CDN/SUP X MG JEAN MARIE

N-73

Drilling Authority No. 351
Date Issued 4 February 1969

WELL NAME Cdn/Sup KCG Jean Marie N-73
FIELD Wildcat
Area:
LOCATION: Unit N **Section** 73 **Grid** 61-30-120-30
Latitude 61-22-48 **Longitude** 120-44-10
From Established Reference Marker D.L.S. N.E.Cor. TWP 143 Rge 14 W6th

U.W.L.R. 61.38000 --- 120.73611
U.W.I. 300N736130120300

Rig Release Date:
Status
Information Release Date

CHANGE OF NAME:

DATE RECEIVED	INDEX
4/2/69	Application for a Drilling Authority.
11/4/69	Well Completion Data.
	Well History Report.
	Application to Amend a Drilling Authority.
	Application to change a Well Name.
17/4/69	Application to Abandon a Well or Suspend Drilling.
	Application to Alter Condition of a Well.
	Well History Supplement.
	Well Completion Data.
	Work-over Report No.
	Application to Commingle Production before Measurement.
	Data for Back Pressure Test on Natural Gas Wells — Monograph 7 Method.
	Data for Back Pressure Test on Natural Gas Wells — Vitter's Method.
	M.P.R. — Oil — Calculations.
	New Oil Well Report.
	New Gas Well Report.
	Well Inspection Report.
	Rig Inspection Report.
	Battery Inspection Report.
	Equipment Report.
	Well Card.
	New Service Well Report.
	Monthly Water Flood Operations Report
	Monthly Water Receipts and Disposal of Fluids Report
	Logs. Large scale .... Small scale ....

NANR 52-90 (7-65)

Drilling Authority No. 351
Date Issued Feb.4,1969

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
~~RESOURCE MANAGEMENT DIVISION~~
OIL AND MINERAL DIVISION

WELL COMPLETION DATA

To be submitted in duplicate within thirty days after the completion, rework, abandonment, recompletion or suspension of every well.

Well name and number: Cdn-Sup KMC Jean Marie B-73

Permit No. 4247 Lease No.

Canadian Superior Oil Ltd. - Kerr McGee - Amoex (Permittee, Licensee, Lessee) Exploratory Licence No. 1206

Canadian Superior Oil Ltd. (Operator) Exploratory Licence No. 1206

Location: Unit N Section 73 Grid Lat. 61°30' Long. 120°30'

Latitude 61°22'48" Longitude 120°44'10"

From Established Reference Marker: Dominion Land Survey N.E. Corner Twp. 141, Rge. 14, W6M

Universal Well Location Reference: 61.38000° N Lat. 120.73611° W Long.

	DATE	DEPTH
Spudded	2/10/69	
Suspended		
Resumed Operations		
Finished Drilling	2/22/69	2868' - Driller 2870' - Logger
Deepened		
Complete (gas/oil)		
Abandoned	2/25/69	2868'
Rig released	2/25/69	2868'

Pool(s): N/A

Interval(s) open to production: N/A

Elevation: Gr. 649 K.B. 665

Rig No. 29

Drilling Contractor: Regent Drilling

Contractor's Business Licence No. A2584

CASING RECORD

Casing Size (Inches)	Grade	Weight	Amount	Set at —	Sacks of Cement and Additives
1. 10 3/4"	B-40	32.75	463	458	400 sacks + 2½% $CaCl_2$
2. 18" Conductor Pipe			24'	24'	70 sacks + 2½% $CaCl_2$
3.					
4.					
5.					
6.					

GEOLOGICAL TOPS	ELEVATION Depths	ELEVATION Sub-Sea
Spence River	1886'	-1221'
Hume	2268'	-1603'
Bear Rock	2427'	-1762'
Blue Fish	2485'	-1820'
Anhydrate	2574'	-1909'
Red Beds	2756'	-2091'
Precambrian	2830'	-2165'

CORE RECORD

From	To	Rec.	From	To	Rec.
2400'	2460'	60			

LOG RECORD

Run No.	Type of Log	From	To
1	Formation Density	2869'	1600'
✓ 1	Dipmeter (Computed)	2866'	1800'
✓ 1	BHC Sonic Gamma (Integrated) Caliper	2868'	459'
1	Dual Induction Laterolog	2866'	459'
✓ 1	Directional Log (Comp)	2866'	459'
1	SRS	2868'	459'

IAND 52-90(2) (3-67)

CEMENTING RECORD (Plug, Squeeze, etc.)

Date	From	To	Remarks
2/24/69	2868'	2400'	185 sacks
2/25/69	510'	410'	75 sacks - located at 395'
2/25/69	Surface	5 sacks	Casing cut off 3' below ground level, a plate was welded on the top and an identification marker erected.

PERFORATING RECORD (Bullet, Jet)

Date	From	To	Remarks

SERVICING RECORD (Acidizing, Fracing, etc.)

Date	From	To	Remarks

DRILL STEM TESTS

No.	Date	Formation	From	To	V.O. Mins.	I.S.I. Mins.	F.S.I. Mins.	I.S.I.B.H.P.	F.S.I.B.H.P.	I.F.B.H.P.	F.F.B.H.P.	I.H.P.	F.H.P.	REMARKS
1	2/24/69	Blue Fish	2480'	2530'	60	60	60	1149	1019	46	158	1170	1167	Recovered 253' drilling mud.

Pressures reported are field readings.

ANALYSIS

Lab. No.	Sample	From	To	Source	Remarks
CNF-4-4567	Core	2400'	2460'	Core Lab.	
CBH-2-4410	Water	2480'	2530'	DST #1	

PRESENT STATUS OF WELL

Oil		(Interval.)
Gas		(Interval.)
Dry	XX	
Susp.		

Company: Canadian Superior Oil Ltd.

Signed by: A. M. Rose

Title: Geologist

Date: April 11, 1969

Forms to be prepared in duplicate and forwarded to the Oil Conservation Engineer, Calgary, Alberta.

File No.
Drilling Authority No. 351

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
~~RESOURCE MANAGEMENT DIVISION~~
OIL AND MINERAL DIVISION

Application to Abandon a Well or ~~Suspend Drilling~~

APR 14 1969

In compliance with the "Canada Oil and Gas Land Regulations", application is hereby made for approval to abandon, to suspend drilling:—

Name and number of well: Cdn-Sup KMG Jean Marie N-73
Location: Unit N Section 73 Grid Lat. 61° 30' Long. 120° 30'
Latitude 61° 22'43" Longitude 120° 44'10"
From Established Reference Marker Dominion Land Survey N.E.Corner Twp.143, Rge.14, W6M
Universal Well Location Reference 61.38000° N Lat. 120.73611° W Long.
Permit No. 4247 Lease No.

Canadian Superior Oil-Kerr McGee-Amerex
(Permittee, Licensee, Lessee)

Date of commencement of proposed program Feb. 24, 1969

OIL, GAS, AND WATER ENCOUNTERED
(Depths)

Oil at Nil
Gas at Nil
Water at Nil
Total Depth 2868' Date of last operations 24th February 1969
Present condition of well Drilling well

CASING RECORD

	Casing Size O.D. Inches	Weight	Amount	Set At—	Sacks of Cement and Additives	Amount Pulled
1.	10 3/4"	H-40	463	458	400 sacks + 2% $CaCl_2$	Nil
2.						
3.						
4.						
5.						

PROPOSED ABANDONMENT PROGRAM

Plug No.	Plug Position	Geological Formation	Number of Sacks of Cement	Remarks
1	2868' - 2400'	Base Dome to Precambrian	185	
2	510' - 410'	Bottom sfc. casing	75	Feel after 8 hrs.
3	Surface Plug, Riser and Name Plate		5	

The following logs have been run Formation Density, Dipmeter, BHC Sonic Gamma, Dual Induction Laterolog, Directional Log
Other operations proposed Nil

Operations to be carried out by Regent Drilling Contractor Licence No. ~~Velocity~~ A2584
Address 12912 - 125th Ave., Edmonton, Alta. Address
Responsible Agent in field G. Berthiaume
Dated at Red Deer, Alberta, this 9th Day of April 19 69
Signed by Original Signed "Wm. H. Brown" Company Canadian Superior Oil Ltd.
Title General Superintendent Operator's Exploratory Licence No. 1206

Note:—The Oil Conservation Engineer's office must be notified before work is commenced.

(For RESOURCE MANAGEMENT DIVISION use only)

APPROVAL

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

Confirming oral approval given by Mr. B.H.J. Thoms on the 24th February 1969, including Item No. 3.

Dated 17th April, 69

(for) [signature]
Oil Conservation Engineer

Forms to be submitted in triplicate to Oil Conservation Engineer, Department of Indian Affairs and Northern Development, Calgary, Alberta.

IAND 52-90 (5) (3-67)

Drilling Authority No. 351

Project No.

File No.

POOR COPY

CANADA

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
RESOURCE MANAGEMENT DIVISION

Application for a Drilling Authority

This notice of intention to begin drilling operations, in triplicate, and where required a plan of survey approved by the Surveyor General showing the target area or the site of the well must be submitted and approved before commencing operations.

In compliance with the "Canada Oil and Gas Land Regulations", application is hereby made for approval to drill:—

Name and number of well [illegible] No-7

Location: Unit N Section [illegible] Grid Lat [illegible] Long [illegible]

Latitude [illegible] Longitude [illegible]

From Established Reference Marker Dominion Land Survey N.E. Cor Twp [illegible] Rge [illegible] West

Universal Well Location Reference 61.30000° N. Lat. 120.73611° W. Long.

Elevation: Ground [illegible] K.B. [illegible] feet above sea-level.

Well is expected to produce from [illegible] Devonian Carbonates formation at a depth of about [illegible] feet. Expected total final depth [illegible]

Area assigned to well

(For Oil Conservation Engineer's use only)

Permit No. [illegible] Lease No. Acreage [illegible]

Permittee, licensee, or lessee Canadian Superior Oil - Kerr-McGee - Andex

Exploratory Licence No. [illegible]

Surface owned by Crown or Crown

Petroleum and natural-gas rights owned by Crown (If allocated submit name and address of owner and occupant.)

