
3682	3703			Lime	70	30	850	5½	60

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	6:30	2½	Drly
6:30	6:45	¼	Rig Pump & Serv.
6:45	12:00	5¼	Drly

DRILLING CREW PAYROLL DATA

DATE July 14 1963 Nº 891

WELL NAME & NO. Ladubors (S.G.) Nicolet #1

COMPANY Ladubors Oil Co

TOOL PUSHER — RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A. Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm. H. Siddall	8
FIREMAN		Welby Rheault	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		Ben Benson	8
DRKMAN		L.E. Thomas	8
MTRMAN		J. Guellin	8
FIREMAN		J. Landry	8
FLRMAN			
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		H. De Graw	8
DRKMAN		[illegible] Guillen	8
MTRMAN		[illegible] Hubbard	8
FIREMAN		[illegible]	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

FORM 3T-4 PRINTED IN U.S.A. APPROVED APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

APPROVED APPROVED

№ 890

DAILY DRILLING REPORT

REPORT NO. 18 DATE 7-13-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Laduboro Oil Co	Laduboro O.I.G. Nicolet #1			Nicolet	Quebec

CONTRACTOR	RIG NO.	DRILL PIPE STRING NO.	SIZE	TOOL JOINT O.D.	TYPE THD.
~~NORTH AMERICAN DRILLING COMPANY~~ Union Rotary Drillers Co., Ltd	4				

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [illegible signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

PUMPS NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	150B	12
2.			
3.			

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	BKR. TO CSG. HD.	SET AT	REMARKS
	9⅝			7			236	

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	6	6¾	5½
REAMING			
CONDITIONING MUD & CIRCULATING	2	1½	
TRIPS			1½
LUBRICATE RIG	-	¼	40
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. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			

WIRE LINE RECORD

REEL NO.	
NO. OF LINES	8 SIZE 1
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
	STANDS D.P.	3321 FT.	BIT NO.	10
	SINGLES D.P.	FT.	SIZE	8¾
12	D.C. 6¾ O.D.	238 FT.	MFG.	Smith
	D.C. I.D. O.D.	FT.	TYPE	L4
	STB. BODY O.D.	FT.	NOZZLE NO.	3
	STB. BODY O.D.	FT.	NOZZLE SIZE	11/16
	RMR. BODY O.D.	FT.	SER. NO.	82245
	SUBS O.D.	FT.	DEPTH OUT	
	BIT OR C.B.	FT.	DEPTH IN	3515
		FT.	TOTAL FTG.	
			TOTAL HR. RUN	15½
	KELLY DOWN	40 FT.	COND. OF BIT	
	TOTAL	3599 FT.	REAMER NO.	
	WT. OF STRING	LBS.	REAMER TYPE	

MUD RECORD		
TIME	1:00	5:00
WEIGHT	10.2	10.2
VISC.-SEC	36	38
W.L.-C.C.		
FLTR. CK.		
PH		
SD. CONT. % (salt)	188,150	188,000
PRESSURE GRADIENT	PPM	

MUD & CHEMICALS ADDED TYPE	AMT.	TYPE	AMT.
Salt Gel	25		
Salt	25		

DRILLER: A Cleveland

FOOTAGE FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
3570	3599	D		Lime								

DEVIATION RECORD: DEPTH / DEV. / DIRECTION —

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	2:00	2	Drlg
2:00	3:00	1	Mix Mud
3:00	6:45	3¾	Drlg
6:45	7:45	1	Jet Pits - Mix Mud.
7:45	8:00	¼	Drlg

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
	STANDS D.P.	FT.	BIT NO.	11
	SINGLES D.P.	FT.	SIZE	8¾
12	D.C. 6¾ O.D.	238 FT.	MFG.	Smith
	D.C. I.D. O.D.	FT.	TYPE	L4
	STB. BODY O.D.	FT.	NOZZLE NO.	3
	STB. BODY O.D.	FT.	NOZZLE SIZE	11/16
	RMR. BODY O.D.	FT.	SER. NO.	82245
	SUBS O.D.	FT.	DEPTH OUT	
	BIT OR C.B.	FT.	DEPTH IN	3515
		FT.	TOTAL FTG.	
			TOTAL HR. RUN	
	KELLY DOWN	FT.	COND. OF BIT	
	TOTAL	3621 FT.	REAMER NO.	
	WT. OF STRING	72,000 LBS.	REAMER TYPE	

MUD RECORD		
TIME	9:00	3:00
WEIGHT	10.2	10.3
VISC.-SEC	36	40
W.L.-C.C.		
FLTR. CK.		
PH		
SD. CONT. %	189,500 PPM	9:00
PRESSURE GRADIENT		3:30
	Salt Cont 214,500 PPM	

MUD & CHEMICALS ADDED TYPE	AMT.	TYPE	AMT.
Salt	30		
Salt Gel	25		

DRILLER: Ben Benson

FORMATION: B.5 N.H.

FOOTAGE FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
3599	3621			Lime	70	30	950	5½	60			

DEVIATION RECORD: DEPTH / DEV. / DIRECTION —

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	11:15	3¼	Drilling: Changed oil in Draw Works Motors:
11:15	11:30	¼	Pump Motor Repair: Grease & Check Rig:
11:30	12:15	¾	Drilling:
12:15	1:45	1½	Cir: Conditioning Mud:
1:45	4:00	3¼	Drilling:

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
	STANDS D.P.	FT.	BIT NO.	10
	SINGLES D.P.	FT.	SIZE	8¾
12	D.C. 6¾ I.D. O.D.	[illegible] FT.	MFG.	Smith
	D.C. I.D. O.D.	FT.	TYPE	L4
	STB. BODY O.D.	FT.	NOZZLE NO.	3
	STB. BODY O.D.	FT.	NOZZLE SIZE	11/16
	RMR. BODY O.D.	FT.	SER. NO.	82245
	SUBS O.D.	FT.	DEPTH OUT	3639
	BIT OR C.B.	FT.	DEPTH IN	3515
		FT.	TOTAL FTG.	124
			TOTAL HR. RUN	26½
	KELLY DOWN	FT.	COND. OF BIT	
	TOTAL	FT.	REAMER NO.	
	WT. OF STRING	LBS.	REAMER TYPE	

MUD RECORD		
TIME	4:00	1:00
WEIGHT	10.2	10.3
VISC.-SEC	40	41
W.L.-C.C.		
FLTR. CK		
PH		
SD. CONT. % (Salt Cont)		214,500 PPM
PRESSURE GRADIENT	[illegible]	220,000 PPM

MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT. —

DRILLER: N De Grace

FOOTAGE FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
3621	3639			Lime	70	30	950	5½	60			

DEVIATION RECORD: DEPTH / DEV. / DIRECTION —

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	6:00	2	Drlg
6:00	6:40	40	Rig [illegible]
6:40	10:10	3½	Drlg
10:10	12:00	1⅚	trip for Bit & Strap Pipe - Jet

DRILLING CREW PAYROLL DATA

DATE July 13 1963 № 890

WELL NAME & NO. Laduboro O.I.G. Nicolet #1

COMPANY Laduboro Oil Co

TOOL PUSHER ______ RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm H. Siddall	8
FIREMAN		Wally Rheault	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		Ben Benson	8
DRKMAN		L.E. Thomas	8
MTRMAN		J. [illegible]	8
FIREMAN		J. [illegible]	8
FLRMAN			
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		N. De Grace	8
DRKMAN		R. [illegible]	8
MTRMAN		J. [illegible]	8
FIREMAN		J.P. [illegible]	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

Nº 889

DAILY DRILLING REPORT

REPORT NO. 17 DATE 7-12-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Laduboro Oil Co	Laduboro C.N.G. Yeadell #1			Charlet	Quebec

CONTRACTOR: ~~NORTH AMERICAN DRILLING COMPANY~~ Union Rotary Drillers Inc. [illegible] RIG NO. 4

SIGNATURE OF OPERATOR'S REPRESENTATIVE: Tho. W. Zink

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

DRILL PIPE STRING NO.	SIZE	TOOL JOINT	O.D.	TYPE THD.

PUMPS NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	150B	12
2.			
3.			

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	KB. TO CSG. HD.	SET AT	REMARKS
	9 5/8			7			23[illegible]	

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	6	4	[illegible]
REAMING / wash		1½	
CONDITIONING MUD & CIRCULATING			
TRIPS	1¾	1½	
LUBRICATE RIG			
DEVIATION SURVEY			
TEST B.O.P.	¼		
CUT OFF DRILLING LINE			
REPAIR RIG		1	
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK	
HRS. W/DP	
HRS. WO/DP	
HRS. STANDBY	
TOTAL DAY WORK	

WIRE LINE RECORD

REEL NO.	
NO. OF LINES	9 SIZE 1"
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR	
STANDS D.P.	
SINGLES D.P.	
KELLY DOWN	
TOTAL	

BIT RECORD	
BIT NO.	9
SIZE	8¾
MFG.	HTC
TYPE	OWC
NOZZLE NO. / SIZE	3 / 7/16
SER. NO.	3249
DEPTH OUT	3515
DEPTH IN	3434
TOTAL FTG.	81
TOTAL HR. RUN	17
COND. OF BIT	0-2-T2

MUD RECORD	
TIME	3:00
WEIGHT	10.2
VISC.—SEC	34
SOL. CONT. %	222750 PPM.

DRILLER: A. Cleveland

FOOTAGE FROM	TO	CORE NO.	FORMATION
3492	3515	0	Lime

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	6:00	6	Drlg.
6:00	7:45	1¾	Pulling for Bit.
7:45	8:00	¼	Check BOP. Closed Open - Blind Rams - Pipe Rams - Hy drill

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR	
D.C.	12 — 6¾ O.D. 238 38 FT.
WT. OF STRING	74,000 LBS.

BIT RECORD	
BIT NO.	#10
SIZE	8¾
MFG.	Smith
TYPE	L4
NOZZLE NO. / SIZE	3 / 11/16
SER. NO.	52245
DEPTH IN	3515

MUD RECORD	
TIME	1:00
WEIGHT	10.1
VISC.—SEC	35
SOL. CONT. %	[illegible] 200,000 PPM

MUD & CHEMICALS ADDED TYPE	AMT.
Salt	25

DRILLER: Ben Benson

FOOTAGE FROM	TO	CORE NO.	FORMATION (Bit #10)	ROTARY RPM	WT. ON BIT	PUMP PRESS	LINER SIZE	S.P.M.
3515	3534	0	Lime:	70	30	850	5½	60

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
			Grease Crown & Blocks;
8:00	9:00	1	Grease & Check Rig; Changed oil in Pump Motors;
9:00	10:30	1½	To Trip in @ 3515 - up 3-6¾ Drill C
10:30	12:00	1½	Wash 55' to Bottom;
12:00	4:00	4	Drilling; Conditioning Mud;

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR	
STANDS D.P.	3331
D.C.	12 — 6¾ O.D. 230
KELLY DOWN	11
TOTAL	3570

BIT RECORD	
BIT NO.	10
SIZE	8¾
MFG.	Smith
TYPE	L4
NOZZLE NO. / SIZE	3 / 11/16
DEPTH IN	3515

MUD & CHEMICALS ADDED TYPE	AMT.	TYPE	AMT.
Salt	75	30%	
Salt	15	30	

FOOTAGE FROM	TO	FORMATION	ROTARY RPM	WT. ON BIT	PUMP PRESS	LINER SIZE	S.P.M.
3534	3570	Lime	75	30	850	5½	60

DEVIATION RECORD: DEPTH 3500 DEV. 7°

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	5:00	1	D[illegible]
5:00	7:00	2	[illegible]
7:00	11:00	4	Drlg.
11:00	11:45	¾	Mixing mud
11:45	12:00	¼	Drlg

DRILLING CREW PAYROLL DATA

DATE July 12 - 1963 Nº 889

WELL NAME & NO. Laduboro C.N.G. Yeadell #1

COMPANY Laduboro Oil Co

TOOL PUSHER ______ RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm H Siddall	8
FIREMAN		Wesley Rheault	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		Ben Benson	8
DRKMAN		L. L. Thomas	8
MTRMAN		J. Cuellin	8
FIREMAN		J. Landry	8
FLRMAN			
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		[illegible]	8
DRKMAN		[illegible]	8
MTRMAN		[illegible]	8
FIREMAN		[illegible]	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

Nº 888

DAILY DRILLING REPORT

REPORT NO. 16 DATE 7-11-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Ladubors Oil co	Ladubors C.I.S. Nicolet #1			Nicolet	Quebec

CONTRACTOR	RIG NO.	DRILL PIPE STRING NO.	SIZE	TOOL JOINT O.D.	TYPE THD.
NORTH AMERICAN DRILLING COMPANY / American Rotary Drillers Corp. Ltd.	4				

SIGNATURE OF OPERATOR'S REPRESENTATIVE: Theo W. [illegible]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	150B	12
2.			
3.			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9⅝			7			236	

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	5½	4	[illegible]
REAMING		¾	
CONDITIONING MUD & CIRCULATING	1½		
TRIPS	½	3	
LUBRICATE RIG		¼	
DEVIATION SURVEY	½		
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. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			

WIRE LINE RECORD

REEL NO.	
NO. OF LINES	SIZE
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM		
	STANDS D.P.		FT.
	SINGLES D.P.		FT.
	D.C. I.D. O.D.		FT.
	D.C. I.D. O.D.		FT.
	STB. BODY O.D.		FT.
	STB. BODY O.D.		FT.
	RMR. BODY O.D.		FT.
	SUBS O.D.		FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN		FT.
	TOTAL		FT.
	WT. OF STRING		LBS.

BIT RECORD

BIT NO.	8
SIZE	8¾
MFG.	H.T.C.
TYPE	OWV
NOZZLE NO.	3
NOZZLE SIZE	11/16
SER. NO.	2057
DEPTH OUT	3434
DEPTH IN	3373
TOTAL FTG.	61
TOTAL HR. RUN	17¾
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	1:00
WEIGHT	
VISC.—SEC	32
W.L.—C.C.	
FLTR. CK.	
PH	
SD. CONT. %	2061.0
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Salt	15		

DRILLER: A. Cleveland

FOOTAGE

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
3416	3434	D		Lime	70	18	900	5½	60			

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	3392	11°							

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	5.00	5	Drlg.
5.00	6.00	1	Mix Mud
6.00	6.30	½	Run Shapi Test.
6.30	7.00	½	Drlg.
7.00	7.30	½	Circulate.
7.30	8.00	½	Pulling out of Hole.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM		
	STANDS D.P.		FT.
	SINGLES D.P.		FT.
#9	D.C. I.D. O.D. 6¾	160 28	FT.
	D.C. I.D. O.D.		FT.
	STB. BODY O.D.		FT.
	STB. BODY O.D.		FT.
	RMR. BODY O.D.		FT.
	SUBS O.D.		FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN		FT.
	TOTAL	3456	FT.
	WT. OF STRING	67,000	LBS.

BIT RECORD

BIT NO.	9
SIZE	8¾
MFG.	H.T.C.
TYPE	OWV
NOZZLE NO.	3
NOZZLE SIZE	11/16
SER. NO.	5299
DEPTH OUT	
DEPTH IN	3434
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	1:00
WEIGHT	10.2
VISC.—SEC	34
W.L.—C.C.	
FLTR. CK.	
PH	[illegible]
SD. CONT. %	Semi-[illegible]
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Salt	15		

DRILLER: Ben Benson

FOOTAGE

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY) Bit #9	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
3434	3458	D		Lime -?	70	25	900	5½	60			

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	9:15	1¼	Trip out:
9:15	9:30	¼	Grease & Check Rig:
9:30	11:15	1¾	Trip in @ 3434:
11:15	12:00	¾	Ream 25' to Bottom:
12:00	4:00	4	Drilling:

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM		
	STANDS D.P.		FT.
	SINGLES D.P.		FT.
7	D.C. I.D. O.D. 6¾	222	FT.
	D.C. I.D. O.D.		FT.
	STB. BODY O.D.		FT.
	STB. BODY O.D.		FT.
	RMR. BODY O.D.		FT.
	SUBS O.D.		FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN		FT.
	TOTAL	[illegible]	FT.
	WT. OF STRING		LBS.

BIT RECORD

BIT NO.	9
SIZE	8¾
MFG.	H.C.
TYPE	[illegible]
NOZZLE NO.	3
NOZZLE SIZE	[illegible]
SER. NO.	[illegible]
DEPTH OUT	
DEPTH IN	3434
TOTAL FTG.	
TOTAL HR. RUN	11½
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	5:00
WEIGHT	11.2
VISC.—SEC	34
W.L.—C.C.	
FLTR. CK.	
PH	[illegible]
SD. CONT. %	
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Salt	10		
[illegible]	5		

DRILLER: [illegible]

FOOTAGE

FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
3458	[illegible]			Lime	70	25	900	5½	60			

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	3450	10°							

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4.00	4.30	½	[illegible]
4.30	4.50	[illegible]	[illegible]
4.50	11.10	6.20	Drlg.
11.10	11.45	35	[illegible]
11.45	12.00	¼	Drlg.

DRILLING CREW PAYROLL DATA

DATE July 11 1963 Nº 888

WELL NAME & NO. Ladubors C.I.S. Nicolet #1

COMPANY Ladubors Oil co

TOOL PUSHER RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A. Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm H. Siddall	8
FIREMAN		Welly Rheault	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		Ben Benson	8
DRKMAN		L.K. Thomas	8
MTRMAN		J. Guellin	8
FIREMAN		J. Landry	8
FLRMAN			
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		[illegible]	8
DRKMAN		[illegible]	8
MTRMAN		[illegible]	8
FIREMAN		[illegible]	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

FORM 37-4 PRINTED IN U.S.A. APPROVED APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

APPROVED APPROVED

№ 887

DAILY DRILLING REPORT

REPORT NO. 15 DATE July 11 1963

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
[illegible]	[illegible]	1	[illegible]	[illegible]	[illegible]

CONTRACTOR: NORTH AMERICAN DRILLING COMPANY (struck through) Union Rotary Drillers Co., Ltd. — RIG NO. 4

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

DRILL PIPE STRING: NO. / SIZE — TOOL JOINT O.D. — TYPE THD.

PUMPS NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	[illegible]	150-B	12"
2.			
3.			

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
	9⅝			7			230	

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	4	5¼	7½
REAMING			
CONDITIONING MUD & CIRCULATING	¼	1½	
TRIPS	2½	1	
LUBRICATE RIG		¼	½
DEVIATION SURVEY			
TEST B.O.P.	¼		
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER Set & Clean Pits	1½		
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			

WIRE LINE RECORD

REEL NO.	
NO. OF LINES	8 SIZE 1
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
STANDS D.P.	FT.	BIT NO.	7	TIME	4:00
SINGLES D.P.	FT.	SIZE	8¾	WEIGHT	10.1
6 D.C. 6¾ I.D. O.D.	16[illegible] FT.	MFG.	H.C.	VISC.—SEC	
D.C. I.D. O.D.	FT.	TYPE	[illegible]	W.L.—C.C.	
STB. BODY O.D.	FT.	NOZZLE NO.	3	FLTR. CK.	
STB. BODY O.D.	FT.	NOZZLE SIZE	½	PH	
RMR. BODY O.D.	FT.	SER. NO.	1102	SD. CONT. %	
SUBS O.D.	FT.	DEPTH OUT	3373	PRESSURE GRADIENT	
BIT OR C.B.	FT.	DEPTH IN	3256	MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT.	
	FT.	TOTAL FTG.	117		
KELLY DOWN	FT.	TOTAL HR. RUN	13		
TOTAL	FT.	COND. OF BIT			
WT. OF STRING	LBS.	REAMER NO. / REAMER TYPE		DRILLER	A Cleveland

FOOTAGE FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	METHOD RUN
3324	3366			Shale & Lime	70	12	[illegible]	5½	62			
3366	3373			Lime								

DEVIATION RECORD: DEPTH / DEV. / DIRECTION —

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	4:00	4	Drlg
4:00	4:15	¼	Circulate
4:15	5:45	1½	Pulling for Bit
5:45	7:30	1¾	Set & Clean Pits
7:30	8:00	½	Check B.O.P. Run in 9 D.C. 4 Stands D.P.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
STANDS D.P.	FT.	BIT NO.	#8	TIME	3:00
SINGLES D.P.	FT.	SIZE	8¾	WEIGHT	10.2
9 D.C. 6¾ I.D. O.D.	236.55 FT.	MFG.	H.C.	VISC.—SEC	36
D.C. I.D. O.D.	FT.	TYPE	OWV	W.L.—C.C.	
STB. BODY O.D.	FT.	NOZZLE NO.	3	FLTR. CK.	
STB. BODY O.D.	FT.	NOZZLE SIZE	11/16	PH	
RMR. BODY O.D.	FT.	SER. NO.	2137	SD. CONT. %	Salt at 156,000
SUBS O.D.	FT.	DEPTH OUT		PRESSURE GRADIENT	
BIT OR C.B.	FT.	DEPTH IN	3373	MUD & CHEMICALS ADDED: Salt 105	
	FT.	TOTAL FTG.			
KELLY DOWN	FT.	TOTAL HR. RUN			
TOTAL	FT.	COND. OF BIT			
WT. OF STRING 16,000	LBS.	REAMER NO. / REAMER TYPE		DRILLER	Ben Benson

FOOTAGE FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY) Bit #8	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	METHOD RUN
3373	3392	D		Lime	70	18	800	5½	60			

DEVIATION RECORD: DEPTH / DEV. / DIRECTION —

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼	Grease & Check Rig:
8:15	9:45	1½	Set & Clean all pits: Adding Water Mixing Salt:
9:45	10:45	1	½ Trip in @ 3373 & up 3 Drill C's:
10:45	4:00	5¼	Drilling: Mixing Salt while Drilling:

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
STANDS D.P. 3159	FT.	BIT NO.	8	TIME	4:20
SINGLES D.P.	FT.	SIZE	8¾	WEIGHT	10.1
9 D.C. 6¾ I.D. O.D.	238 FT.	MFG.	H.C.	VISC.—SEC	33
D.C. I.D. O.D.	FT.	TYPE	OWV	W.L.—C.C.	
STB. BODY O.D.	FT.	NOZZLE NO.	3	FLTR. CK.	
STB. BODY O.D.	FT.	NOZZLE SIZE	11/16	PH	
RMR. BODY O.D.	FT.	SER. NO.	2137	SD. CONT. %	Salt 140,000
SUBS O.D.	FT.	DEPTH OUT		PRESSURE GRADIENT	
BIT OR C.B.	FT.	DEPTH IN	3373	MUD & CHEMICALS ADDED: Salt 395; S Cal 15	
	FT.	TOTAL FTG.			
KELLY DOWN	26 FT.	TOTAL HR. RUN			
TOTAL	3416 FT.	COND. OF BIT			
WT. OF STRING 60,000	LBS.	REAMER NO. / REAMER TYPE		DRILLER	H De Mars

FOOTAGE FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	METHOD RUN
3392	3416			Lime	75	18	850	5½	60			

DEVIATION RECORD: DEPTH / DEV. / DIRECTION —

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	6:30	2½	Drlg
6:30	7:00	½	[illegible]
7:00	12:00	5	Drlg

DRILLING CREW PAYROLL DATA

№ 887

DATE July 11 1963

WELL NAME & NO. [illegible]

COMPANY [illegible]

TOOL PUSHER — RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm H Siddall	8
FIREMAN		Welby Rheault	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		Ben Benson	8
DRKMAN		L.A. Thomas	8
MTRMAN		J. Ouellet	8
FIREMAN		J. Landry	8
FLRMAN			
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		H De Mars	8
DRKMAN		[illegible]	8
MTRMAN		[illegible]	8
FIREMAN		[illegible]	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

№ 886

DAILY DRILLING REPORT REPORT NO. 14 DA.

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Ladubaro Oil Co	Ladubaro O & G Yuold # 1			Nicolet	Quebec

CONTRACTOR	RIG NO.	DRILL PIPE STRING NO. / SIZE	TOOL JOINT O.D. / TYPE THD.
NORTH AMERICAN DRILLING COMPANY / Union Rotary Drillers Can. Ltd	4		

SIGNATURE OF OPERATOR'S REPRESENTATIVE: Theo. W. Tiid
SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	150B	12
2.			
3.			

LAST CASING, TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9⅝			7			236	

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	7¼	3¾	7
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS		3	
LUBRICATE RIG	¼	½	✓
DEVIATION SURVEY		¾	1
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG		½	
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK	
HRS. W/DP	
HRS. WO/DP	
HRS. STANDBY	
TOTAL DAY WORK	

WIRE LINE RECORD

REEL NO.	
NO. OF LINES	8 SIZE 1
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

	NO.		
STANDS D.P.		3125	FT.
SINGLES D.P.			FT.
D.C. I.D. O.D.	6	6¾ / 81	FT.
KELLY DOWN		38	FT.
TOTAL		3244	FT.
WT. OF STRING		57,000	LBS.

BIT RECORD

BIT NO.	6
SIZE	8¾
MFG.	HTC
TYPE	OSC
NOZZLE NO.	3
NOZZLE SIZE	1/16
SER. NO.	10007
DEPTH OUT	
DEPTH IN	3019
TOTAL FTG.	
TOTAL HR. RUN	22½
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	1:30	4:00	6:30
WEIGHT			10.2
SALT CONT. %	16,500	18,910	19,000

MUD & CHEMICALS ADDED: Salt 20; " 15

DRILLER: A. Cleveland

FOOTAGE / FORMATION

FROM	TO	FORMATION	ROTARY RPM	WT. ON BIT	PUMP PRESS	LINER SIZE	S.P.M.
3196	3244	Shale & Lime	100	12	900	5½	65

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	3:30	3½	Drlg.
3:30	3:45	¼	Grease & Check Rig
3:45	8:00	4¼	Drlg.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

	NO.		
D.C. I.D. O.D.	6	6¾ / 160 23	FT.
TOTAL		3273	FT.
WT. OF STRING		63,000	LBS.

BIT RECORD

BIT NO.	6	7
SIZE	8¾	8¾
MFG.	HTC	HTC
TYPE	OSC	OSC
NOZZLE NO.	3	3
NOZZLE SIZE	1/16	1/16
SER. NO.	10007	10022
DEPTH OUT	3256	
DEPTH IN	3019	3256
TOTAL FTG.	237	
TOTAL HR. RUN	24½	

MUD RECORD

TIME	9:00
WEIGHT	10.2
VISC.—SEC	35
SALT CONT. %	19,500

MUD & CHEMICALS ADDED: Salt 25

DRILLER: Ben Benson

FOOTAGE / FORMATION

FROM	TO	DR.	FORMATION	ROTARY RPM	WT. ON BIT	PUMP PRESS	LINER SIZE	S.P.M.
3244	3273	D	Shale & Lime	100	12	850	5½	60

DEVIATION RECORD: DEPTH 3206, DEV. 1 2°

TIME LOG — DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS: Washed 12' to Bottom on Trip:

FROM	TO	ELAPSED TIME	DETAILS
8:00	8:15	¼	Drilling:
8:15	9:00	¾	Slope Test - Grease & Check Rig: Jet Pits
9:00	10:30	1½	Drilling:
10:30	1:30	3	Trip for Bit & up 3 Drill Cs: @ 3256
1:30	2:15	¾	Drilling:
2:15	2:45	½	Rig Repair
2:45	4:00	1¼	Drilling:
			Running 12,000# wt. & 100 RPM. For Slope:

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

	NO.		
STANDS D.P.		3125	FT.
D.C. I.D. O.D.	6	6¾ / 160	FT.