We propose to use the following strings of casing, either cementing or landing them as indicated below:—

Casing Size O.D. (Inches)	Weight (Lb./Ft.)	Grade	New or Used	Estimated Depth	Sacks of Cement
1. [illegible]	[illegible]	[illegible]	New	[illegible]	Full [illegible]
2.					
3.					
4.					
5.					

Expected water, gas, and oil horizons and type of control equipment

Middle Devonian Carbonates

Double gate and ram type preventers

Well will be drilled with Rotary Rig No. [illegible] by Regent Drilling Co.
(Drilling Contractor or company)

Responsible agent of applicant:—

Contractor's Business Licence No. A-2854

At well N. Stratulate
Address Professional Bldg., Red Deer, Alberta.

At registered office C. C. Copeland
Address [illegible] - Sixth Avenue S.W., Calgary, Alta.

It is understood that if changes become necessary, notice of the change of plan will be submitted.

Dated at Calgary, this 3rd day of February 1969

Signed by C.C. Copeland Company Canadian Superior Oil Ltd.

Title Manager, Drilling and Production Operator's Licence No. 1206

(For Resource Management Division use only)

APPROVED

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

1. The Company will submit to this office, on Tuesday of each week, the latest reports received by radio on the progress of the well.
2. During well drilling and testing operations every effort shall be made to ensure (over

Dated 4th February 1969

Oil Conservation Engineer

Forms to be submitted to Oil Conservation Engineer,
Department of Indian Affairs and Northern Development, Calgary, Alberta.

IAND 52-90-1 (3-67)

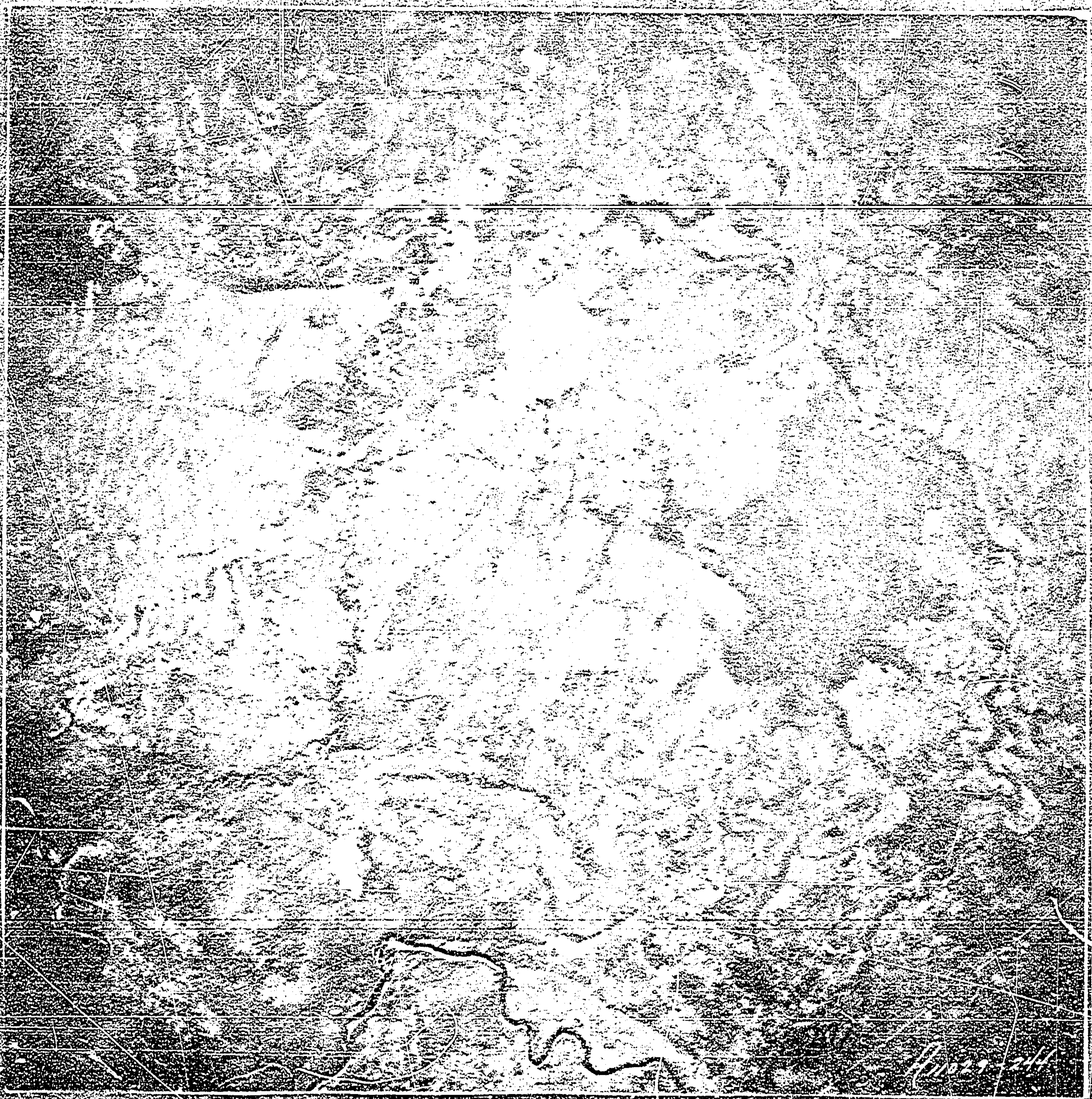
UNIQUE WELL IDENTIFIER: 3005736130120300

that drilling fluids, chemicals and wastes shall be disposed of or contained in a manner that will prevent the contamination of adjacent vegetation and surface or sub-surface waters.

3. We draw your attention to Sections 95 and 96 of the Canada Oil and Gas Land Regulations.

4. Lot 1 of Group 861 is a Surface Reservat on at 61° 11' N. Latitude and 120° 38' W. Longitude. This area should not be used for road or water hauling purposes.

B.H.J. Thoms
Oil Conservation Engineer.



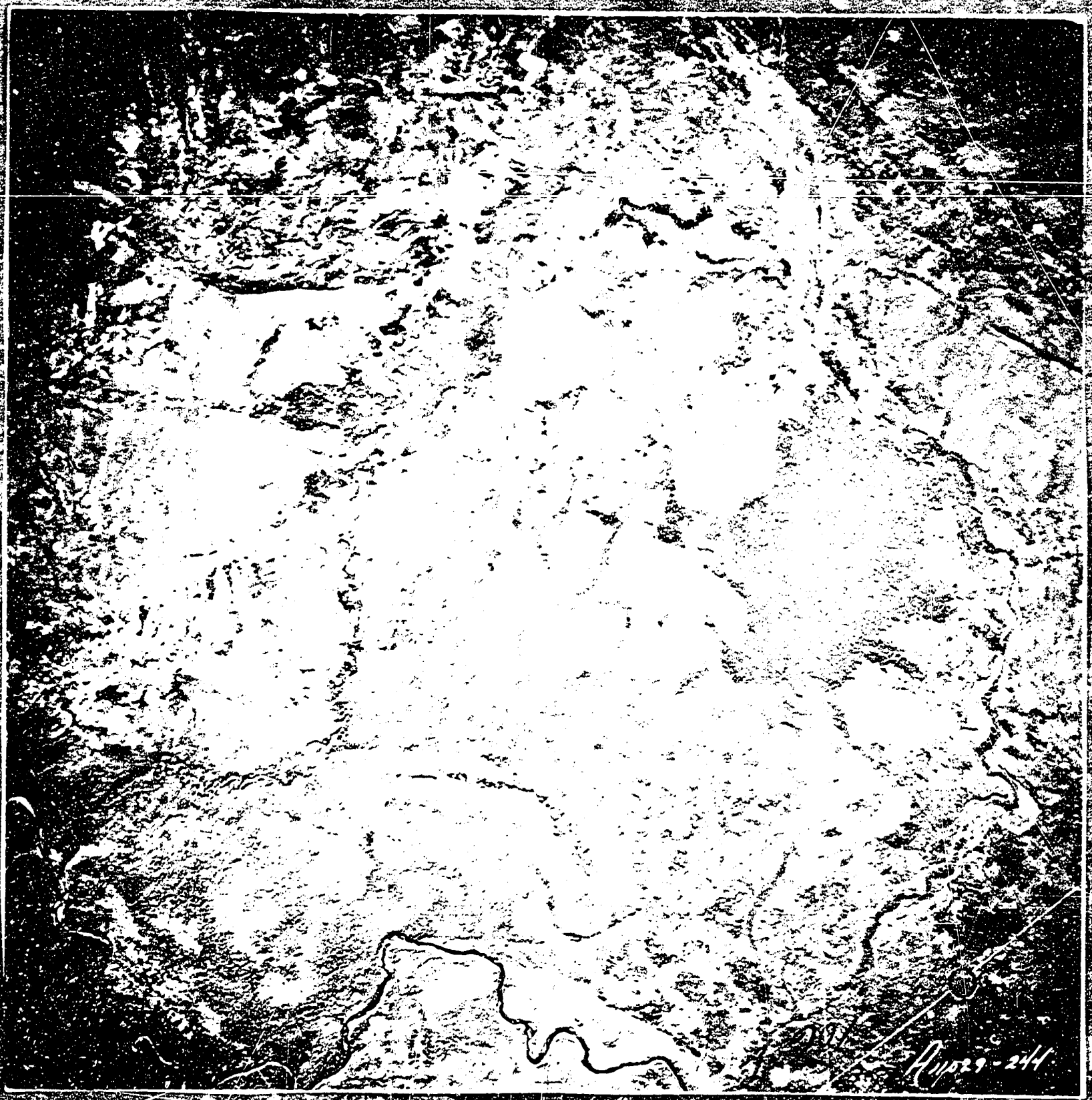


Figure 2-44

FEB 4 1969

CDN-SUP KMG N-73 (61-30, 120-30)

CDN-SUP KMG JEAN MARIE N-73

WELL HISTORY REPORT

DRILLING AUTHORITY: #351

WELL HISTORY REPORT

CDN-SUP KMG JEAN MARIE N-73

Canadian Superior Oil Ltd.
703 - 6th Avenue S.W.
Calgary, Alberta

COMPILED BY: Linda Silvius

SUBMITTED BY: A. M. Kore

DATE: March 25, 1969.