BIT RECORD

BIT NO.	7
SIZE	8¾
MFG.	HTC
TYPE	OSC
NOZZLE NO.	3
NOZZLE SIZE	1/16
SER. NO.	10022
DEPTH IN	3256
TOTAL HR. RUN	9

MUD RECORD

TIME	5:30
WEIGHT	10.3
VISC.—SEC	34
SALT CONT. %	16,500

MUD & CHEMICALS ADDED: Salt 25

DRILLER: H. DeGrow

FOOTAGE / FORMATION

FROM	TO	FORMATION	ROTARY RPM	WT. ON BIT	PUMP PRESS	LINER SIZE	S.P.M.
3273	3350	Shale & Lime	100	12	850	5½	60

DEVIATION RECORD: DEPTH 3250, DEV. 11¼; DEPTH 3310, DEV. 11°

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	6:00	2	Drlg
6:00	6:30	½	Service Rig Jet Pits Run slope test & Circ.
6:30	11:00	4½	Drlg
11:00	11:30	½	and Slope test & Circ.
11:30	12:00	½	Drlg.

DRILLING CREW PAYROLL DATA

DATE July 9 1963 № 886
WELL NAME & NO. Ladubaro O & G Yuold # 1
COMPANY Ladubaro Oil Co
TOOL PUSHER ______ RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A. Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm. H. Siddall	8
FIREMAN		Wibby Rheault	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		Ben Benson	8
DRKMAN		L. L. Thomas	8
MTRMAN		J. Quellan	8
FIREMAN		J. Lamory	8
FLRMAN			
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		H. DeGrow	8
DRKMAN		P. Quillen	8
MTRMAN		J. Hubbard	8
FIREMAN		J. Lemieux	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

Nº 885

DAILY DRILLING REPORT

REPORT NO. 13 DATE 7

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Ladubaro Oil Co	Ladubaro C.O.G. Nicolet #1			Nicolet	Quebec

CONTRACTOR: NORTH AMERICAN DRILLING COMPANY / Union Rotary Drilling Co Ltd

RIG NO. 4

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [illegible signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER

PUMPS NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	1500 B	12
2.			
3.			

LAST CASING TUBING OR LINER: SIZE 9⅝ — NO. JOINTS 7 — RKB. TO CSG. HD. / SET AT 236

TIME DISTRIBUTION — HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL		4½	7
REAMING	4¼	1	
CONDITIONING MUD & CIRCULATING			
TRIPS		1¾	
LUBRICATE RIG		½	✓
DEVIATION SURVEY	3¾	½	1
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. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK / HRS. W/DP / HRS. WO/DP / HRS. STANDBY / TOTAL DAY WORK

WIRE LINE RECORD: REEL NO. / NO. OF LINES 9 SIZE / FEET SLIPPED / FEET CUT OFF / PRESENT LENGTH / TON M. OR TRIPS SINCE LAST CUT / CUMULATIVE TON M. OR TRIPS / NO. OF DAYS FROM SPUD / CUMULATIVE ROTATING HRS.

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR: (blank)

BIT RECORD	
BIT NO.	6
SIZE	8¾
MFG.	HTC
TYPE	OSC
NOZZLE NO.	3
NOZZLE SIZE	11/16
SER. NO.	10007
DEPTH OUT	
DEPTH IN	3019
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

DRILLER: A Cleveland

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	2.00	2	Reaming Hole - To Straighten - At 2135'
2.00	3.00	1	Ran Slope Test. - (2138' 3°) (2198' - 4½°)
3.00	5.15	2¼	Reaming. -
5.15	7.30	2¼	Ran Slope Test - (2310' - 9°) (2490' - 13°)
7.30	8.00	½	Reaming (2735' - 11°)

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR	
D.C.	3 — 6¾ O.D. — 81 20 FT.
TOTAL	3146 FT.
WT. OF STRING	55,000 LBS.

BIT RECORD	
BIT NO.	# 6
SIZE	8¾
MFG.	HTC
TYPE	OSC
NOZZLE NO.	3
NOZZLE SIZE	11/16
SER. NO.	10007
DEPTH OUT	
DEPTH IN	3019

MUD RECORD	
TIME	2:30
WEIGHT	10.1
VISC.-SEC	35

Salt Rent 100,000 PPM

MUD & CHEMICALS ADDED: Salt - 25

DRILLER: Ben Benson

FOOTAGE FROM	TO	DR-D RM-R CORE-C	FORMATION (SHOW CORE RECOVERY) Bit #6	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	LINER SIZE	S.P.M.
2135	2150	R	Reaming for Slope					
3109	3146	D	Shale & Lime:	100	12	850	5½	65

DEVIATION RECORD: DEPTH 2890' DEV. 11¾

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS Grease & Check Rig:
8:00	9:00	1	Reaming:
9:00	11:30	2½	Run in to 2890 Slope Test: Onto Bottom: Picked up DP.
11:30	4:00	4½	Drilling: Mixing Salt while Drilling:

60' Fill up on Bottom after Reaming:
Running 100 R.P.M. 12,000 # Wt. for Slope:

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR	
STANDS D.P.	38 [illegible]
D.C.	3 — 6¾ O.D. — [illegible]

BIT RECORD	
BIT NO.	6
SIZE	8¾
MFG.	HTC
TYPE	OSC
NOZZLE NO.	3
NOZZLE SIZE	11/16
SER. NO.	10007
DEPTH IN	3019

MUD RECORD	
TIME	7:00
WEIGHT	10
VISC.-SEC	34

DRILLER: H. DeGrace

FOOTAGE FROM	TO	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	LINER SIZE	S.P.M.
3146	3176	Shale & Lime	100	12	900	5½	65

DEVIATION RECORD: DEPTH 3120 DEV. 13° — DEPTH 3150 DEV. 13°

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	5:00	1	Drlg
5:00	5:30	½	Ran Slope test [illegible]
5:30	9:30	4	Drlg
9:30	10:00	½	Ran Slope test @ 3150 & Circ.
10:00	12:00	2	Drlg

DRILLING CREW PAYROLL DATA

Nº 885

DATE: July 8 1963

WELL NAME & NO.: Ladubaro C.O.G. Nicolet #1

COMPANY: Ladubaro Oil Co

TOOL PUSHER: RIG NO. 4

MORNING TOUR 12.00 P.M. 8.00 A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm H Siddall	8
FIREMAN		Willy Rheault	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		Ben Benson	8
DRKMAN		L. J. Thomas	8
MTRMAN		J. Ouellet	8
FIREMAN		J. Landry	8
FLRMAN			
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		H. DeGrace	8
DRKMAN		[illegible]	8
MTRMAN		[illegible]	8
FIREMAN		[illegible]	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

Nº 884

DAILY DRILLING REPORT

REPORT NO. 12 DATE 7-7-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Ladubon Oil Co	Ladubon (I.G.) Nicolet #1			Nicolet	Quebec

CONTRACTOR	RIG NO.	DRILL PIPE STRING NO.	SIZE	TOOL JOINT O.D.	TYPE THD.
~~NORTH AMERICAN DRILLING COMPANY~~ [illegible] Rotary Drilling Co. Ltd.	4				

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [illegible signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	150B	12
2.			
3.			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9⅝			7			236	

TIME DISTRIBUTION-HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	6	4¾	1
REAMING & WASH		1¼	2¾
CONDITIONING MUD & CIRCULATING			
TRIPS	1¾	2	1½
LUBRICATE RIG	¼	¼	
DEVIATION SURVEY			¼
TEST B.O.P.		¼	
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. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			

WIRE LINE RECORD

REEL NO.	
NO. OF LINES	8 SIZE 1"
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	STANDS D.P.	2596	FT.
	SINGLES D.P.		FT.
16	D.C. I.D. 6¾ O.D.	383	FT.
	D.C. I.D. O.D.		FT.
	STB. BODY O.D.		FT.
	STB. BODY O.D.		FT.
	RMR. BODY O.D.		FT.
	SUBS O.D.		FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN	40	FT.
	TOTAL	3019	FT.
	WT. OF STRING	79000	LBS.

BIT RECORD

BIT NO.	5
SIZE	8¾
MFG.	Hyd
TYPE	OWV
NOZZLE NO.	3
NOZZLE SIZE	11/16
SER. NO.	#8153
DEPTH OUT	3019
DEPTH IN	2623
TOTAL FTG.	396
TOTAL HR. RUN	35½
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	5.00
WEIGHT	9.9
VISC.-SEC	
W.L.-C.C.	
FLTR. CK.	
PH	
SD. CONT. %	
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT.

DRILLER: A. Cleveland

FOOTAGE / FORMATION

FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
2945	3019	D		Shale + Lime	70	20	800	5½	65			

DEVIATION RECORD: DEPTH / DEV. / DIRECTION —

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	1.00	1	Drlg
1.00	1.15	¼	Cann Service Rig
1.15	6.15	5	Drlg.
6.15	8.00	1¾	Pulling For Bit

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	STANDS D.P.		FT.
	SINGLES D.P.		FT.
15	D.C. I.D. 6¾ O.D.	383'	FT.
	D.C. I.D. O.D.		FT.
	STB. BODY O.D.		FT.
	STB. BODY O.D.		FT.
	RMR. BODY O.D.		FT.
	SUBS O.D.		FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN		FT.
	TOTAL	3085	FT.
	WT. OF STRING	79,000	LBS.

BIT RECORD

BIT NO.	# 6
SIZE	8¾
MFG.	H.T.C.
TYPE	OSC
NOZZLE NO.	3
NOZZLE SIZE	11/16
SER. NO.	10007
DEPTH OUT	
DEPTH IN	3019
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	11:00
WEIGHT	9.9
VISC.-SEC	37
W.L.-C.C.	
FLTR. CK.	
PH	
SD. CONT. %	Salt [illegible] - 100,000 P.P.M.
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Salt	20 [illegible]		
"	20		
	40 sks		

DRILLER: Ben Benson

FOOTAGE / FORMATION (Bit #6)

FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
3019	3085	D		Shale & Lime	70	20	800	5½	65			

DEVIATION RECORD: DEPTH 2980, DEV. 7°+

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:30	½	Grease & Check Rig: Close & open B.O.P.'s [illegible]
8:30	9:00	½	Finished Trip out;
9:00	10:30	1½	Run in Hole @ 3019';
10:30	11:15	¾	Wash & [illegible] to Bottom: Tight Hole: 10' Fill up:
11:15	4:00	4¾	Drilling:
			Running 20,000# wt 70 RPM for Slope:

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	STANDS D.P.		FT.
	SINGLES D.P.		FT.
15	D.C. I.D. 6¾ O.D.	383	FT.
	D.C. I.D. O.D.		FT.
	STB. BODY O.D.		FT.
	STB. BODY O.D.		FT.
	RMR. BODY O.D.		FT.
	SUBS O.D.		FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN		FT.
	TOTAL		FT.
	WT. OF STRING		LBS.

BIT RECORD

BIT NO.	6
SIZE	8¾
MFG.	HTC
TYPE	OSC
NOZZLE NO.	3
NOZZLE SIZE	11/16
SER. NO.	10007
DEPTH OUT	
DEPTH IN	3019
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	5:00
WEIGHT	9-9
VISC.-SEC	36
W.L.-C.C.	
FLTR. CK	
PH	
SD. CONT. %	Salt 100,000 PPM
PRESSURE GRADIENT	

Salt 40 [illegible]

MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT.

DRILLER: H. DeGrow

FOOTAGE / FORMATION

FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
3090	3109			Shale, Lime	70	20	800	5½	65			
2075	2120				100+	[illegible]	500	5½	66			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
2075	2		2100	2+				

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	5:00	1	Drlg.
5:00	8:30	3½	P.O. to Set out 12-6¾ Collars Run [illegible]
8:30	9:30	1 Ream	at 2075 - 2° started Reaming Hole at 2075
9:30	10:15	¾	[illegible]
10:15	12:00	1¾	Reaming.

DRILLING CREW PAYROLL DATA

DATE July 7 1963 Nº 884

WELL NAME & NO. Ladubon (I.G.) Nicolet 1

COMPANY Ladubon Oil Co

TOOL PUSHER ______ RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A. Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm. H. Siddall	8
FIREMAN		Wesley Rheault	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		Ben Benson	8
DRKMAN		L.F. [illegible]	8
MTRMAN		J. Quellin	8
FIREMAN		J. Landry	8
FLRMAN			
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		H. DeGrow	8
DRKMAN		P. Quillen	8
MTRMAN		Joe Hubbard	8
FIREMAN		[illegible]	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ______ SINCE LAST LOST TIME ACCIDENT

Nº 883

DAILY DRILLING REPORT

REPORT NO. 11 DATE

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Lakuboro Oil Co	Lakuboro C&B Nicolet #1			Nicolet	Quebec

CONTRACTOR	RIG NO.	DRILL PIPE STRING NO.	SIZE	TOOL JOINT O.D.	TYPE THD.
NORTH AMERICAN DRILLING COMPANY Union Rotary Drilling Co. Ltd.	4				

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [illegible signature]
SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	1500B	12
2.			
3.			

LAST CASING, TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9 5/8			7			236	

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	7 1/4	7 1/4	6
REAMING			
CONDITIONING MUD & CIRCULATING	1/4		
TRIPS			
LUBRICATE RIG	1/4	1/4	
DEVIATION SURVEY	1/4		
TEST B.O.P.		1/4	
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			1 1/2
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK		
HRS. W/DP		
HRS. WO/DP		
HRS. STANDBY		
TOTAL DAY WORK		

WIRE LINE RECORD

REEL NO.	
NO. OF LINES	6 SIZE 1"
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	STANDS D.P.	2326	FT.
	SINGLES D.P.		FT.
15	D.C. I.D. O.D. 6 3/4	383	FT.
	D.C. I.D. O.D.		FT.
	STB. BODY O.D.		FT.
	STB. BODY O.D.		FT.
	RMR. BODY O.D.		FT.
	SUBS O.D.		FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN	26	FT.
	TOTAL	2735	FT.
	WT. OF STRING	78,000	LBS.

BIT RECORD

BIT NO.	5
SIZE	8 3/4
MFG.	HTC
TYPE	OWV
NOZZLE NO.	3
NOZZLE SIZE	11/16
SER. NO.	8153
DEPTH OUT	
DEPTH IN	2623
TOTAL FTG.	
TOTAL HR. RUN	7 1/2
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	7:00
WEIGHT	9.9
VISC.-SEC	
W.L.-C.C.	
FLTR. CK.	
PH	
SD. CONT. %	
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Salt	20		

DRILLER: A. Cleveland

FOOTAGE FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
2645	2735	D		Shale & Lime	70	20	750	5 1/2	64			

DEVIATION RECORD DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
2675	7°							

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	5:45	5 3/4	Drlg & Conn
5:45	6:30	3/4	Run Sureshot - Jet Pits - Mix Salt Conn - Serv Rig.
6:30	8:00	1 1/2	Drlg

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	STANDS D.P.		FT.
	SINGLES D.P.		FT.
15	D.C. I.D. O.D. 6 3/4	383	FT.
	D.C. I.D. O.D.		FT.
	STB. BODY O.D.		FT.
	STB. BODY O.D.		FT.
	RMR. BODY O.D.		FT.
	SUBS O.D.		FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN		FT.
	TOTAL		FT.
	WT. OF STRING	75,000	LBS.

BIT RECORD

BIT NO.	5
SIZE	8 3/4
MFG.	HTC
TYPE	OWV
NOZZLE NO.	3
NOZZLE SIZE	11/16
SER. NO.	8153
DEPTH OUT	
DEPTH IN	2623
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	8:00
WEIGHT	9.9
VISC.-SEC	37
W.L.-C.C.	
FLTR. CK.	
PH	
SD. CONT. %	Salt 170,000 ppm
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Salt			

DRILLER: Ben Benson

FOOTAGE FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY) Bit #5	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
2735	~~2838~~ 2838	D		Shale & Lime	70	20	750	5 1/2	65			

DEVIATION RECORD DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	9:00	1	Drilling:
9:00	9:30	1/2	Grease & Check Rig: Close & open B.O.P. Alar.
9:30	4:00	6 1/2	Drilling:

Running 20,000# WT 70 R.P.M. For Slope

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	STANDS D.P.	2330	FT.
	SINGLES D.P.	902	FT.
15	D.C. 6 3/4 I.D. O.D.	383	FT.
	D.C. I.D. O.D.		FT.
	STB. BODY O.D.		FT.
	STB. BODY O.D.		FT.
	RMR. BODY O.D.		FT.
	SUBS O.D.		FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN	[illegible]	FT.
	TOTAL	[illegible]	FT.
	WT. OF STRING	[illegible]	LBS.

BIT RECORD

BIT NO.	5
SIZE	8 3/4
MFG.	HTC
TYPE	OWV
NOZZLE NO.	3
NOZZLE SIZE	11/16
SER. NO.	8153
DEPTH OUT	
DEPTH IN	2623
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	5:00
WEIGHT	10
VISC.-SEC	33
W.L.-C.C.	
FLTR. CK.	
PH	
SD. CONT. %	
PRESSURE GRADIENT	Salt [illegible] ppm

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Salt 30 lb			

DRILLER: W. DeBeau

FOOTAGE FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
2838 ~~2838~~	2945 ~~[illegible]~~			Shale & Lime	70	25	750	5 1/2	65			

DEVIATION RECORD DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
2800	7°							

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:50	[illegible]	Service Rig [illegible]
4:50	6:30	2	Drlg.
6:30	7:30	1 1/2	[illegible]
7:30	12:00	4 1/2	Drlg. [illegible]

DRILLING CREW PAYROLL DATA

DATE July 6 1963 Nº 883
WELL NAME & NO. Lakuboro C&B Nicolet #1
COMPANY Lakuboro Oil Co
TOOL PUSHER RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A. Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm Siddall	8
FIREMAN		Webby Rheault	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		Ben Benson	8
DRKMAN		L.E. Thomas	8
MTRMAN		J. Quellin	8
FIREMAN		J. Landry	8
FLRMAN			
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		W. DeBeau	8
DRKMAN		P. Ouellet	8
MTRMAN		Joe Hubbard	8
FIREMAN		Lee Leamon	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

№ 882

DAILY DRILLING REPORT REPORT NO. 10 DA.

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Ladaboro Oil Co	Ladaboro O & G Nicolet #1	1		Nicolet	Quebec

CONTRACTOR	RIG NO.
~~NORTH AMERICAN DRILLING COMPANY~~ Union Rotary Drillers Ltd	4

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature] SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

DRILL PIPE STRING NO. SIZE — TOOL JOINT O.D. TYPE THD.

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	150B	12
2.			
3.			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9 5/8			7			236	

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	6 3/4	4 1/4	1 1/2
REAMING			
CONDITIONING MUD & CIRCULATING	1/2		
TRIPS		1 1/2	1 1/4
LUBRICATE RIG	1/4	1/2	
DEVIATION SURVEY	1/2	1/4	
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG	1/2	1 1/2	5 1/2
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY): DAY WORK; HRS. W/DP; HRS. WO/DP; HRS. STANDBY; TOTAL DAY WORK

WIRE LINE RECORD: REEL NO.; NO. OF LINES 8; SIZE /; FEET SLIPPED; FEET CUT OFF; PRESENT LENGTH; TON MI. OR TRIPS SINCE LAST CUT; CUMULATIVE TON MI. OR TRIPS; NO. OF DAYS FROM SPUD; CUMULATIVE ROTATING HRS.

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	O.D.	FT.
	STANDS D.P.		2147
	SINGLES D.P.		
15	D.C.	6 3/4	383
	KELLY DOWN		40
	TOTAL		2570

BIT RECORD

BIT NO.	4
SIZE	8 3/4
MFG.	HTC
TYPE	OWV
NOZZLE NO.	3
NOZZLE SIZE	1/4
SER. NO.	8150
DEPTH OUT	
DEPTH IN	2223
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	3:00	6:30
WEIGHT	10.1	9.9
VISC.—SEC		
W.L.—C.C.		
FLTR. CK.		
PH		
SD. CONT. %		
PRESSURE GRADIENT		

MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT.

DRILLER: A. Cleveland

FOOTAGE FROM	TO	DR.—D RM.—R CORE.—C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
2450	2541	D		Shale + Lime	60	35	800	7 1/4	47			
2541	2571	D		Shale + Lime	70	15	800	7 1/4				

DEVIATION RECORD DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
2500	7°							

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	1:30	1 1/2	Drlg.
1:30	2:00	1/2	Mud Pump.
2:00	5:00	3	Drlg.
5:00	5:45	3/4	Run Slope Test - Service Rig - Jet Pits - Mix Salt
5:45	8:00	2 1/4	Drlg. & [illegible] hole.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	O.D.	FT.
	STANDS D.P.		
	SINGLES D.P.		
15	D.C.	6 1/4	383
	KELLY DOWN		
	TOTAL		

WT. OF STRING 78,000 LBS.

BIT RECORD

BIT NO.	#4
SIZE	8 3/4
MFG.	HTC
TYPE	OWV
NOZZLE NO.	3
NOZZLE SIZE	1/4
SER. NO.	8150
DEPTH OUT	2623
DEPTH IN	2223
TOTAL FTG.	350
TOTAL HR. RUN	18 1/2
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	8:00
WEIGHT	9.9
VISC.—SEC	37
SD. CONT. %	Salt [illegible]

MUD & CHEMICALS ADDED: Salt —

DRILLER: Ben Benson

FOOTAGE FROM	TO	DR.—D RM.—R CORE.—C	CORE NO.	FORMATION (SHOW CORE RECOVERY) Bit #4	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
2571	2623	D		Shale & Lime	70	20,000	800	7 1/4				

DEVIATION RECORD DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
2561	7°+							

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	10:30	2 1/2	Drilling;
10:30	11:15	3/4	Slope Test; Grease & Check Rig;
11:15	1:00	1 3/4	Drilling
1:00	2:30	1 1/2	1/2 Trip out @ 2623'
2:30	4:00	1 1/2	Change Pump Liners

Running 20,000# wt. & 70 RPM for Slope

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	O.D.	FT.
	STANDS D.P.		2267
	SINGLES D.P.		
17	D.C.	6 1/4	583
	KELLY DOWN		
	TOTAL		

BIT RECORD

BIT NO.	5
SIZE	8 3/4
MFG.	HTC
TYPE	OWV
NOZZLE NO.	3
NOZZLE SIZE	1/4
SER. NO.	[illegible]
DEPTH OUT	
DEPTH IN	2623
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD: TIME; WEIGHT; VISC.—SEC; W.L.—C.C.; FLTR. CK.; PH; SD. CONT. %; PRESSURE GRADIENT

MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT.

DRILLER: H. De Graw

FOOTAGE FROM	TO	DR.—D RM.—R CORE.—C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
2623	2645	D		Shale & Lime	75	30	800	5 1/2	66			

DEVIATION RECORD DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	9:00	5	[illegible]
			Installed Hydrill BOP [illegible]
9:00	10:15	1 1/4	Change Bit [illegible] on Hole at 10:15
10:15	10:45	1/2	Drlg.
10:45	11:15	1/2	[illegible]
11:15	12:00	3/4	Drlg.

DRILLING CREW PAYROLL DATA

DATE July 5 1963 № 882

WELL NAME & NO. Ladaboro O & G Nicolet #1

COMPANY Ladaboro Oil Co

TOOL PUSHER — RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A. Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm H Siddall	8
FIREMAN		Willy Theault	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		Ben Benson	8
DRKMAN		L. L. Thomas	8
MTRMAN		J. Guellet	8
FIREMAN		J. Landry	8
FLRMAN			
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		H. De Graw	8
DRKMAN		[illegible]	8
MTRMAN		[illegible] Hubbard	8
FIREMAN		[illegible]	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

№ 881

DAILY DRILLING REPORT

REPORT NO. 10 DATE

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Ladubora Oil Co	Ladubora O&G Nicolet #1			Nicolet	Quebec

CONTRACTOR: NORTH AMERICAN DRILLING COMPANY / Union Rotary Drillers Co. Ltd. — RIG NO. 4

DRILL PIPE STRING: NO. / SIZE — TOOL JOINT O.D. — TYPE THD.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: Thos. W. [illegible]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

PUMPS NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	150B	12
2.			
3.			

LAST CASING, TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
	9 5/8			7			236	

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	7 3/4	4 1/4	7
REAMING			
CONDITIONING MUD & CIRCULATING	1/4		
TRIPS		3	
LUBRICATE RIG		1/4	1/4
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			1/4
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK — HRS. W/DP — HRS. WO/DP — HRS. STANDBY — TOTAL DAY WORK

WIRE LINE RECORD

REEL NO.	
NO. OF LINES	8 SIZE 1"
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

Drilling assembly at end of tour: Stands D.P. 1820 ft.; Singles D.P. — ft.; D.C. 15, I.D./O.D. 6 1/4, 383 ft.; Kelly down 15 ft.; Total 2218 ft.; Wt. of string — lbs.

Bit record: Bit no. 3; Size 8 3/4; Mfg. Sec. [illegible]; Type T2; Nozzle no. 3, size 11/16; Ser. no. 77979; Depth out —; Depth in 1902; Total ftg. —; Total hr. run —; Cond. of bit —; Reamer no. —; Reamer type —

Mud record: Time 3:00 / 6:30; Weight 9.6 / 9.6. Mud & chemicals added: Salt 10

DRILLER: A. Cleveland

Footage: From 2106 To 2218, D — Formation: Shale & lime (grey) — Rotary RPM 60, Wt. on bit 35, Pump press 800, Liner size 7 1/4, S.P.M. 47

DEVIATION RECORD: —

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	5:45	5 3/4	Drlg & Conn
5:45	6:00	1/4	Lub. Mix Salt - Conn
6:00	8:00	2	Drlg.

DAY TOUR

Drilling assembly at end of tour: Stands D.P. — ft.; D.C. 15, 6 1/4 I.D./O.D., 383 ft.; Total 2290 ft.; Wt. of string 70,000 lbs.

Bit record: Bit no. 3 / 4; Size 8 3/4 / 8 3/4; Mfg. [illegible] / HTC; Type T2 / OWV; Nozzle no. 3 / 3, size 11/16 / 11/16; Ser. no. 77979; Depth out 2273; Depth in 1902 / 2273; Total ftg. 371; Total hr. run 16 1/2

Mud record: Mud & chemicals added: Salt 10

DRILLER: Ben Benson

Footage: From 2218 To 2290, D — Rotary RPM 60, Wt. on bit 35, Pump press 800, Liner size 7 1/4, S.P.M. 47

DEVIATION RECORD: Depth 2000' Dev. 1 1/2°

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	9:15	1 1/4	Drilling:
9:15	9:30	1/4	Grease & Check [illegible]:
9:30	12:00	2 1/2	Drilling:
12:00	3:00	3	Trip & Strap Pipe:
3:00	4:00	1	Drilling

Pipe Strap - Tally - 2273 - Strap - 2274.29 No Corr.

EVENING TOUR

Drilling assembly at end of tour: Stands D.P. 2027 ft.; D.C. 15, 6 3/4, 383 ft.; Kelly down 40 ft.; Total 2450 ft.; Wt. of string 73,000 lbs.

Bit record: Bit no. 4; Size 8 3/4; Mfg. HTC; Type OWV; Nozzle no. 3, size 11/16; Depth in 2273; Total hr. run 8

Mud record: Time 6:00; Weight 10; Visc.-sec 34; Salt 160000 PPM. Mud & chemicals added: SALT 10 sk

DRILLER: H. De Grace

Footage: From 2290 To 2450 — Formation: Lime & Shale — Rotary RPM 60, Wt. on bit 35, Pump press 750, Liner size 7 1/4, S.P.M. 46

LAST DEVIATION RECORD: Depth 2000 Dev. 1 1/2

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:30	1/2	Drlg
4:30	4:45	1/4	Service Rig [illegible] Pits & Conn
4:45	12:00	6 1/2	Drlg [illegible] Pits & Conn.

DRILLING CREW PAYROLL DATA

DATE July 4 1963 — № 881

WELL NAME & NO. Ladubora O&G Nicolet #1

COMPANY Ladubora Oil Co

TOOL PUSHER — RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		H Cleveland	8
DRKMAN		Tom Saunders	8
MTRMAN		Wm H Siddall	8
FIREMAN		Welby Rheault	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		Ben Benson	8
DRKMAN		A. E. Thomas	8
MTRMAN		J. Ouellet	8
FIREMAN		J. Landry	8
FLRMAN			
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		H. De Grace	8
DRKMAN		R. Quillin	8
MTRMAN		[illegible] Holland	8
FIREMAN		[illegible]	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

NORTH AMERICAN DRILLING COMPANY

Union Rotary Driller Can Ltd

[illegible] Co — Ladaboro CIG Nicolet 1-1

RIG NO.	DRILL PIPE STRING NO.	SIZE	TOOL JOINT O.D.	TYPE THD.	WELL NO.	FIELD OR DIST.	COUNTY	STATE
4					1		Nicolet	Quebec

SIGNATURE OF OPERATOR'S REPRESENTATIVE: Thos. W. [illegible]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	1508	12
2.			
3.			