OIL & GAS OPERATIONS UNIT
Oil and Mineral Division
JUN 19 1969
OTTAWA, CANADA
Dept. of Indian Affairs & Northern Development

CDN-SUP KMG JEAN MARIE N-73

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SECTION V	ANALYSIS	9

WELL HISTORY REPORT

CANADIAN SUPERIOR OIL LTD.

SECTION I

SUMMARY OF WELL INFORMATION

(a)	Well Name:	CDN-SUP KMG JEAN MARIE N-73
(b)	Permittee:	Andex Oil Company; Kerr-McGee Corporation; Canadian Superior Oil Ltd.
(c)	Operator:	Canadian Superior Oil Ltd. 703 - 6th Avenue S.W. Calgary, Alberta
(d)	Location:	N-73-61-30-120-30 Latitude: 61° 22' 48" Longitude: 120° 44' 10"
(e)	Co-ordinates:	Unique Well Identifier 300N736130120300 Universal Well Location Reference - Lat. 61.38000° N. Long. 120.73611° W.
(f)	Permit Number:	4247
(g)	Drilling Contractor:	Regent Drilling Co. Ltd. Rig No. 29 - Rotary Type
(h)	Drilling Authority:	351, Issued February 4, 1969
(i)	Classification:	Wildcat
(j)	Elevations:	K.B. 665' Gnd. 649'
(k)	Date Spudded:	February 10, 1969
(l)	Date Completed: Drilling:	February 22, 1969
(m)	Total Depth:	2868', Precambrian - Driller 2870' - Logger
(n)	Status:	Dry & Abandoned
(o)	Rig Released Date:	February 25, 1969
(p)	Hole Sizes:	15" to 458' 8 3/4" to 2400' 7 13/16" to 2460' 7 7/8" to 2868' (T.D.)
(q)	Casing:	Ran 10 3/4" casing to 458' with 400 sacks of cement + 2½% $CaCl_2$ Ran 24' of 18" Conductor Pipe. Set at 24' with 70 sacks cement + 2½% $CaCl_2$.

GEOLOGICAL SUMMARY

(a) Formation Tops:

	Sample Tops	DILL Tops
Spence River	1875'	1886'
Hume	2248'	2268'
Bear Rock	2565'	2575'
Precambrian	2835'	2858'

(b) Cored Intervals: Core #1 2400'-2460', Hume, recovered 59.5'

(c) Core Description:

Coring Times

2400'-01'	12	12	12	12	11	11	11	10	11	11
2410'-11'	10	10	11	11	11	11	12	12	12	12
2420'-21'	11	12	11	11	11	10	12	12	11	12
2430'-31'	12	11	7	11	13	14	13	16	16	15
2440'-41'	15	15	13	15	17	16	13	13	11	12
2450'-51'	14	13	10	13	10	10	13	12	13	9

2400.0'-2430.0' (30.0') Limestone - interbedded, grey-brown, sub-lithographic disseminated pyrite and limestone, grey, finely crystalline, scattered stylite partings throughout, minor scattered irregular calcite blebs, tight, no shows

2430.0'-2432.4' (2.4') Dolomite - black, finely crystalline, limy

2432.4'-2435.5' (3.1') Dolomite - light brown, finely crystalline, earthy, one cluster of white secondary anhydrite blebs 1.9' from top, tight, no shows

2435.5'-2436.9' (1.4') Dolomite - as above 2.4'

2436.9'-2437.8' (0.9') Dolomite - black, finely crystalline, limy, dense, a few blebs of secondary white anhydrite, no visible porosity, bleeding water on standing, salty taste, $AgNO_3$ positive

2437.8'-2444.1' (6.3') Dolomite - light medium brown, finely crystalline, scattered limy bands, tight, no shows

2444.1'-2444.6' (0.5') Dolomite - as above but with scattered unconnected vugs lined with coarsely crystalline white dolomite, most vugs completely infilled, tight, no shows

2444.6'-2447.5' (2.9') Limestone - medium brown, finely crystalline, massive

cont'd.....

(c) Core Description cont'd.....

2447.5'-2449.5' (2.0')	Dolomite - brown, finely crystalline, common calcite blebs, tight, no shows
2449.5'-2459.5' (10.0')	Dolomite - dark brown and brown mottled, finely crystalline, scattered white calcite completely infilling a vertical fracture, no visible porosity, bleeding water from 4" band 2' from top and from a 4" band 6" from base, salty taste, $AgNO_3$ positive
2459.5'-2460.0' (0.5')	lost core

(d) Sample Description:

10'-30'	Shale - buff, arenaceous
	Shale - green, micromicaseous, calcareous, bentonitic, trace of light tan finely crystalline limestone
30'-180'	Shale - green, micromicaseous, bentonitic, slightly calcareous in part
180'-190'	missing
190'-200'	Shale - as above, some greenish brown shale
200'-250'	Shale - as above
	Sandstone - green, fine grained, calcareous, hard very argillaceous
250'-280'	Shale and Sandstone - as above, some grey-brown shale
280'-290'	Shale - green, slightly calcareous, as above
	Sandstone - green, fine grained, calcareous, hard, very argillaceous
290'-320'	as in 250'-280' above
320'-340'	Shale - brown, micromicaseous
340'-350'	Shale - as above, increasing amount of green shale and sandstone as above
350'-460'	Shale - green, chunkier than above
460'-520'	Shale - green as above, minor brown shale as above
	Sandstone - as above

cont'd.....

(d) Sample Description cont'd.....

520'-600'	Shale - green, slightly calcareous, chunky
	Sandstone - green, very fine grained quartz, almost silty, slightly calcareous, common brown shale
600'-1700'	Shale - green, slightly calcareous, minor light greenish-grey very fine grained sandstone, tight
1700'-1770'	Shale - as above, slightly silty in part, calcareous
1770'-1860'	Shale - green, slightly calcareous
1860'-1870'	Shale - as above, minor grey-green silty argillaceous
1870'-1880'	Shale - as above, with dark chocolate-brown non-calcareous shale
1880'-2250'	Shale - brown, non-calcareous, grey-brown streak
2250'-2260'	Limestone - light buff brown, fine crystalline, tight, also light buff microsucrosic limestone, fine intergranular porosity, no shows
2260'-2400'	Limestone - dark brown, buff mottled in part, fine crystalline, tight, no shows
2400'-2460'	See core description
2460'-2480'	Dolomite - tan and dark brown, fine crystalline-granular poor intergranular porosity, common gilsonite, no oil or gas shows, no fluoresence
2480'-2500'	Dolomite - brown, fine to medium crystalline, granular, some coarse secondary dolomite, no stain, no fluoresence, good intercrystalline and vuggy porosity
2500'-2510'	Dolomite - as above but mainly tight
2510'-2520'	Dolomite - as above, also light buff, fine crystalline, anhydritic dense dolomite
2520'-2530'	Dolomite - light buff, fine crystalline, anhydritic
	Dolomitic Anhydrite - light greenish-grey
	Anhydrite - buff

cont'd.....

(d) Sample Description cont'd.....

2530'-2560'	Dolomite - light grey buff, very fine crystalline, dull, pyritic, common fine black inclusions, tight, no shows
2560'-2620'	Dolomite - as above
	Anhydrite - brown
2620'-2630'	Dolomite - buff, very fine crystalline, tight
2630'-2760'	Anhydrite - brown and white satiny
2760'-2830'	Anhydrite - red
2830'-2868' T.D.	Quartzite - white and light green, fine to medium grained, poorly sorted, very hard, tight, glassy

ENGINEERING SUMMARY

(a) Drill Stem Tests -

D.S.T. #1 (Straddle) 2480'-2530', Bluefish, dry 3½" drill pipe, 3/4" THC, 1" BHC, preflow 3 minutes, open 60 minutes, fair initial puff, good blow decreasing to weak, NGTS, recovered 265' of water cut mud (20,000 ppm NaCl)

2460' -1795' IHP 1184, ISIP (60 mins.) 1140, FP 50-164, FSIP (60 mins.) 1026, FHP 1184

2490' -1825' IHP 1196, ISIP (60 mins.) 1153, FP 59-173, FSIP (60 mins.) 1038, FHP 1196

2495' -1830' IHP 1217, ISIP (60 mins.) 1154, FP 58-175, FSIP (60 mins.) 1039, FHP 1210

BHT 130°

(b) Casing Record:

Ran 15 joints, 10 3/4" H-4 Mannesmann casing to 458' cemented with 400 sacks of cement plus 2½% $CaCl_2$. Bumped 2 plugs under 1000 psi at 8:33 A.M., February 14, 1969. Good cement returns

Ran 24' of 18" Conductor Pipe. Set at 24' with 70 sacks cement + 2½% $CaCl_2$.

(c) Bit Record:

#1A	15" OSC3	458'	in 18 1/4 hours
#1	8 3/4" x 3A	1845'	in 30 hours
#2	8 3/4" M4L	97'	in 6 1/4 hours
#3	7 13/16" Diamond	60'	in 13 hours
#4	7 7/8" M4LGJ	253'	in 29 hours
#5	7 7/8" M4LGJ	130'	in 16 3/4 hours
#6	7 7/8" H7UGH	25'	in 7 hours
		2868'	120 1/4 hours

(d) Mud Report:

Gel

(e) Deviation Record:

3/4°	at 60'	1°	at 650'
1/2°	at 120'	1/2°	at 844'
1/8°	at 180'	1/2°	at 2250'
1/4°	at 280'	1°	at 1054'
1°	at 360'	7/8°	at 1260'
1 1/4°	at 448'	1°	at 1506'
		1 1/2°	at 2054'
		1/2°	at 2250'

cont'd.....