LAST CASING, TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9⅝			7			236	

DRILLING CREW PAYROLL DATA

DATE: July 3 1963 — Nº 880

WELL NAME & NO.: Ladaboro CIG Nicolet 1

COMPANY: Ladaboro Oil Co

TOOL PUSHER: ______ RIG NO. 4

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	6	2¼	3
REAMING		¾	
CONDITIONING MUD & CIRCULATING Set	¾	3¼	
TRIPS	¾	1¼	
LUBRICATE RIG	¼	½	½
DEVIATION SURVEY			
TEST B.O.P.		✓	
CUT OFF DRILLING LINE			
REPAIR RIG	½		
CORING			
WIRE LINE LOGGING			¼
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK		
HRS. W/DP		
HRS. WO/DP		
HRS. STANDBY		
TOTAL DAY WORK		

WIRE LINE RECORD

REEL NO.	
NO. OF LINES	8 SIZE 1"
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM		
	STANDS D.P.	1489	FT.
	SINGLES D.P.		FT.
15	D.C. I.D. 6 O.D.	383	FT.
	D.C. I.D. O.D.		FT.
	STB. BODY O.D.		FT.
	STB. BODY O.D.		FT.
	RMR. BODY O.D.		FT.
	SUBS O.D.		FT.
	BIT OR C.B.		FT.
	KELLY DOWN	30	FT.
	TOTAL	1902	FT.
	WT. OF STRING	68,000	LBS.

BIT RECORD

BIT NO.	2
SIZE	8¾
MFG.	HTC
TYPE	OSC3
NOZZLE NO.	3
NOZZLE SIZE	11/16
SER. NO.	5278
DEPTH OUT	1902
DEPTH IN	1191
TOTAL FTG.	711
TOTAL HR. RUN	22
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	3:00	6:30
WEIGHT	10.6	10.4
VISC.—SEC		
W.L.—C.C.		
FLTR. CK.		
PH		
SD. CONT. %		
PRESSURE GRADIENT		

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Salt	20		

DRILLER: A. Cleveland

FOOTAGE / FORMATION

FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
1780	1850	D		Shale & Lime	60	35	750	7¼	47			
1850	1902	D		Lime & Shale								

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	1:15	1¼	Drly
1:15	1:45	½	Cary Check Rig Mud Pumps - Mud Line
1:45	5:15	3½	Drly
5:15	6:00	¾	Set Pits Mix Salt.
6:00	7:15	1¼	Drly
7:15	8:00	¾	Pulling For Bit

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A. Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm H Tindall	8
FIREMAN		Willy Rheault	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ______ SINCE LAST LOST TIME ACCIDENT

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM		
	STANDS D.P.		FT.
	SINGLES D.P.		FT.
15	D.C. I.D. 6¼ O.D.	383	FT.
	D.C. I.D. O.D.		FT.
	STB. BODY O.D.		FT.
	STB. BODY O.D.		FT.
	RMR. BODY O.D.		FT.
	SUBS O.D.		FT.
	BIT OR C.B.		FT.
	KELLY DOWN		FT.
	TOTAL		FT.
	WT. OF STRING	68,000	LBS.

BIT RECORD

BIT NO.	3
SIZE	8¾
MFG.	Smith
TYPE	T2
NOZZLE NO.	3
NOZZLE SIZE	11/16
SER. NO.	77979
DEPTH OUT	
DEPTH IN	1902
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	35
WEIGHT	9.7
VISC.—SEC	
W.L.—C.C.	
FLTR. CK.	
PH	
SD. CONT. %	Salt - 170,000 PPM
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Salt	38 sks		
Mixing Water:			

DRILLER: Ben Benson

FOOTAGE / FORMATION Bit # 3

FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
1902	1945	-D-		Gray Shale & Lime:	60	35	750	7¾	47			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:30	½	Finish Trip out:
8:30	9:00	½	Grease & Check Rig: Change Oil & Filters in Pump [illegible]
9:00	12:15	3¼	Jet & Clean Pits all out Hauling Water Mixing Salt:
12:15	1:00	¾	Trip in @ 1902: Close & Open B.O.P's
1:00	1:45	¾	Wash & Ream To Bottom 25' Fill up:
1:45	4:00	2¼	Drilling:

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		Ben Benson	8
DRKMAN		L.E. Turcotte	8
MTRMAN		J. Ouellet	8
FIREMAN		J. Landry	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ______ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM		
	STANDS D.P.	1801	FT.
	SINGLES D.P.		FT.
15	D.C. 6¼ I.D. O.D.	383	FT.
	D.C. I.D. O.D.		FT.
	STB. BODY O.D.		FT.
	STB. BODY O.D.		FT.
	RMR. BODY O.D.		FT.
	SUBS O.D.		FT.
	BIT OR C.B.		FT.
	KELLY DOWN	18	FT.
	TOTAL	2106	FT.
	WT. OF STRING	70,000	LBS.

BIT RECORD

BIT NO.	3
SIZE	8¾
MFG.	Smith
TYPE	T2
NOZZLE NO.	[illegible]
NOZZLE SIZE	
SER. NO.	77979
DEPTH OUT	
DEPTH IN	1902
TOTAL FTG.	
TOTAL HR. RUN	7½
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	5:00
WEIGHT	9.7
VISC.—SEC	32
W.L.—C.C.	
FLTR. CK	
PH	
SD. CONT. %	117,500 PPM
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Salt	100		

DRILLER: Hank DeGraw

FOOTAGE / FORMATION

FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
1945	2106			Shale & Lime Gray	60	35	750	7½	46			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	5:00	1	Drlg
5:00	5:15	¼	Service Rig [illegible] collar [illegible]
5:15	11:00	5¾	Drlg [illegible]
11:00	12:00	1	[illegible]
			[illegible]

EVENING TOUR 4:00 P.M. 12:00 P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		H. DeGraw	8
DRKMAN		P. Quillen	8
MTRMAN		Joe Hubbard	8
FIREMAN		[illegible] Lemaire	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ______ SINCE LAST LOST TIME ACCIDENT

FORM 37-4 PRINTED IN U.S.A. — APPROVED — APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

APPROVED — APPROVED

No. 879

DAILY DRILLING REPORT

REPORT NO. 8 DATE 7-3

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Ladubora Oil Co	Ladubora C.D.M. Nicolet #1	1		Nicolet	Quebec

CONTRACTOR	RIG NO.
NORTH AMERICAN DRILLING COMPANY Union Rotary Drilling Co. Ltd	4

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: [signature]

DRILL PIPE STRING: NO. / SIZE — TOOL JOINT O.D. — TYPE THD.

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	150B	12
2.			
3.			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	BKB. TO CSG. HD.	SET AT	REMARKS
9 5/8			7			236	

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	4 3/4	7 1/2	7
REAMING			
CONDITIONING MUD & CIRCULATING	1/4		
TRIPS	3		
LUBRICATE RIG	1/4	1/4	1/2
DEVIATION SURVEY		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			
OTHER			1/2
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY): DAY WORK — HRS. W/DP — HRS. WO/DP — HRS. STANDBY — TOTAL DAY WORK

WIRE LINE RECORD

REEL NO.	
NO. OF LINES	8 — SIZE 1
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	
	STANDS D.P.	815 FT.
	SINGLES D.P.	FT.
15	D.C. I.D. O.D.	382 FT.
	D.C. I.D. O.D.	FT.
	STB. BODY O.D.	FT.
	STB. BODY O.D.	FT.
	RMR. BODY O.D.	FT.
	SUBS O.D.	FT.
	BIT OR C.B.	FT.
	KELLY DOWN	22 FT.
	TOTAL	1320 FT.
	WT. OF STRING	62,000 LBS.

BIT RECORD

BIT NO.	1	2
SIZE	8 3/4	8 3/4
MFG.	HTC	HTC
TYPE	OSC-3	OSC-3
NOZZLE NO.	3	3
NOZZLE SIZE	11/16	11/16
SER. NO.	8801	8278
DEPTH OUT	1191	
DEPTH IN	236	1191
TOTAL FTG.	955	
TOTAL HR. RUN	21	2 1/2
COND. OF BIT	T-3 B-1	
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME	5:00
WEIGHT	9.6
VISC.—SEC	
W.L.—C.C.	
FLTR. CK.	
PH	
SD. CONT. %	
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Salt	10		

DRILLER: A Cleveland

FOOTAGE / FORMATION

FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
1158	1320	D		Shale (Grey) Lime	60	30	700	7 1/4	53			

DEVIATION RECORD: DEPTH — DEV. — DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	1:00	1	Drlg.
1:00	4:00	3	Trip. & Check Rig.
4:00	5:45	1 3/4	Drlg.
5:45	6:00	1/4	Set Pits - Mix Salt
6:00	8:00	2	

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	
17	STANDS D.P.	FT.
2	SINGLES D.P.	FT.
15	D.C. 6 1/4 I.D. O.D.	383 FT.
	D.C. I.D. O.D.	FT.
	STB. BODY O.D.	FT.
	STB. BODY O.D.	FT.
	RMR. BODY O.D.	FT.
	SUBS O.D.	FT.
	BIT OR C.B.	FT.
	KELLY DOWN	FT.
	TOTAL	1585 FT.
	WT. OF STRING	63,000 LBS.

BIT RECORD

BIT NO.	# 2
SIZE	8 3/4
MFG.	HTC
TYPE	OSC3
NOZZLE NO.	3
NOZZLE SIZE	11/16
SER. NO.	8278
DEPTH OUT	
DEPTH IN	1191
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	10:00	
WEIGHT	9.7	
VISC.—SEC	37	
W.L.—C.C.		
FLTR. CK.		
PH		
SD. CONT. % / Salt	10:00	150,000 PPM
PRESSURE GRADIENT	4:00	165,000 PPM

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Salt	20	sks	
"	20	"	

DRILLER: Ben Benson

FOOTAGE / FORMATION (BIT #2)

FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
1320	1585	D		Grey Shale Sand Lime	60	35	750	7 1/4	45			

DEVIATION RECORD: DEPTH 1510 — DEV. 1 1/2

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:30	1/2	Drilling:
8:30	8:45	1/4	Grease & Check Rig:
8:45	2:00	5 1/4	Drilling:
2:00	2:30	1/2	Slope Test:
2:30	4:00	1 1/2	Drilling:
			Changed Oil & Filters Draw W. Motors:

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	
	STANDS D.P.	FT.
	SINGLES D.P.	FT.
15	D.C. 6 1/4 I.D. O.D.	383 FT.
	D.C. I.D. O.D.	FT.
	STB. BODY O.D.	FT.
	STB. BODY O.D.	FT.
	RMR. BODY O.D.	FT.
	SUBS O.D.	FT.
	BIT OR C.B.	FT.
	KELLY DOWN	39 FT.
	TOTAL	1780 FT.
	WT. OF STRING	LBS.

BIT RECORD

BIT NO.	2
SIZE	8 3/4
MFG.	HTC
TYPE	OSC-3
NOZZLE NO.	3
NOZZLE SIZE	11/16
SER. NO.	
DEPTH OUT	8278
DEPTH IN	1191
TOTAL FTG.	
TOTAL HR. RUN	16
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	8:00	
WEIGHT	10	
VISC.—SEC	40	
W.L.—C.C.		
FLTR. CK.		
PH		
SD. CONT. %	[illegible]	[illegible] PPM
PRESSURE GRADIENT		

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Salt	15 sks		

DRILLER: Hank DeShaw

FOOTAGE / FORMATION

FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
1585	1780				60	35	750	7 1/4	45			

DEVIATION RECORD: DEPTH — DEV. — DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	5:00	1	Drlg
5:00	5:30	1/2	Service Rig [illegible]
5:30	12:00	6 1/2	Drlg & Cond.

DRILLING CREW PAYROLL DATA

DATE July 2 1963 — No. 879

WELL NAME & NO. Ladubora C.D.M. Nicolet #1

COMPANY Ladubora Oil Co

TOOL PUSHER [illegible] — RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A Cleveland	8
DRKMAN		Glen Sanders	8
MTRMAN		Wm H Tiddall	8
FIREMAN		Willy Rheault	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		Ben Benson	8
DRKMAN		L. F. Thomas	8
MTRMAN		J. Quellin	8
FIREMAN		J. Landry	8
FLRMAN			
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		H. DeCrow	8
DRKMAN		[illegible]	8
MTRMAN		Joe Hubbard	8
FIREMAN		[illegible]	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

FORM 37-4 PRINTED IN U.S.A. — APPROVED — APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

APPROVED — APPROVED

№ 877

DAILY DRILLING REPORT

REPORT NO. 6 DATE 6-30-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Laduboro Oil co	Laduboro C.I.D. Nicolet #1	1		Nicolet	Quebec

CONTRACTOR	RIG NO.
NORTH AMERICAN DRILLING COMPANY Union Rotary Corp. Can LTD.	4

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [illegible signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

DRILL PIPE STRING — NO. / SIZE; TOOL JOINT O.D.; TYPE THD.

PUMPS NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	150B	12
2.			
3.			

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
	9⅝			7			236	

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			[illegible]
REAMING			[illegible]
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			[illegible]
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS			

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK	
HRS. W/DP	
HRS. WO/DP	
HRS. STANDBY	
TOTAL DAY WORK	

WIRE LINE RECORD

REEL NO.	
NO. OF LINES / SIZE	
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR: STANDS D.P. FT.; SINGLES D.P. FT.; D.C. I.D. O.D. FT.; D.C. I.D. O.D. FT.; STB. BODY O.D. FT.; STB. BODY O.D. FT.; RMR. BODY O.D. FT.; SUBS O.D. FT.; BIT OR C.B. FT.; FT.; KELLY DOWN FT.; TOTAL FT.; WT. OF STRING LBS.