(f) Abandonment Plugs:

#1 2868'-2400' with 185 sacks, in place 11:21 P.M., February 24, 1969

#2 510'- 410' with 75 sacks, in place 1:14 A.M., February 25, 1969. Located top of plug at 395'

Cut casing off 3' below ground level and welded plate and name plate on top 4' above ground level

(g) Lost Circulation: None

(h) Report of Blowouts: None

Logs:	23rd February 1969	Ran Schlumberger Dual Induction Laterolog Run #1 459'-2866'	
	"	Ran Schlumberger BHC Sonic Gamma-Caliper (Integrated) Run #1 459'-2868'	
	22nd February 1969	Ran Schlumberger Continuous Dipmeter (Computed) (Copies attached at back of report)	1800-2866'
	"	Compensated Formation Density Log	1600-2869'
	"	Directional Log (Computed)	459-2866'
	23rd February 1969	Seismic Reference Survey	459-2868'

ANALYSIS

(a) Core Analysis: Core Lab. CNP-4-4567

(b) Water Analysis: Core Lab. CBH-2-4410

CORE LABORATORIES – CANADA, LTD.

CALGARY, ALBERTA

COMPANY – CANADIAN SUPERIOR OIL LTD.
WELL – CDN-SUP JEAN MARIE N-73
FIELD – WILDCAT – NORTHWEST TERRITORIES
LOCATION –

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

PAGE – 1 of 2
FILE – CKP-4-4567
DATE REPORT – MARCH 13/69
ANALYSTS – MM

SAMPLE NUMBER	INTERVAL REPRESENTED FEET		PERMEABILITY TO AIR MILLIDARCYS			PERMEABILITY FEET	POROSITY %	POROSITY FEET	DENSITY		VISUAL EXAMINATION
	DEPTH	THICK	KMAX	K90°	KV				BULK	GRAIN	
CORED INTERVAL 2400' - 2460'											
CORE NO. 1 2400' - 2460' (REC. 60.0') (17 BOXES)											
-	2400.0-2432.3	32.3	-	-	-	-	-	-	-	-	Dense
1	2432.3-2433.4	1.1	0.14	0.08	<0.01	0.15	14.1	15.51	2.40	2.71	1.
2	2433.4-2434.7	1.3	0.03	0.03	<0.01	0.04	9.2	11.96	2.48	2.73	1.
3	2434.7-2435.7	1.0	0.21	0.11	<0.01	0.21	1.0	1.00	2.71	2.74	Dense, F.
-	2435.7-2436.7	1.0	-	-	-	-	-	-	-	-	Dense
4	2436.7-2438.0	1.3	0.02	<0.01	<0.01	0.03	3.7	4.81	2.68	2.78	1.
-	2438.0-2443.7	5.7	-	-	-	-	-	-	-	-	Dense
5	2443.7-2445.1	1.4	*	0.04	*	0.05	1.0	1.40	2.70	2.73	Dense, F.
-	2445.1-2447.9	2.8	-	-	-	-	-	-	-	-	Dense
6	2447.9-2448.9	1.0	0.06	0.06	<0.01	0.06	8.2	8.20	2.57	2.80	1.
7	2448.9-2450.0	1.1	0.19	0.05	<0.01	0.21	3.0	3.30	2.68	2.77	1.
8	2450.0-2451.5	1.5	0.53	0.32	0.08	0.80	12.3	18.45	2.46	2.80	1.
9	2451.5-2453.2	1.7	0.02	0.02	<0.01	0.03	0.2	0.34	2.72	2.72	Dense
10	2453.2-2454.7	1.5	0.04	0.02	<0.01	0.06	10.4	15.60	2.49	2.78	1.
11	2454.7-2456.3	1.6	0.09	0.09	<0.01	0.14	10.3	16.48	2.51	2.79	1.
12	2456.3-2458.0	1.7	1.04	0.92	0.15	1.77	15.5	26.35	2.38	2.82	1.
13	2458.0-2460.0	2.0	<0.01	<0.01	<0.01	-	2.8	5.60	2.71	2.79	1. Few PPV.

* - Broken or fractured core.

Form 51

CORE LABORATORIES – CANADA, LTD.

Petroleum Reservoir Engineering

WELL: CDN-SUP JEAN MARIE N-73

FORMATION:

SUMMARY INTERVAL: 2400.0 - 2460.0

FILE: CNP-4-4567

TOTAL FOOTAGE: 60.0

FOOTAGE ANALYZED 18.2

FOOTAGE NOT ANALYZED: TOTAL: 41.8 DENSE 41.8 LOST .0 DRILLED .0 NABR .0 RUBBLE .0

SUMMARY OF ANALYZED CORE:

	FOOTAGE	% OF ANALYZED CORE	WEIGHTED AVERAGE POROS. %	POROSITY FEET	WEIGHTED AVERAGE PERM MD.	PERM. FEET	WEIGHTED AVERAGE RESID OIL %	WEIGHTED AVERAGE TOT WATER %
TOTAL	18.2	100.00	7.09	129.00	.20	3.56	.00	.00
BY PERM RANGES:								
LESS THAN 0.10 Md.	11.8	64.84	5.46	64.39	.04	.42	.00	.00
0.10 0.49 Md.	3.2	17.58	6.19	19.81	.18	.57	.00	.00
0.50 0.99 Md.	1.5	8.24	12.30	18.45	.53	.80	.00	.00
1.00 9.99 Md.	1.7	9.34	15.50	26.35	1.04	1.77	.00	.00
GREATER THAN 9.99 Md.	.0	.00	.00	.00	.00	.00	.00	.00

CORE LABORATORIES – CANADA LTD.

PETROLEUM RESERVOIR ENGINEERING

WATER ANALYSIS

File CDR-2-4410 Page 1 of 1

Company: Canadian Superior Oil Ltd.

Well: Cdn-Sup KCS Jean Marie N-73 K.B. 665' Grd. 649'

Location: 61 53'16.00" N.L. 120 49'36.00" W.L. Field: Jean Marie Creek Area Province: N.W.T.

Formation: Hume Interval: 2480'-2530'

Sampled from: DST #1 (Bottom of Recovery) by:

Date sampled: Feb. 24/69 Date analyzed: Mar. 18/69 Analyst: A.M.

Recovery: 265' Water Cut Mud

Mud type: Water cushion:

Resistivity: 0.15 Ohm-meters @ 71 °F

Specific gravity: 1.0340 @ 60°F

pH: 7.3 H_2S: Absent

Refractive Index: 1.342 @ 71°F

Total Solids:

Calculated: 49,291 mg/liter

By evaporation @ 110°C: – mg/liter

By evaporation @ 180°C: – mg/liter

At ignition: – mg/liter

MILLIGRAMS PER LITER

Na + K	Ca	Mg	Fe	Ba	Br	I	Cl	HCO_3	SO_4	CO_3	OH
12,519	4,961	823	Pres.	Abs.	–	–	27,451	273	3,894	–	–

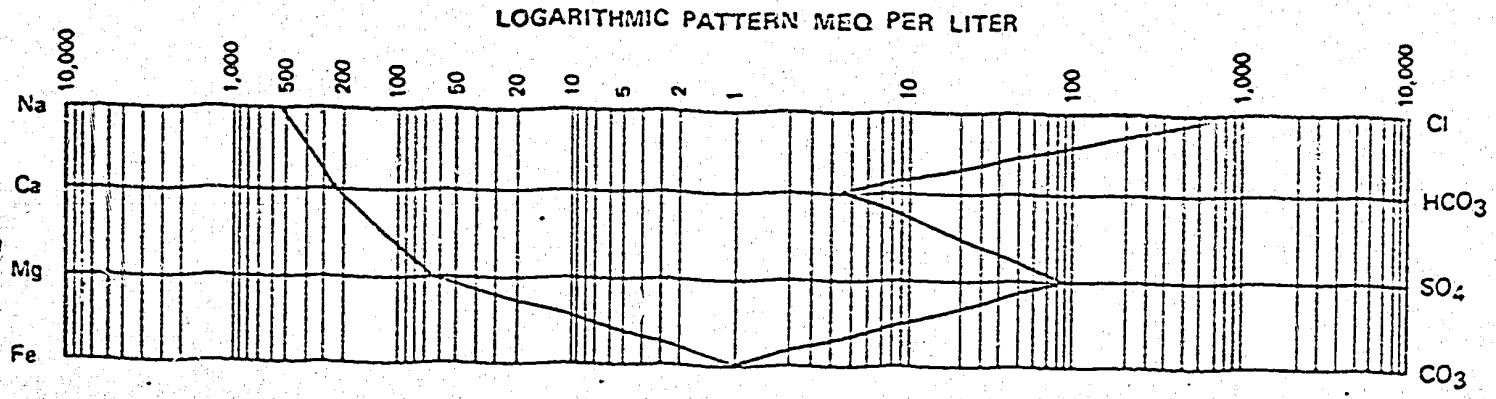
PER CENT CALCULATED SOLIDS

25.1	9.9	1.6	Pres.	Abs.	–	–	55.0	0.6	7.8	–	–

MEQ PER LITER

544.3	247.6	67.7	Pres.	Abs.	–	–	774.1	4.5	81.0	–	–

LOGARITHMIC PATTERN MEQ PER LITER



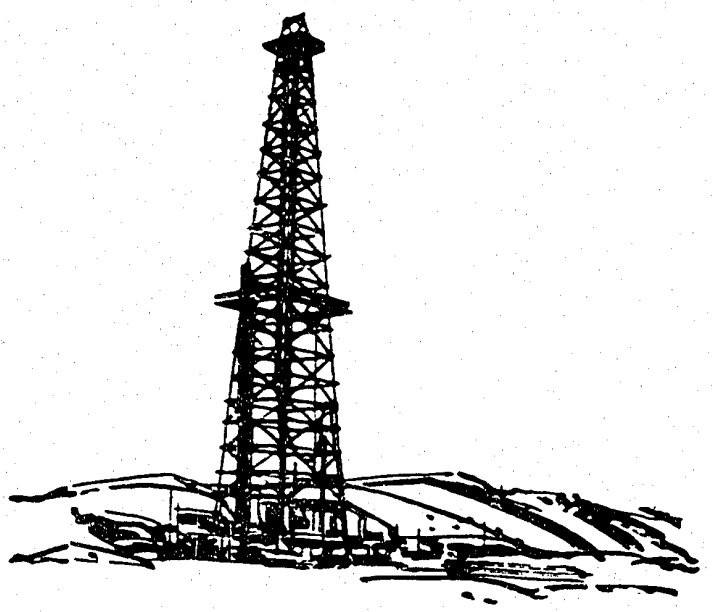
Canadian Superior Oil Company Ltd. Cdn Sup KMG Jean Marie N-73 61°22'48" 120°44'10" One February 24, 1969.