BIT RECORD: BIT NO.; SIZE; MFG.; TYPE; NOZZLE NO./SIZE; SER. NO.; DEPTH OUT; DEPTH IN; TOTAL FTG.; TOTAL HR. RUN; COND. OF BIT; REAMER NO.; REAMER TYPE

MUD RECORD: TIME; WEIGHT; VISC.—SEC; W.L.—C.C.; FLTR. CK.; PH; SD. CONT. %; PRESSURE GRADIENT

MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT.

DRILLER: A. Cleveland

FOOTAGE FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN

DEVIATION RECORD: DEPTH / DEV. / DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	8:00	8	W.O.C. Installing B.O.P.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR / BIT RECORD / MUD RECORD (WEIGHT [illegible]; VISC.—SEC [illegible]; W.L.—C.C. [illegible]) / MUD & CHEMICALS ADDED

DRILLER: Ben Benson

FOOTAGE FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN

DEVIATION RECORD: DEPTH / DEV. / DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	4:00	8	W.O.C. Nippling up B.O.P.; Changing Pipe Rams to [illegible]

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

BIT RECORD: BIT NO. 1; SIZE [illegible]; MFG. [illegible]; TYPE [illegible]; NOZZLE [illegible]; DEPTH OUT [illegible]; TOTAL FTG. 236

MUD RECORD: WEIGHT [illegible]; VISC.—SEC [illegible]; W.L.—C.C. [illegible]

DRILLER: H. De Graw

FOOTAGE FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
236	345			Sandstone Shale [illegible]								

DEVIATION RECORD: DEPTH / DEV. / DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	5:00	1	Finished nippling up
5:00	5:45	¾	[illegible] in hole [illegible] Bit top Cmt @ 230'
5:45	6:15	½	Pressure up on B.O.P. 1000 psi for 15 min ok
6:15	7:00	¾	Drill & Set mouse hole.
7:00	8:15	1¼	Pick up 6¾ Drill Collars.
8:15	8:50	[illegible]	Drlg
8:50	9:20	½	Pressure up on 9⅝ [illegible] 500 lbs 15 min Held ok.
9:20	9:30	[illegible]	[illegible]

DRILLING CREW PAYROLL DATA

№ 877

DATE June 30 1963

WELL NAME & NO. Laduboro C.I.D. Nicolet #1

COMPANY Laduboro Oil co

TOOL PUSHER ________ RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A. Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm H. Siddall	8
FIREMAN		Jules Landry	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		Ben Benson	8
DRKMAN		L.E. Thomas	8
MTRMAN		J. Quillen	8
FIREMAN			8
FLRMAN			
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		H. De Graw	8
DRKMAN		P. [illegible]	8
MTRMAN		[illegible]	8
FIREMAN		[illegible]	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

FORM 37-6 PRINTED IN U.S.A. APPROVED APPROVED

A.A.O.D.C.—A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

APPROVED APPROVED

№ 876

DAILY DRILLING REPORT REPORT NO. 6 DATE 6-29-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Ladubore Oil Co	Ladubore O.G. Nicolet #1	1		Nicolet	Quebec

CONTRACTOR	RIG NO.
~~NORTH AMERICAN DRILLING COMPANY~~ Union Rotary Drillers Can Ltd	4

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]
SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

DRILL PIPE STRING: NO. / SIZE — TOOL JOINT — O.D. — TYPE THD.

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	150 B	12
2.			
3.			

LAST CASING TUBING OR LINER: SIZE / MAKE / WT. & GR. / NO. JOINTS / FEET / RKB. TO CSG. HD. / SET AT / REMARKS

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR — BIT RECORD — MUD RECORD (blank)

DRILLER: A Cleveland

FOOTAGE FROM	TO	FORMATION (SHOW CORE RECOVERY)	PUMP NO. LINER SIZE
235			7¼

DEVIATION RECORD: DEPTH / DEV. / DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	2:00	2	Running 9⅝ Csg
2:00	8:00	6	Circulate

DAY TOUR

DRILLER: Ben Benson

FOOTAGE FROM	TO	FORMATION (SHOW CORE RECOVERY)
	235	Surface TD;

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
			Grease & Check Rig:
8:00	10:30	2½	Cir-9⅝ Casing & Waiting on Cement Truck:
10:30	2:00	3½	No Cement Truck; Mixed Cement Through
			Mud Hopper To Tank; Cemented Casing
			Plug Down 2:00 P.M.
2:00	4:00	2	Jet all pits & Cellar;

EVENING TOUR

DRILLER: [illegible]

FOOTAGE FROM	TO
235	T.D.

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	12:00	8	W.O.C. Mix [illegible] Salt
			[illegible] for BOP

MUD & CHEMICALS ADDED: TYPE Salt, AMT. 160

TIME DISTRIBUTION—HOURS

RIG 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. SWABBING, D. TESTING, E. ADDITIONAL); TOTALS

TIME SUMMARY (OFFICE USE ONLY): DAY WORK; HRS. W/DP; HRS. WO/DP; HRS. STANDBY; TOTAL DAY WORK

WIRE LINE RECORD: REEL NO.; NO. OF LINES; SIZE; FEET SLIPPED; FEET CUT OFF; PRESENT LENGTH; TON MI. OR TRIPS SINCE LAST CUT; CUMULATIVE TON MI. OR TRIPS; NO. OF DAYS FROM SPUD; CUMULATIVE ROTATING HRS.

DRILLING CREW PAYROLL DATA

DATE June 29 1963 № 876
WELL NAME & NO. Ladubore O.G. Nicolet #1
COMPANY Ladubore Oil Co
TOOL PUSHER ______ RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A Cleveland	8
DRKMAN		Leon Sanders	8
MTRMAN		Wm H Siddall	8
FIREMAN		Jules Landry	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		Ben Benson	8
DRKMAN		L.E. Thomas	8
MTRMAN		J. Quillon	8
FIREMAN		W. Barault	8
FLRMAN			
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		[illegible]	8
DRKMAN		[illegible]	8
MTRMAN		[illegible]	8
FIREMAN		[illegible]	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

WELL NO.	FIELD OR DIST.	COUNTY	STATE
C. L. G. Miclet I		Miclet	Quebec

Rig No. 4

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: [illegible] W. [illegible]

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	150 B	12
2.			
3.			

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL		6	
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG		1/4	
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 [illegible]		1	
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS		8	

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			

WIRE LINE RECORD

REEL NO.	
NO. OF LINES	8 SIZE 1
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
STANDS D.P. FT.		BIT NO.	A	TIME	
SINGLES D.P. FT.		SIZE	13 3/4	WEIGHT	
D.C. I.D. O.D. FT.		MFG.	Re RUN	VISC.—SEC	
D.C. I.D. O.D. FT.		TYPE		W.L.—C.C.	
STB. BODY O.D. FT.		NOZZLE NO. SIZE		FLTR. CK.	
STB. BODY O.D. FT.		SER. NO.		PH	
RMR. BODY O.D. FT.		DEPTH OUT		SD. CONT. %	
SUBS O.D. FT.		DEPTH IN		PRESSURE GRADIENT	
BIT OR C.B. FT.		TOTAL FTG.			
FT.		TOTAL HR. RUN			
KELLY DOWN FT.		COND. OF BIT			
TOTAL FT.		REAMER NO.			
WT. OF STRING LBS.		REAMER TYPE		DRILLER	A. Cleveland

MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT.

FOOTAGE FROM	TO	DR—D RM—R CORE—C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
46	78			Drift - Clay & Gravel								
78	120			Shale - Lime Shells								

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	85	0							

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	8.00	8	Drlg - Conn. - Rig Shape Test

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
STANDS D.P. FT.	96	BIT NO.	A	TIME	2:00
SINGLES D.P. FT.		SIZE	13 3/4	WEIGHT	
D.C. 3 7" I.D. O.D. FT.	81	MFG.	Re	VISC.—SEC	42
D.C. I.D. O.D. FT.		TYPE		W.L.—C.C.	
STB. BODY O.D. FT.		NOZZLE NO. SIZE		FLTR. CK.	
STB. BODY O.D. FT.		SER. NO.		PH	
RMR. BODY O.D. FT.		DEPTH OUT		SD. CONT. %	
SUBS O.D. FT.		DEPTH IN	0	PRESSURE GRADIENT	
BIT OR C.B. FT.		TOTAL FTG.			
FT.		TOTAL HR. RUN			
KELLY DOWN FT.	14	COND. OF BIT			
TOTAL FT.	191	REAMER NO.			
WT. OF STRING LBS.	15,000	REAMER TYPE		DRILLER	W. DeGraw

MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT.

FOOTAGE FROM	TO	DR—D RM—R CORE—C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
120	191			Gray Sh. + Lime Str.	90		250					

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:45	3/4	Check Rig - Conn.
8:45	10:45	2	Drlg
10:45	11:00	1/4	Conn. - [illegible]
11:00	2:00	3	Drlg
2:00	3:00	1	[illegible]
3:00	4:00	1	Drlg

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
STANDS D.P. FT.	126	BIT NO.	A	TIME	5:00
SINGLES D.P. FT.		SIZE	13 3/4	WEIGHT	
D.C. 3 7" I.D. O.D. FT.	81	MFG.	H	VISC.—SEC	42
D.C. I.D. O.D. FT.		TYPE		W.L.—C.C.	
STB. BODY O.D. FT.		NOZZLE NO. SIZE	Re	FLTR. CK	
STB. BODY O.D. FT.		SER. NO.		PH	
RMR. BODY O.D. FT.		DEPTH OUT	235	SD. CONT. %	
SUBS O.D. FT.		DEPTH IN	0	PRESSURE GRADIENT	
BIT OR C.B. FT.		TOTAL FTG.	235		
FT.		TOTAL HR. RUN			
KELLY DOWN FT.	28	COND. OF BIT			
TOTAL FT.	235	REAMER NO.			
WT. OF STRING LBS.	20,000	REAMER TYPE		DRILLER	W. DeGraw

MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT.

FOOTAGE FROM	TO	DR—D RM—R CORE—C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
191	235	4 D		Gray Sandstone	90	All	250					
		13 1/2										

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	200	3/4°							

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	5:00	1	Drlg
5:00	5:15	1/4	[illegible]
5:15	7:45	2 1/2	Drlg
7:45	8:00	1/4	[illegible]
8:00	10.00	2	Drlg
10:00	11:00	1	Drlg [illegible] 235' [illegible]
11:00	11:45	3/4	[illegible]
11:45	12:00	1/4	[illegible]

DRILLING CREW PAYROLL DATA

DATE June 28 1963 № 875

WELL NAME & NO. Ladubar C. L. G. Miclet I

COMPANY Ladubar Oil Co.

TOOL PUSHER ______ RIG NO. 4

MORNING TOUR ______ P.M. ______ A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A. Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		W. H. Siddall	8
FIREMAN		Jules Landry	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		W. DeGraw	8
DRKMAN		L.E. Thomas	8
MTRMAN		James Quillen	8
FIREMAN		[illegible]	8
FLRMAN			
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		W. DeGraw	8
DRKMAN		[illegible]	8
MTRMAN		[illegible]	8
FIREMAN		[illegible]	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ______ SINCE LAST LOST TIME ACCIDENT

Nº 874

DAILY DRILLING REPORT

REPORT NO. 3 DATE

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Lakeboro Oil Co Ltd	Lakeboro O.G. Nicolet #1			Nicolet	Quebec

CONTRACTOR	RIG NO.	DRILL PIPE STRING NO. / SIZE	TOOL JOINT O.D. / TYPE THD.
NORTH AMERICAN DRILLING COMPANY	4		

SIGNATURE OF OPERATOR'S REPRESENTATIVE: Theo W. [illegible]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	1500	12
2.			
3.			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	BKG. TO CSG. HD.	SET AT	REMARKS

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG 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. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS			

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK	
HRS. W/DP	
HRS. NO/DP	
HRS. STANDBY	
TOTAL DAY WORK	

WIRE LINE RECORD

REEL NO.	
NO. OF LINES / SIZE	
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
STANDS D.P. FT.		BIT NO.		TIME	
SINGLES D.P. FT.		SIZE		WEIGHT	
D.C. I.D. O.D. FT.		MFG.		VISC.—SEC	
D.C. I.D. O.D. FT.		TYPE		W.L.—C.C.	
STB. BODY O.D. FT.		NOZZLE NO. / SIZE		FLTR. CK.	
STB. BODY O.D. FT.		SER. NO.		PH	
RMR. BODY O.D. FT.		DEPTH OUT		SD. CONT. %	
SUBS O.D. FT.		DEPTH IN		PRESSURE GRADIENT	
BIT OR C.B. FT.		TOTAL FTG.		MUD & CHEMICALS ADDED: TYPE / AMT.	Gel [illegible]
KELLY DOWN FT.		TOTAL HR. RUN			
TOTAL FT.		COND. OF BIT			
WT. OF STRING LBS.		REAMER NO. / REAMER TYPE		DRILLER	A Cleveland

FOOTAGE FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C

DEVIATION RECORD: DEPTH / DEV. / DIRECTION —

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8 00	12 00	4	Rig up
12 00	4 00	4	Rig up Mix Mud

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
STANDS D.P. FT.		BIT NO.		TIME	
SINGLES D.P. FT.		SIZE		WEIGHT	
D.C. I.D. O.D. FT.		MFG.		VISC.—SEC	
D.C. I.D. O.D. FT.		TYPE		W.L.—C.C.	
STB. BODY O.D. FT.		NOZZLE NO. / SIZE		FLTR. CK.	
STB. BODY O.D. FT.		SER. NO.		PH	
RMR. BODY O.D. FT.		DEPTH OUT		SD. CONT. %	
SUBS O.D. FT.		DEPTH IN		PRESSURE GRADIENT	
BIT OR C.B. FT.		TOTAL FTG.		MUD & CHEMICALS ADDED: TYPE / AMT.	
KELLY DOWN FT.		TOTAL HR. RUN			
TOTAL FT.		COND. OF BIT			
WT. OF STRING LBS.		REAMER NO. / REAMER TYPE		DRILLER	

FOOTAGE FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C

DEVIATION RECORD: DEPTH / DEV. / DIRECTION —

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
STANDS D.P. FT.		BIT NO.	7	TIME	11:00
SINGLES D.P. FT.		SIZE	12¼	WEIGHT	
D.C. I.D. O.D. FT.		MFG.		VISC.—SEC	40
D.C. I.D. O.D. FT.		TYPE	[illegible]	W.L.—C.C.	
STB. BODY O.D. FT.		NOZZLE NO. / SIZE		FLTR. CK.	
STB. BODY O.D. FT.		SER. NO.		PH	
RMR. BODY O.D. FT.		DEPTH OUT		SD. CONT. %	
SUBS O.D. FT.		DEPTH IN	0	PRESSURE GRADIENT	
BIT OR C.B. FT.		TOTAL FTG.		MUD & CHEMICALS ADDED: TYPE / AMT.	[illegible]
KELLY DOWN FT.		TOTAL HR. RUN			
TOTAL FT.		COND. OF BIT			
WT. OF STRING LBS.		REAMER NO. / REAMER TYPE		DRILLER	H De Graw

FOOTAGE FROM	TO	DR.-D RM.-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
0	46			Drift			300					

DEVIATION RECORD: DEPTH / DEV. / DIRECTION —

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4 00	6 00	2	Mixing Mud
6 00	7 00	1	[illegible]
7 00	9 00	2	Mixing Mud
9 00	12 00	3	[illegible] 12¼ Hole [illegible]

DRILLING CREW PAYROLL DATA

DATE June 27 1963 Nº 874

WELL NAME & NO. Lakeboro O.G. Nicolet #1

COMPANY Lakeboro Oil Co

TOOL PUSHER RIG NO. 4

MORNING TOUR ___ P.M. ___ A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A Cleveland	8
DRKMAN		Ross Sanders	8
MTRMAN		Wm H Siddall	8
FIREMAN		Julius Sandberg	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

DAY TOUR ___ A.M. ___ P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER			
DRKMAN		T C Thomas	8
MTRMAN		James Quillon	8
FIREMAN		Wesley Breault	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		H De Graw	8
DRKMAN		P Quillon	8
MTRMAN		Joe Hubbard	8
FIREMAN		Lee Loomis	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

Nº 873

DAILY DRILLING REPORT

REPORT NO. DATE

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
[illegible] Oil Co	[illegible]	1			[illegible]

CONTRACTOR	RIG NO.	DRILL PIPE STRING NO.	SIZE	TOOL JOINT O.D.	TYPE THD.
NORTH AMERICAN DRILLING COMPANY	4				

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

PUMPS NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.			
2.			
3.			

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG 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. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS			

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK	
HRS. W/DP	
HRS. NO/DP	
HRS. STANDBY	
TOTAL DAY WORK	

WIRE LINE RECORD

REEL NO.	
NO. OF LINES / SIZE	
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR: STANDS D.P. FT. / SINGLES D.P. FT. / D.C. I.D. O.D. FT. / D.C. I.D. O.D. FT. / STB. BODY O.D. FT. / STB. BODY O.D. FT. / RMR. BODY O.D. FT. / SUBS O.D. FT. / BIT OR C.B. FT. / FT. / KELLY DOWN FT. / TOTAL FT. / WT. OF STRING LBS.

BIT RECORD: BIT NO. / SIZE / MFG. / TYPE / NOZZLE NO. SIZE / SER. NO. / DEPTH OUT / DEPTH IN / TOTAL FTG. / TOTAL HR. RUN / COND. OF BIT / REAMER NO. / REAMER TYPE

MUD RECORD: TIME / WEIGHT / VISC.—SEC / W.L.—C.C. / FLTR. CK. / PH / SD. CONT. % / PRESSURE GRADIENT; MUD & CHEMICALS ADDED: TYPE AMT. TYPE AMT.; DRILLER

FOOTAGE FROM TO / DR.-D RM.-R CORE-C / CORE NO. / FORMATION (SHOW CORE RECOVERY) / ROTARY RPM / WT. ON BIT 1000# / PUMP PRESS / PUMP NO. LINER SIZE S.P.M. / PUMP NO. LINER SIZE S.P.M. / METHOD RUN SGL.-S PAR'EL-P COM'D-C

DEVIATION RECORD: DEPTH DEV. DIRECTION

TIME LOG FROM TO / ELAPSED TIME / DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

DAY TOUR

(Same form fields as morning tour; no entries.)

DRILLER

EVENING TOUR

(Same form fields as morning tour.)

DRILLER: H. De [illegible]

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
6.00			Rigging up. Trucks released at 4:00 P.M.

DRILLING CREW PAYROLL DATA

DATE 6-26-1963 Nº 873

WELL NAME & NO. [illegible] #1

COMPANY [illegible] Oil Co

TOOL PUSHER RIG NO. 4

MORNING TOUR ____ P.M. ____ A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		Ackerland	12
DRKMAN		[illegible] Sanders	12
MTRMAN		Wm H Siddall	12
FIREMAN		Jules Landry	12
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR ____ A.M. ____ P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER			
DRKMAN		L. E. Thomas	12
MTRMAN		James Guillen	12
FIREMAN		Welby Rheault	12
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR ____ P.M. ____ P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		H. De [illegible]	12
DRKMAN		P. [illegible]	12
MTRMAN		Joe Hubbard	12
FIREMAN		[illegible]	12
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

Nº 872

DAILY DRILLING REPORT — REPORT NO. 1 — DA[TE]

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Ladubоro Oil Co.				[illegible]	Quebec

CONTRACTOR	RIG NO.	DRILL PIPE STRING NO.	SIZE	TOOL JOINT O.D.	TYPE THD.
NORTH AMERICAN DRILLING COMPANY	4				

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [illegible signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

PUMPS NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.			
2.			
3.			

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS

TIME DISTRIBUTION—HOURS	MORN	DAY	EVE
RIG 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. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS			

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK	
HRS. W/DP	
HRS. WO/DP	
HRS. STANDBY	
TOTAL DAY WORK	

WIRE LINE RECORD

REEL NO.	
NO. OF LINES / SIZE	
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
STANDS D.P.	FT.	BIT NO.		TIME	
SINGLES D.P.	FT.	SIZE		WEIGHT	
D.C. I.D. O.D.	FT.	MFG.		VISC.—SEC	
D.C. I.D. O.D.	FT.	TYPE		W.L.—C.C.	
STB. BODY O.D.	FT.	NOZZLE NO. / SIZE		FLTR. CK.	
STB. BODY O.D.	FT.	SER. NO.		PH	
RMR. BODY O.D.	FT.	DEPTH OUT		SD. CONT. %	
SUBS O.D.	FT.	DEPTH IN		PRESSURE GRADIENT	
BIT OR C.B.	FT.	TOTAL FTG.		MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT.	
KELLY DOWN	FT.	TOTAL HR. RUN			
TOTAL	FT.	COND. OF BIT			
WT. OF STRING	LBS.	REAMER NO.			
		REAMER TYPE		DRILLER	

FOOTAGE FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN SOL.-S PAR'EL-P COM'D-C

DEVIATION RECORD: DEPTH / DEV. / DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
			Moving from Old to new Location Rig up.

DAY TOUR

(Same printed fields as Morning Tour: DRILLING ASSEMBLY AT END OF TOUR; BIT RECORD; MUD RECORD; FOOTAGE; FORMATION (SHOW CORE RECOVERY); DEVIATION RECORD; TIME LOG; DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS; DRILLER — all blank.)

EVENING TOUR

(Same printed fields as Morning Tour.)

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
			Moving Rig + Rig up

DRILLER: H. De [illegible]

DRILLING CREW PAYROLL DATA

DATE 6-25-63 — Nº 872

WELL NAME & NO.

COMPANY [illegible]

TOOL PUSHER ____ RIG NO. 4

MORNING TOUR ____ P.M. ____ A.M.

CREW	SOC. SEC. NO.	NAME	HRS.	
DRILLER		A. Cleveland	[illegible]	16
DRKMAN		Tom Sanders	[illegible]	16
MTRMAN		Wm H [illegible]	[illegible]	16
FIREMAN		Jules [illegible]	[illegible]	16
FLRMAN				
FLRMAN				
FLRMAN				

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR ____ A.M. ____ P.M.

CREW	SOC. SEC. NO.	NAME	HRS.	
DRILLER				
DRKMAN		L. E. Thomas	[illegible]	16
MTRMAN		James [illegible]	[illegible]	16
FIREMAN				
FLRMAN				
FLRMAN				
FLRMAN				

AVIS

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Signature J. Arteau — date 84-02-03

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR ____ P.M. ____ P.M.

CREW	SOC. SEC. NO.	NAME	HRS.	
DRILLER		H. De [illegible]	[illegible]	16
DRKMAN		Pat [illegible]	[illegible]	16
MTRMAN		[illegible]	[illegible]	16
FIREMAN		[illegible]	[illegible]	16
FLRMAN				
FLRMAN				
FLRMAN				

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

Nº 867

DAILY DRILLING REPORT REPORT NO. 7 DATE 7-1-63

OPERATOR: Ladubоro Oil Co
LEASE: Ladubоro C&G Nicolet #1
WELL NO. | FIELD OR DIST. | COUNTY: Nicolet | STATE: Quebec
CONTRACTOR: NORTH AMERICAN DRILLING COMPANY | RIG NO. 4
SIGNATURE OF OPERATOR'S REPRESENTATIVE: [illegible]
SIGNATURE OF CONTRACTOR'S TOOL PUSHER: [illegible]

DRILL PIPE STRING NO.	SIZE	TOOL JOINT O.D.	TYPE THD.

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	150 B	12
2.			
3.			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9 5/8			7			236	

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	7 1/4	6 3/4	6 1/2
REAMING			
CONDITIONING MUD & CIRCULATING			1/2
TRIPS			
LUBRICATE RIG		1/2	1/2
DEVIATION SURVEY		1/2	
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG	3/4	1/2	
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			1
FISHING			
COMPLETION WORK A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK	
HRS. W/DP	
HRS. WO/DP	
HRS. STANDBY	
TOTAL DAY WORK	

WIRE LINE RECORD

REEL NO.	
NO. OF LINES	8 SIZE 1
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	FT.
	STANDS D.P.	168
	SINGLES D.P.	
	D.C. I.D. O.D.	
15	D.C. I.D. 6 3/4 O.D.	383
	STB. BODY O.D.	
	STB. BODY O.D.	
	RMR. BODY O.D.	
1	SUBS O.D.	2
	BIT OR C.B.	
	KELLY DOWN	27
	TOTAL	570
	WT. OF STRING	55 000 LBS.

BIT RECORD

BIT NO.	1
SIZE	8 3/4
MFG.	HTC
TYPE	OSC 3
NOZZLE NO.	3
NOZZLE SIZE	11/16
SER. NO.	8301
DEPTH OUT	
DEPTH IN	236
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	6:00
WEIGHT	9.4
VISC.—SEC	
W.L.—C.C.	
FLTR. CK.	
PH	
SD. CONT. %	
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED: TYPE | AMT. | TYPE | AMT.

DRILLER: A Cleveland

FOOTAGE

FROM	TO	DR.—D RM.—R CORE.—C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
345	570	D		Shale & Shells				7 3/4				

DEVIATION RECORD: DEPTH | DEV. | DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	2:15	2 1/4	Drlg & CONN
2:15	3:00	3/4	Repair Rotary Chain
3:00	8:00	5	Drlg & Conn

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	FT.
4	STANDS D.P.	
1	SINGLES D.P.	
15	D.C. I.D. 6 3/4 O.D.	383'
	D.C. I.D. O.D.	
	STB. BODY O.D.	
	STB. BODY O.D.	
	RMR. BODY O.D.	
	SUBS O.D.	
	BIT OR C.B.	
	KELLY DOWN	
	TOTAL	810
	WT. OF STRING	55 000 LBS.

BIT RECORD

BIT NO.	#1 1
SIZE	8 3/4
MFG.	HTC
TYPE	OSC 3
NOZZLE NO.	
NOZZLE SIZE	[illegible]
SER. NO.	8301
DEPTH OUT	
DEPTH IN	236
TOTAL FTG.	
TOTAL HR. RUN	14 1/4
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	8:00
WEIGHT	9.3
VISC.—SEC	136
W.L.—C.C.	—
FLTR. CK.	—
PH	—
SD. CONT. %	—
PRESSURE GRADIENT	—

MUD & CHEMICALS ADDED: Adding Water: Salt 10 sks.

DRILLER: Ben Benson

FOOTAGE

FROM	TO	DR.—D RM.—R CORE.—C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN
570	810	D		Shale Gray Some Lime	60	35	600	7 3/4	45			S

DEVIATION RECORD: DEPTH 573' DEV. 1 1/4

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	9:00	1	Drilling:
9:00	9:45	3/4	Grease & Check Rig: Pull out: Slope Test
9:45	11:30	1 3/4	Drilling:
11:30	12:00	1/2	Tighten Draw Works Brake:
12:00	4:00	4	Drilling

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	FT.
	STANDS D.P.	7[illegible]
	SINGLES D.P.	
15	D.C. I.D. 6 3/4 O.D.	383
	D.C. I.D. O.D.	
	STB. BODY O.D.	
	STB. BODY O.D.	
	RMR. BODY O.D.	
	SUBS O.D.	
	BIT OR C.B.	
	KELLY DOWN	40
	TOTAL	11[illegible]
	WT. OF STRING	50 000 LBS.