Company Well Name and Description Test No. Date of Test

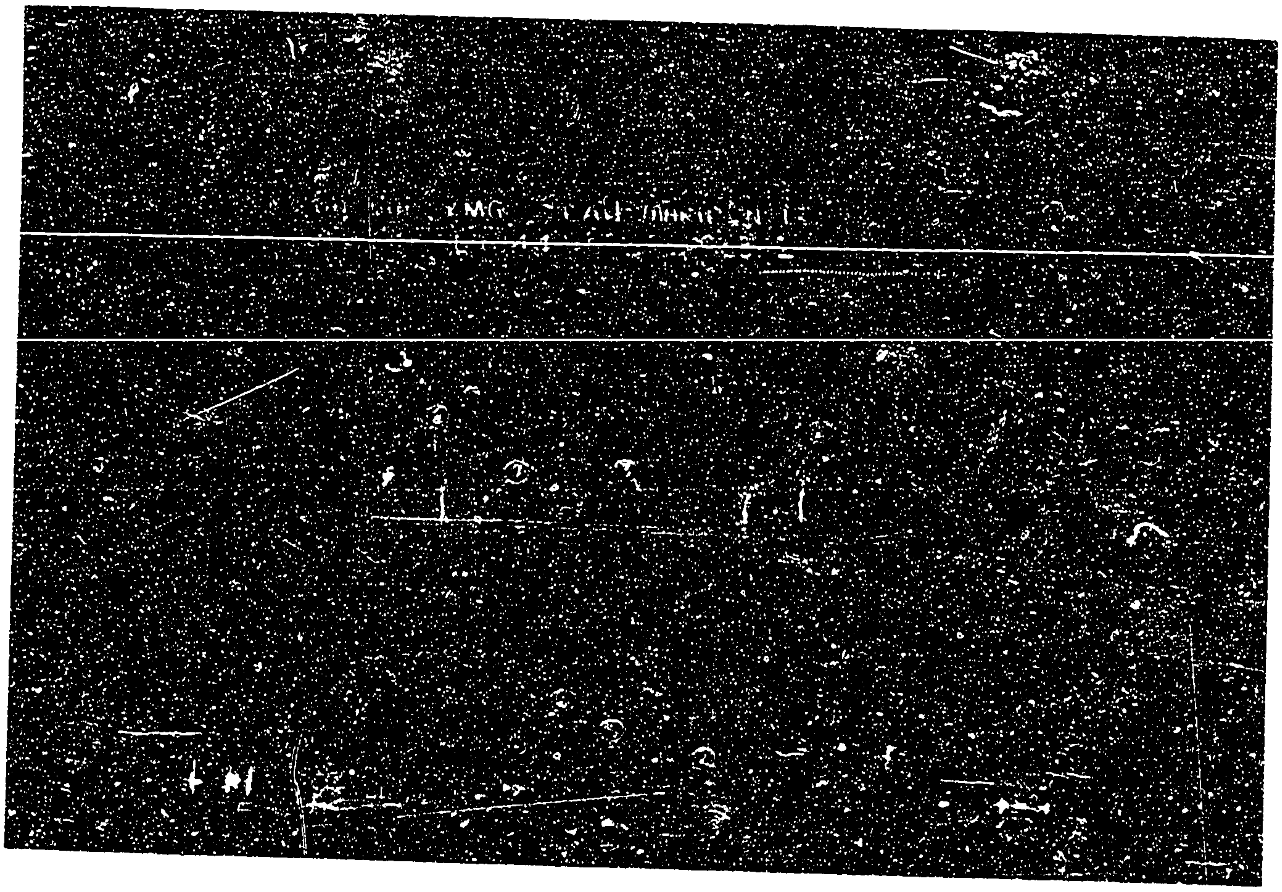
LYNES

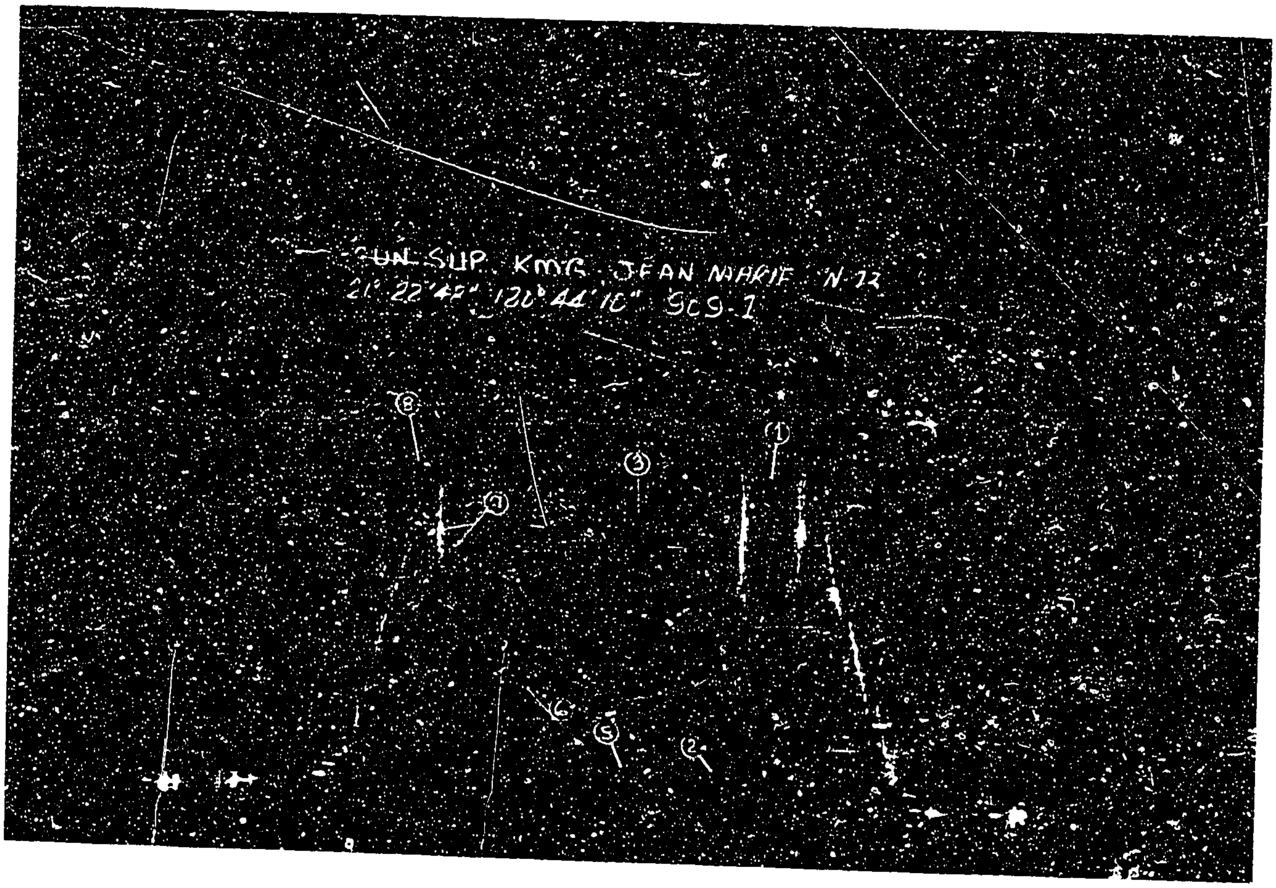
BRIGHT NAME IN THE OIL PATCH

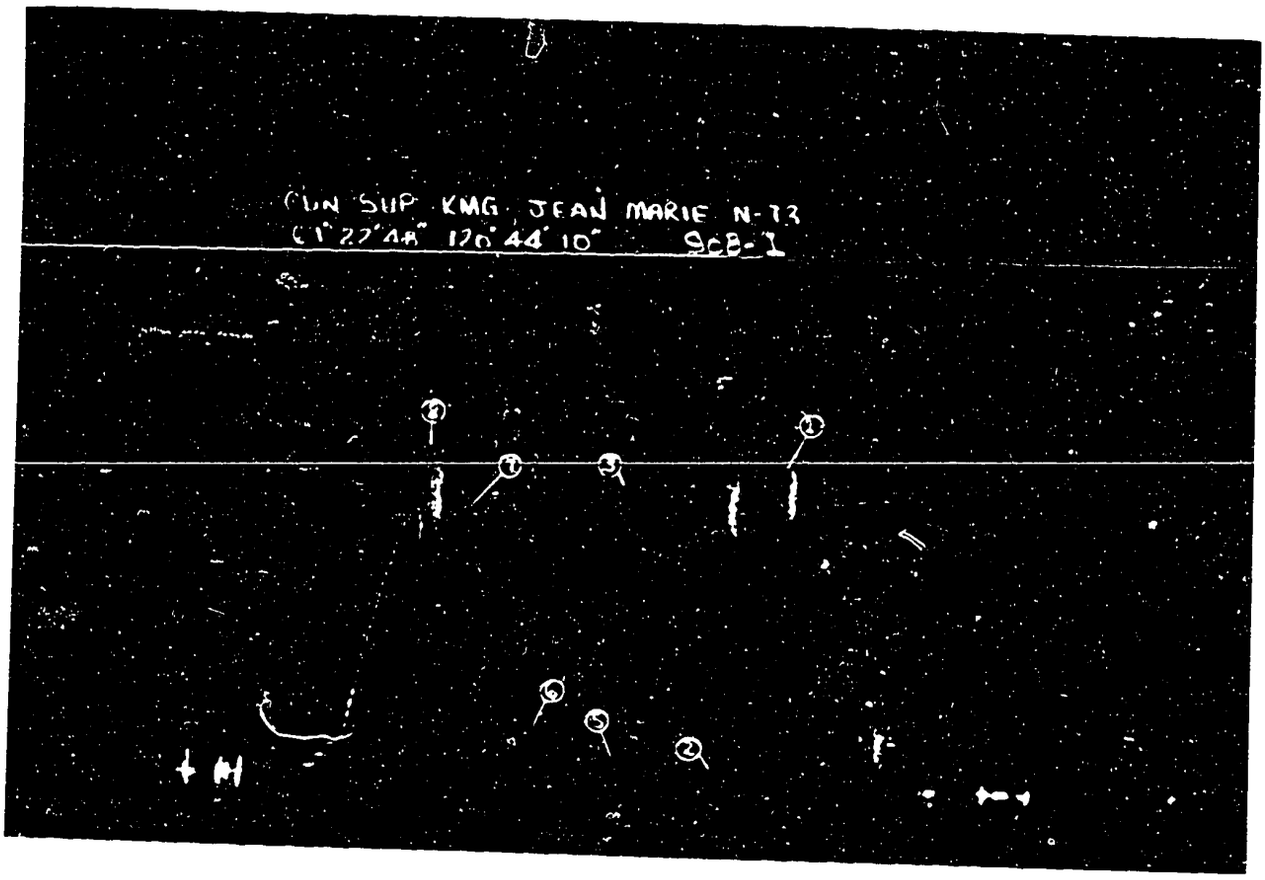
Inflatable Sealing Element Packers

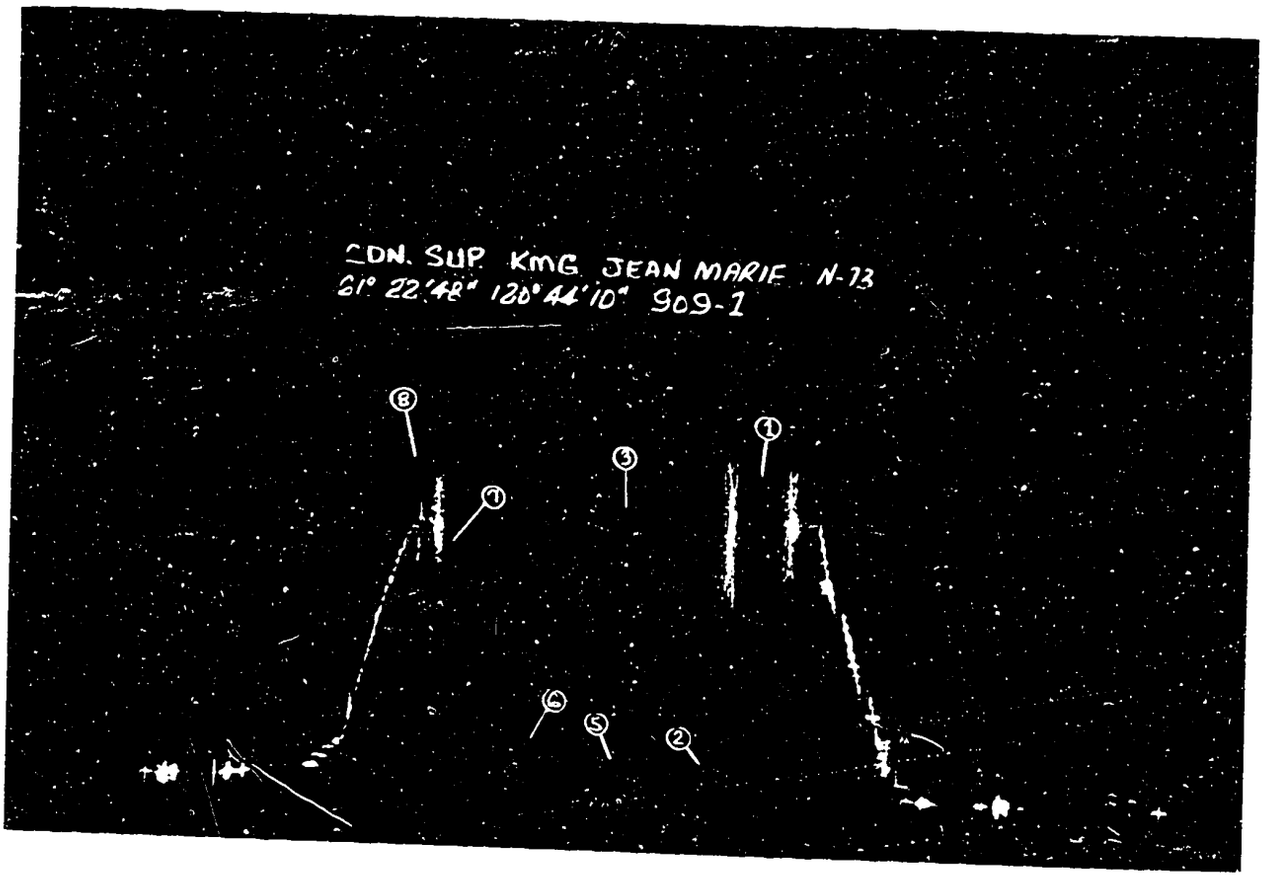


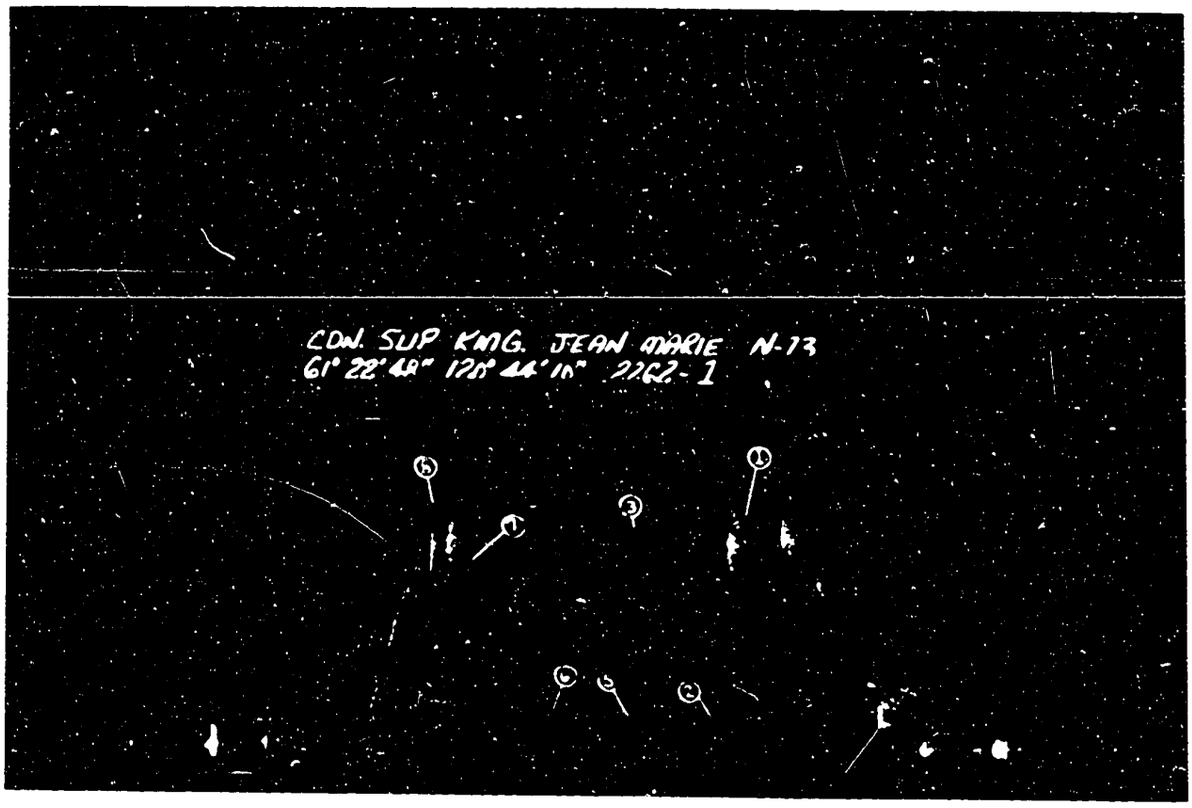
Formation Testing Service Report

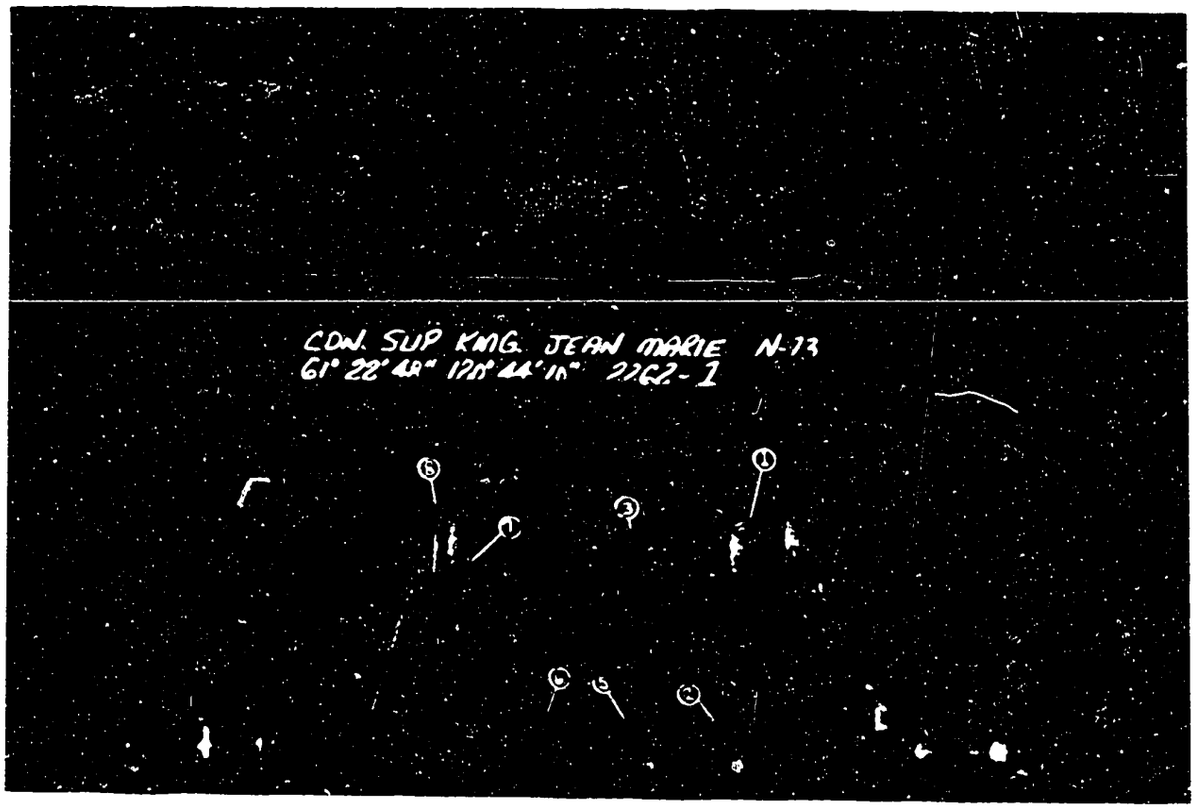


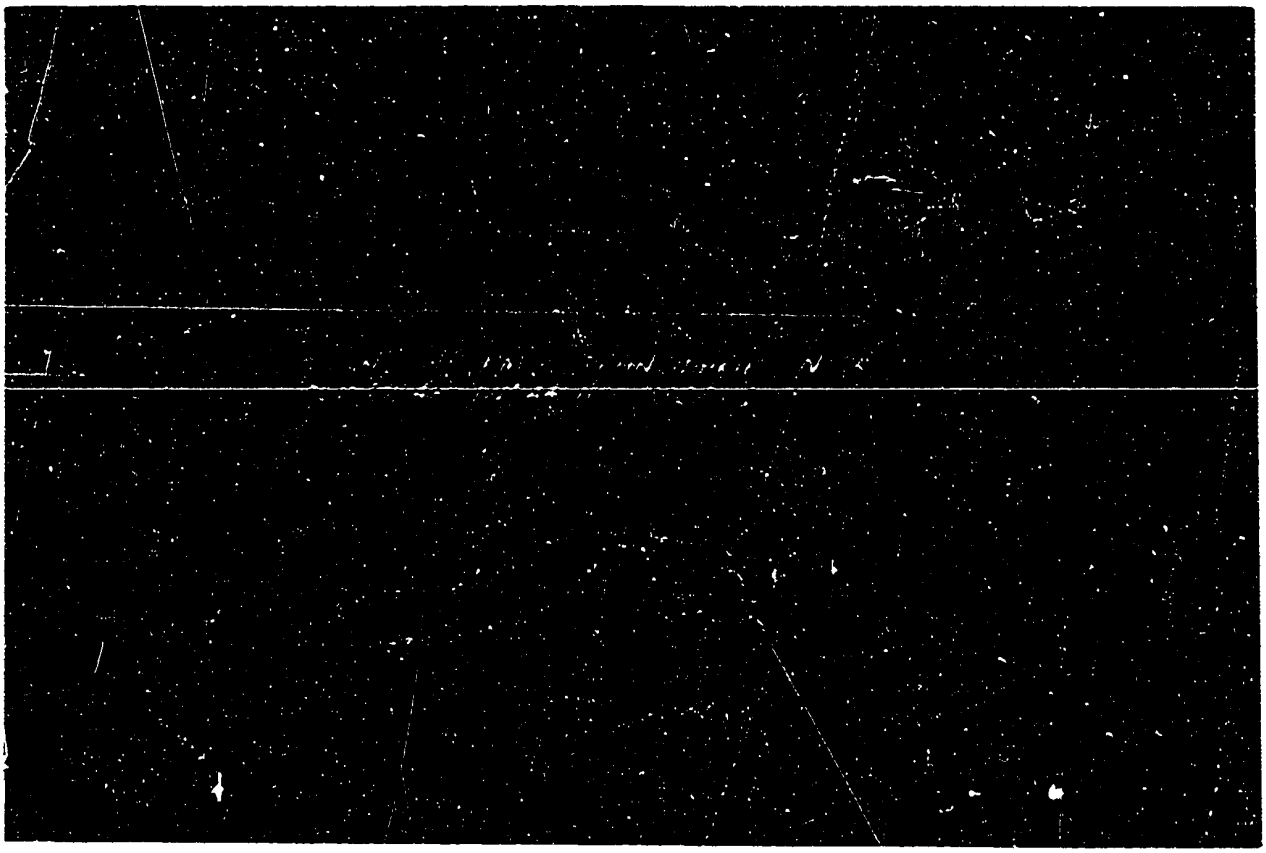

SUP. KMG. JEAN MARIE


CDN SUP KMG JEAN MARIE N-73
61° 22'48" 120° 44' 10" 9CB-1


CDN. SUP. KMG JEAN MARIE N-73
61° 22'48" 120° 44'10" 909-1


CDN. SUP KNG. JEAN MARIE N-73
61° 22' 48" 128° 44' 10" 2262-1


CDW. SUP KING. JEAN MARIE N-73
61° 22' 48" 120° 44' 16" 22G2-1



Canadian Superior Oil Company Ltd.
Can Sup KMG Jean Marie N-75 61°22'48" 120°44'10"
DST# 1

NOMENCLATURE (Definition of Symbols)

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

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

DEFINITION OF SYMBOLS

Recorder Depth 2460 ft. Subsea depth -1795 ft. Ticket No. 1006 Hour Recorder No. 908

t_o = 3 Mins. Initial Shut-In Pressure				Second Flow Pressure		t_o = 63 Mins. Final Shut-In Pressure			
Time, Min. Ø	$\frac{t_o + Ø}{Ø}$	PSIG	PSIG² ÷10⁶ (Gas)	Time Defl. .000"	PSIG	Time, Min. Ø	$\frac{t_o + Ø}{Ø}$	PSIG	PSIG² ÷10⁶ (Gas)
0	--	34				0	--	164	
5	1.600	966				5	13.600	668	
10	1.300	1050				10	7.300	774	
15	1.200	1085				15	5.200	838	
20	1.150	1102				20	4.150	889	
25	1.120	1113				25	3.520	923	
30	1.100	1121				30	3.100	947	
35	1.086	1126				35	2.800	969	
40	1.075	1130				40	2.575	984	
45	1.067	1133				45	2.400	997	
50	1.060	1136				50	2.260	1009	
55	1.055	1138				55	2.145	1019	
60	1.050	1140				60	2.050	1026	

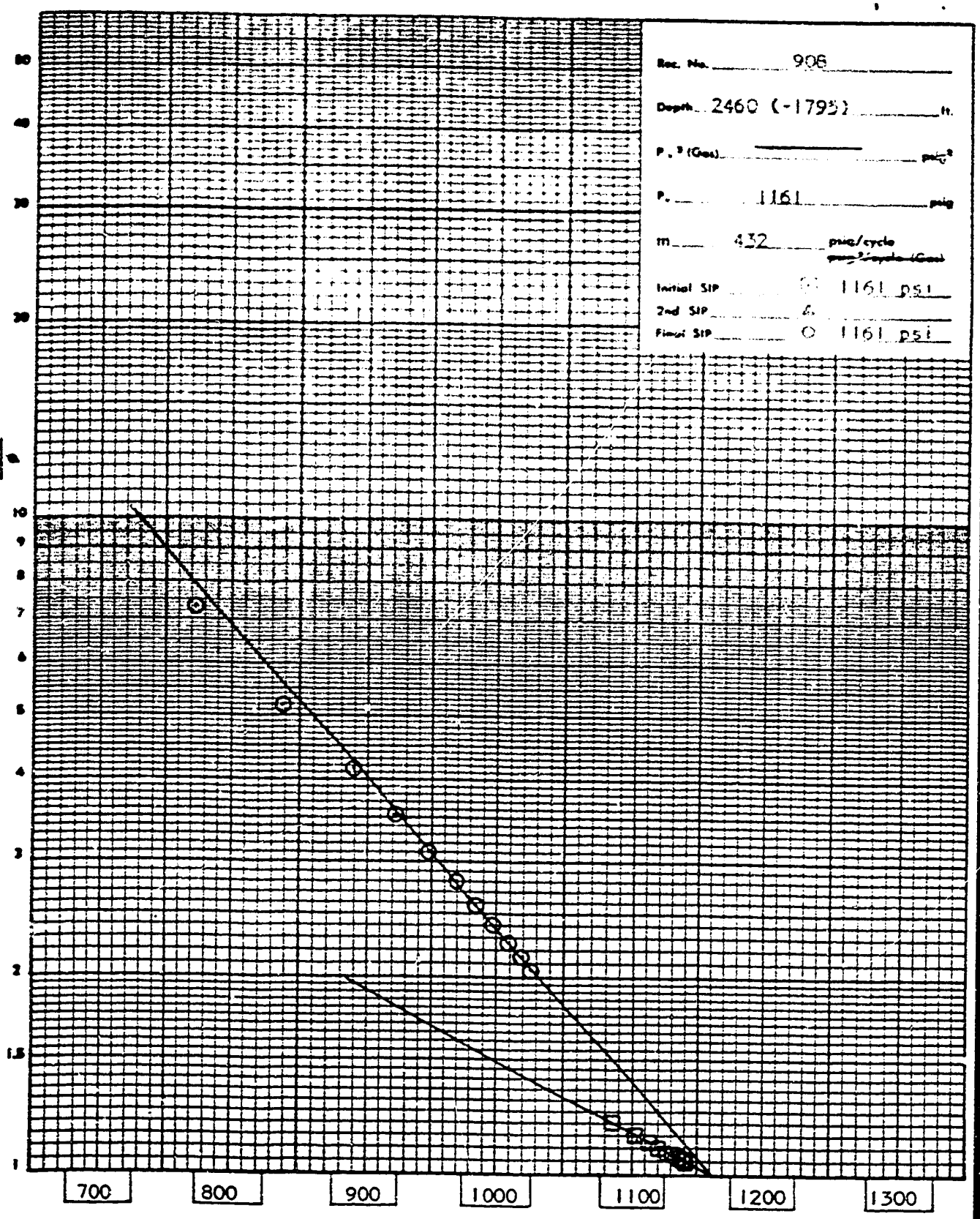
Recorder Depth ..... ft. Subsea depth ..... ft. Ticket No. ..... Hour Recorder No. .....

t_o = Mins. Initial Shut-In Pressure				Second Flow Pressure		t_o = Mins. Final Shut-In Pressure			
Time, Min. Ø	$\frac{t_o + Ø}{Ø}$	PSIG	PSIG² ÷10⁶ Ø	Time Defl. .000"	PSIG	Time, Min. Ø	$\frac{t_o + Ø}{Ø}$	PSIG	PSIG² ÷10⁶ (Gas)

Interval of Pressure Readings (Mins.) ISIP 5 2nd Flow Press. FSIP 5

Remarks: DST# 1

PRESSURE DATA



DST# 1

PRESSURE EXTRAPOLATION PLOT

LYNES UNITED SERVICES LTD.

TEST DATA

Test No. One — Lynes Test One

Formation: Hume — T.D. 2868 Ft.

Interval Tested: 2480 Ft. to 2530 Ft.

Feet of Net Pay Tested: 50' Ft.

Type of Test: Dual straddle bypass

Cushion: Amount Ft.

Started in Hole at 0500 Hrs. Tool Open at 0722 Hrs.

Pre-Flow: 3 Mins. Initial Shut-in: 60 Mins.

2nd Flow: Mins. Second Shut-in: Mins.

Final Flow: 60 Mins. Final Shut-in: 60 Mins.

Remarks:

Blow: Fair initial puff. Good air blow on valve open decreasing to weak.

GENERAL INFORMATION

Company: Canadian Superior Oil Company Ltd.

Address: 703 - 6th Avenue S.W.,
Calgary 2, Alberta.

Well Name: Cdn Sup KMG Jean Marie N-73

Well Number: 61° 22' 48" 120° 44' 10"

K.B. Elevation: 665 Sub-Sea Elevation:

Area: Jean Marie Province: N.W.T.

Company Rep.: Gordon Berthrume

Tester: R. Yohemas

Contractor: Regent Rig No. 29

Ticket No. 1006 Date: February 24, 1969.

Service Reports To:
9 - above address

GAS BLOW MEASUREMENTS

Measured with

Time	Surface Choke	Reading Inches	Cubic Feet/Day

MUD AND HOLE DATA

Mud Type: Gel Chemical

Weight: 9.3 Viscosity: 110 Water Loss: 10.0

Filter Cake: 2/32 Bottom Hole Temperature: 130°

Drill Pipe Size: 3 1/2 I.F. Weight: 13.2

Drill Collars: 6 1/4 I.D. 2 7/8 Feet Run: 293.01

Main Hole or Casing Size: 8 3/4"

Rathole or Liner Size: 7 7/8" No. of Feet: 468

Bottom Hole Choke Size: 1"

Surface Choke Size: 3/4"

Packer Rubber Size: 7"

REMARKS

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

RECOVERY

TOTAL FLUID RECOVERED: 265 Ft. Consisting of:

265 Ft. of Water cut mud.

Ft. of

Ft. of

Ft. of

Test was/was not Reverse Circulated: not

Oil Recovery A.P.I. Water Specific Gravity

Salinity: 20,000 p.p.m.

PRESSURE READINGS

	Inside X Outside	Inside Outside X	Inside Outside X	Inside Outside
Recorder No.	908	909	2262	
Capacity	3700	4000	4950	
Depth	2460	2490	2495	

NUMBER KEY:

1 - INITIAL HYDROSTATIC	1184	1196	1217	
2 - PRE-FLOW	34	51	53	
3 - INITIAL SHUT-IN	1140	1153	1154	
4a - 2nd INITIAL FLOW				
4b - 2nd FINAL FLOW				
4c - 2nd SHUT-IN				
5 - 3rd INITIAL FLOW	50	59	58	
6 - FINAL FLOW	164	173	175	
7 - FINAL SHUT-IN	1026	1038	1039	
8 - FINAL HYDROSTATIC	1184	1196	1210	

Company: Canadian Superior Oil Company Ltd.

Well Name and Description: Cdn Sup KMG Jean Marie N-73 61°22'48" 120°44'10"

Test No.: One

Date of Test: February 24, 1969.

Form 126

CANADIAN SUPERIOR OIL LTD.

DAILY DRILLING REPORT

SURF. CSG. SIZE 4 5/8 "AT [illegible]
INTER. CSG. SIZE ____ "AT ____
K.B. ELEV. 665
GROUND ELEV. 649
K.B. TO CSG. FLANGE 13.60

CONTRACTOR Regent
~~SERVICE~~/ROTARY RIG NO. 29

DATE Feb 27 1969
FIELD Wildcat
LEASE [illegible]
WELL NO. Jean Marie H-73
PROVINCE N.W.T.

MIDNIGHT TO 8:00 A.M.

WEATHER	TEMP

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH
D.P.				
D.C.				
SUBS				
KELLY LENGTH				
TOTAL ON HOOK				
UP ON KELLY				
TOTAL DEPTH				

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED R. Fitzgerald DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED

8:00 A.M. TO 4:00 P.M.

WEATHER	TEMP

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH
D.P.				
D.C.				
SUBS				
KELLY LENGTH				
TOTAL ON HOOK				
UP ON KELLY				
TOTAL DEPTH				

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED G. Naslund DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED
9:00	9:00	Lay [illegible] for mud tanks & wait on truck to move

4:00 P.M. TO MIDNIGHT

WEATHER	TEMP

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH
D.P.				
D.C.				
SUBS				
KELLY LENGTH				
TOTAL ON HOOK				
UP ON KELLY				
TOTAL DEPTH				

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED H. Johnson DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED

[illegible signature] CUN. SUP. REP.

BOILER USED THIS 24 HOURS?

TOOLPUSH

Form 126

CANADIAN SUPERIOR OIL LTD.

DAILY DRILLING REPORT

SURF. CSG. SIZE ________ "AT ____
INTER. CSG. SIZE ________ "AT ____
K.B. ELEV. 665
GROUND ELEV. 649
K.B. TO CSG. FLANGE 13.00

CONTRACTOR Regent
~~SERVICE~~/ROTARY RIG NO. 29

DATE Feb 26 - 1969
FIELD Wildcat
LEASE [illegible]
WELL NO. Jean Marie N-73
PROVINCE ~~Alberta~~ N.W.T

MIDNIGHT TO 8:00 A.M.

WEATHER	TEMP

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH
D.P.				
D.C.				
SUBS				
KELLY LENGTH				
TOTAL ON HOOK				
UP ON KELLY				
TOTAL DEPTH				

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION
	2764			

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED ________ DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED

8:00 A.M. TO 4:00 P.M.

WEATHER	TEMP

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH
D.P.				
D.C.				
SUBS				
KELLY LENGTH				
TOTAL ON HOOK				
UP ON KELLY				
TOTAL DEPTH				

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION
	2764			

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED ________ DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED
9:00	4:00	Tear out Rig

4:00 P.M. TO MIDNIGHT

WEATHER	TEMP

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH
D.P.				
D.C.				
SUBS				
KELLY LENGTH				
TOTAL ON HOOK				
UP ON KELLY				
TOTAL DEPTH				

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED ________ DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED

[illegible signature] CDN. SUP. REP.   BOILER USED THIS 24 HOURS? ________   ________ TOOLPUSHER

Form 126

SURF. CSG. SIZE 10 3/4 "AT 457
INTER. CSG. SIZE ____ "AT ____
K.B. ELEV. 665
GROUND ELEV. 649
K.B. TO CSG. FLANGE 13.00

CANADIAN SUPERIOR OIL LTD.

DAILY DRILLING REPORT

CONTRACTOR Regent Drlg
SERVICE/ROTARY RIG NO. 29

DATE Feb 25/69
FIELD
LEASE Candigo K.M.G.
WELL NO. [illegible] N-73
PROVINCE N.W.T.

MIDNIGHT TO 8:00 A.M.

WEATHER | TEMP

DETAILS OF DRILLING STRING: STDS. | SLGS. | SIZE | LENGTH
D.P.
D.C.
SUBS
KELLY LENGTH
TOTAL ON HOOK
UP ON KELLY
TOTAL DEPTH

TOUR DRILLING, RATHOLING & REAMING RECORD: FROM | TO | HOURS | WEIGHT | FORMATION

BIT AND CORE HEAD RECORD: BIT NO. | SIZE | MAKE | SERIAL | FOOTAGE | HOURS

INCLINATION AND DIRECTIONAL SURVEYS: MAKE AND TYPE | DEPTH | DEGREE AND DIRECTION

SIGNED ____ DRILLER

DETAILS OF MUD TESTS: TIME | WT. | VIS. | W.L. | CAKE | PH

DETAILS OF MUD ADDITIVES: MATERIAL | LBS. | MATERIAL | LBS.

REMARKS Ran abandonment plug #2 by Howco 75 sks Const Cement displace @ 2.90 bbls start mix 1.07 - Finish mix 1.12 plug in place 1.14 AM. Displace hole to water before running plug #2

FROM	TO	DESCRIPTION OF WORK PERFORMED
12.00	12.45	Pull out to Run Plug #2
12.45	1.15	Run plug #2
1.15	8.00	W.O.C. Lay down Drillpipe Strip Bopes

8:00 A.M. TO 4:00 P.M.

WEATHER | TEMP

DETAILS OF DRILLING STRING: STDS. | SLGS. | SIZE | LENGTH
D.P.
D.C.
SUBS
KELLY LENGTH
TOTAL ON HOOK
UP ON KELLY
TOTAL DEPTH

TOUR DRILLING, RATHOLING & REAMING RECORD: FROM | TO | HOURS | WEIGHT | FORMATION

BIT AND CORE HEAD RECORD: BIT NO. | SIZE | MAKE | SERIAL | FOOTAGE | HOURS

INCLINATION AND DIRECTIONAL SURVEYS: MAKE AND TYPE | DEPTH | DEGREE AND DIRECTION

SIGNED ____ DRILLER

DETAILS OF MUD TESTS: TIME | WT. | VIS. | W.L. | CAKE | PH

DETAILS OF MUD ADDITIVES: MATERIAL | LBS. | MATERIAL | LBS.

REMARKS Felt plug #2 @ 390'

FROM	TO	DESCRIPTION OF WORK PERFORMED
8.00	8.15	Rig service
8.15	11.00	Cut Bowl & Cement @ 5 bag plug weld plate on casing plug rathole & mousehole Rig Released 11.00 AM Feb 25th 1969
11.00	4.00	Tear out Rig

4:00 P.M. TO MIDNIGHT

WEATHER | TEMP