BIT RECORD

BIT NO.	1
SIZE	8 3/4
MFG.	HTC
TYPE	OSC 3
NOZZLE NO.	
NOZZLE SIZE	
SER. NO.	8301
DEPTH OUT	
DEPTH IN	236
TOTAL FTG.	
TOTAL HR. RUN	20
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	6:00
WEIGHT	9.8
VISC.—SEC	38
W.L.—C.C.	
FLTR. CK.	
PH	
SD. CONT. %	26%
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED: Salt 10 [illegible]

DRILLER: [illegible]

FOOTAGE

FROM	TO	DR.—D RM.—R CORE.—C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN SGL-S PAR'EL-P COM'D-C
810	1159			Gray Shale & Lime								

DEVIATION RECORD: DEPTH 1000 DEV. 1 1/2

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:20	20	Service Rig - Conn - Pump
4:20	12:00	7 40	Drlg & Conn Run Slope Test

FORM 3T-4 PRINTED IN U.S.A. APPROVED APPROVED

A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

DRILLING CREW PAYROLL DATA

DATE July 1 1963 Nº 867
WELL NAME & NO. Ladubоro C&G Nicolet #1
COMPANY Ladubоro Oil co
TOOL PUSHER [illegible] RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		A Cleveland	8
DRKMAN		Tom Sanders	8
MTRMAN		Wm H Siddall	8
FIREMAN		Welby Rheault	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		Ben Benson	8
DRKMAN		L. E. Thomas	8
MTRMAN		J. Cullen	8
FIREMAN		J. Landry	8
FLRMAN			
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		[illegible]	8
DRKMAN		[illegible]	8
MTRMAN		[illegible]	8
FIREMAN		[illegible]	8
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

GM-1959 APPROVED APPROVED

Nº 5413

DAILY DRILLING REPORT

REPORT NO.

Field	Entry
OPERATOR	Laduboro Oil Co Ltd
LEASE	Laduboro CIG Nicolet #1
WELL NO.	
FIELD OR DIST.	Nicolet
COUNTY	Nicolet
STATE	Que
CONTRACTOR	NORTH AMERICAN DRILLING COMPANY
RIG NO.	4
SIGNATURE OF OPERATOR'S REPRESENTATIVE	[illegible]
SIGNATURE OF CONTRACTOR'S TOOL PUSHER	[illegible]

DRILL PIPE STRING: NO. / SIZE — TOOL JOINT O.D. — TYPE THD.

PUMPS: NO. / MANUFACTURER / TYPE / STROKE LENGTH (1., 2., 3.)

LAST CASING TUBING OR LINER: SIZE / MAKE / WT. & GR. / NO. JOINTS / FEET / KB. TO CSG. HD. / SET AT / REMARKS

MORNING TOUR

TIME DISTRIBUTION—HOURS (MORN / DAY / EVE): RIG 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. SWABBING, D. TESTING, E. ADDITIONAL; TOTALS

DRILLING ASSEMBLY AT END OF TOUR: STANDS D.P.; SINGLES D.P.; D.C. I.D. O.D.; STB. BODY O.D.; RMR. BODY O.D.; SUBS O.D.; BIT OR C.B.; KELLY DOWN; TOTAL; WT. OF STRING — LBS.

BIT RECORD: BIT NO.; SIZE; MFG.; TYPE; NOZZLE NO. SIZE; SER. NO.; DEPTH OUT; DEPTH IN; TOTAL FTG.; TOTAL HR. RUN; COND. OF BIT; REAMER NO.; REAMER TYPE

MUD RECORD: TIME; WEIGHT; VISC.—SEC; W.L.—C.C.; FLTR. CK.; PH; SD. CONT. %; PRESSURE GRADIENT; MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT.

FOOTAGE (FROM / TO); DR.-D RM.-R CORE-C; CORE NO.; FORMATION (SHOW CORE RECOVERY); ROTARY RPM; WT. ON BIT 1000 #; PUMP PRESS; PUMP NO. LINER SIZE S.P.M.; METHOD RUN

DEVIATION RECORD: DEPTH / DEV. / DIRECTION

TIME LOG (FROM / TO); ELAPSED TIME; DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

1300K

DRILLER J. Selinger

DAY TOUR

(Same form fields; no entries.)

DRILLER

EVENING TOUR

(Same form fields; no entries.)

DRILLER D. Bouling

TIME SUMMARY (OFFICE USE ONLY): DAY WORK; HRS. B/OP; HRS. W/OP; HRS. STANDBY; TOTAL DAY WORK

WIRE LINE RECORD: REEL NO.; NO. OF LINES SIZE; FEET SLIPPED; FEET CUT OFF; PRESENT LENGTH; TON-MI. OR TRIPS SINCE LAST CUT; CUMULATIVE TON-MI. OR TRIPS; NO. OF DAYS FROM SPUD; CUMULATIVE ROTATING HRS.

DRILLING CREW PAYROLL DATA

Nº 5413

DATE Dec-1-63

WELL NAME & NO. Laduboro CIG Nicolet #1

COMPANY Laduboro Oil Co Ltd

TOOL PUSHER [illegible]   RIG NO. 4

MORNING TOUR ___ P.M. ___ A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		Jack Selinger	12
DRKMAN		[illegible]	10
MTRMAN		Henry Charlton	12
FIREMAN			
FLRMAN		Travel time	
FLRMAN			
FLRMAN			

NO. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

DAY TOUR ___ A.M. ___ P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER			
DRKMAN			
MTRMAN			
FIREMAN			
FLRMAN			
FLRMAN			
FLRMAN			

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Signature [illegible] date 84.02.02

NO. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR ___ P.M. ___ P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		Donald Bouling	12
DRKMAN		Bernie [illegible]	12
MTRMAN		Aurele [illegible]	12
FIREMAN			
FLRMAN		Travel time	
FLRMAN			
FLRMAN			

NO. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

Nº 5414

DAILY DRILLING REPORT — REPORT NO. #1 — DATE Dec. 2-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Ladubora Oil Co Ltd	Ladubora O.i.G. Nicolet #1	1	Nicolet	Nicolet	Quebec

CONTRACTOR	RIG NO.	DRILL PIPE STRING NO. / SIZE	TOOL JOINT O.D. / TYPE THD.
NORTH AMERICAN DRILLING COMPANY	4		

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Ken Benson

PUMPS: NO. / MANUFACTURER / TYPE / STROKE LENGTH — 1. 2. 3.

LAST CASING, TUBING OR LINER: SIZE / MAKE / WT. & GR. / NO. JOINTS / FEET / KB. TO CSG. HD. / SET AT / REMARKS

TIME DISTRIBUTION—HOURS (MORN / DAY / EVE): RIG 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. SWABBING, D. TESTING, E. ADDITIONAL; TOTALS

TIME SUMMARY (OFFICE USE ONLY): DAY WORK; HRS. W/DP; HRS. WO/DP; HRS. STANDBY; TOTAL DAY WORK

WIRE LINE RECORD: REEL NO.; NO. OF LINES / SIZE; FEET SLIPPED; FEET CUT OFF; PRESENT LENGTH; TON MI. OR TRIPS SINCE LAST CUT; CUMULATIVE TON MI. OR TRIPS; NO. OF DAYS FROM SPUD; CUMULATIVE ROTATING HRS.

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR / BIT RECORD / FOOTAGE / FORMATION (SHOW CORE RECOVERY) / DEVIATION RECORD: (no entries)

MUD RECORD		
TIME	~~9.00~~	~~11.30~~
WEIGHT	~~8.10~~	~~9.7~~
VISC.—SEC	~~33~~	~~33~~

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
			Bailing out after Install New Liner & [illegible] in Pump 5½"

DRILLER: J. Seliger

DAY TOUR

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8.00	4:00	8	Starting up Motor put Anti Freeze in all Motor getting ready to cir Pit

DRILLER:

EVENING TOUR

MUD RECORD		
TIME	9.00	11.30
WEIGHT	8.1	9.7
VISC.—SEC	33	33

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4.00	12.00	8	[illegible] up Pits Pump water off Top of Sand Pumping water to Cement

DRILLER: Donald Bailey

DATE Dec 2-63 — Nº 5414

WELL NAME & NO. Ladubora O.i.G. #1

COMPANY Ladubora Oil Co Ltd

TOOL PUSHER Ken Benson — RIG NO. 4

MORNING TOUR ____ P.M. ____ A.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		Jack Seliger	16
DRKMAN		L. E. Thomson	16
MTRMAN		Henry Charlton	12
FIREMAN		Luc Lemire	16
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR ____ A.M. ____ P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER			
DRKMAN			
MTRMAN			
FIREMAN			
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR ____ P.M. ____ P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		Donald Bailey	12
DRKMAN		Bernie Doupe	12
MTRMAN		Aurele Aristo	12
FIREMAN		Jules Landry	12
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

Nº 5415

DAILY DRILLING REPORT

REPORT NO. #2 DATE Dec-3-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Ladubors oil co Ltd	Ladubors oil [illegible] #		[illegible]	[illegible]	Quebec

CONTRACTOR	RIG NO.	DRILL PIPE STRING NO.	SIZE	TOOL JOINT	O.D.	TYPE THD.
NORTH AMERICAN DRILLING COMPANY	4					

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: [signature]

PUMPS NO.	MANUFACTURER	TYPE	STROKE LENGTH
1			
2			
3			

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING	8	8	8
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. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY): DAY WORK; HRS. W/DP; HRS. WO/DP; HRS. STANDBY; TOTAL DAY WORK

WIRE LINE RECORD: REEL NO.; NO. OF LINES; SIZE; FEET SLIPPED; FEET CUT OFF; PRESENT LENGTH; TON MI. OR TRIPS SINCE LAST CUT; CUMULATIVE TON MI. OR TRIPS; NO. OF DAYS FROM SPUD; CUMULATIVE ROTATING HRS.

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR / BIT RECORD: (no entries)

MUD RECORD			
TIME	12.	4:00	6:00
WEIGHT	9.9	9.9	9.7
VISC.–SEC	34	35	37

MUD & CHEMICALS ADDED TYPE	AMT.
Salt Sal	15 sks
Baroid	45 sks

DRILLER: Jack Selinger

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	8:00	8	Conditioning mud

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR / BIT RECORD: (no entries)

MUD RECORD			
TIME	8:00	11:00	3:00
WEIGHT	9.9	10	10.2
VISC.–SEC	36	30	37

MUD & CHEMICALS ADDED TYPE	AMT.
Mader	30 sks
SALT	10 sks

DRILLER:

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	4:00	8	Cond. Mud + Dum pits

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR / BIT RECORD: (no entries)

MUD RECORD			
TIME	4:00	6:00	11:00
WEIGHT	10.4	11	10.8
VISC.–SEC	38	39	41

MUD & CHEMICALS ADDED TYPE	AMT.
Mader	30

DRILLER: D. Bowling

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	6:30	2½	Mixing Mader + Dumping Pits trying to get wt. up
6:30	12:00		Wait on Daylight to Kill well Dumping Pits

DRILLING CREW PAYROLL DATA

DATE Dec-3-63 — Nº 5415

WELL NAME & NO. Ladubors O.C. #1

COMPANY Ladubors oil co Ltd

TOOL PUSHER Ben Bruzay — RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		Jack Selinger	8
DRKMAN		J. C. Thomas	8
MTRMAN		Luc Lemire	8
FIREMAN		Henry Chartier	12
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

DAY TOUR ___ A.M. ___ P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER			
DRKMAN			
MTRMAN			
FIREMAN			
FLRMAN			
FLRMAN			
FLRMAN			

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Signature: J Antoine — date: 84-02-02

NO. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR ___ P.M. ___ P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		Donald Bowling	16
DRKMAN		Bernie Doyle	16
MTRMAN		Camille Chartier	16
FIREMAN		Jules Landry	12
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

Nº 5416

DAILY DRILLING REPORT

REPORT NO. #7 DATE Dec. 4-63

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Ladubaa oil co Ltd	Ladubaa C/O Nicolet	#1	Nicolet	Nicolet	Quebec

CONTRACTOR	RIG NO.	DRILL PIPE STRING NO.	SIZE	TOOL JOINT O.D.	TYPE THD.
NORTH AMERICAN DRILLING COMPANY	4				

PUMPS NO.	MANUFACTURER	TYPE	STROKE & LINER
1.			
2.			
3.			

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: [signature]

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG 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. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS			

TIME SUMMARY (OFFICE USE ONLY): DAY WORK; HRS. W/DP; HRS. WO/DP; HRS. STANDBY; TOTAL DAY WORK

WIRE LINE RECORD

REEL NO.; NO. OF LINES; SIZE; FEET SLIPPED; FEET CUT OFF; PRESENT LENGTH; TON MI. OR TRIPS SINCE LAST CUT; CUMULATIVE TON MI. OR TRIPS; NO. OF DAYS FROM SPUD; CUMULATIVE ROTATING HRS.

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR: STANDS D.P.; SINGLES D.P.; D.C.; I.D.; O.D.; STB. BODY; RMR. BODY; SUBS; BIT OR C.B.; KELLY DOWN; TOTAL; WT. OF STRING LBS.

BIT RECORD: BIT NO.; SIZE; MFG.; TYPE; NOZZLE NO./SIZE; SER. NO.; DEPTH OUT; DEPTH IN; TOTAL FTG.; TOTAL HR. RUN; COND. OF BIT; REAMER NO.; REAMER TYPE

MUD RECORD			
TIME	1:30	4:30	7:00
WEIGHT	10.4	10.8	10.9
VISC.-SEC	41	41	[illegible]
W.L.-C.C.			
FLTR. CK.			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

DRILLER: Jack Salinger

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:	800	8	cir. pits + waiting on day ~~[illegible]~~ to kill well

DAY TOUR

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	4:00	8	nippling up to kill well
			Cir + pumped 11# mud - Spotted cement plug 3904 to 4144
			pulled tubing - Replaced well head

DRILLER:

EVENING TOUR

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	10:00	6	
10:00	12:00	2	TEARING DOWN GETTING READY TO MOVE

DRILLER:

DRILLING CREW PAYROLL DATA

DATE Dec. 4-63 Nº 5416

WELL NAME & NO. Ladubaa C.O. #1

COMPANY Ladubaa oil Co Ltd

TOOL PUSHER [signature] RIG NO. 4

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

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER		Jack Salinger	24
DRKMAN		L.L. Thomas	24
MTRMAN			
FIREMAN		Henry Charlton	16
FLRMAN		Lee [illegible]	16
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			
DRKMAN			
MTRMAN			
FIREMAN			
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR ___ P.M. ___ P.M.

CREW	SOC. SEC. NO.	NAME	HRS.
DRILLER			
DRKMAN			
MTRMAN			
FIREMAN			
FLRMAN			
FLRMAN			
FLRMAN			

NO. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT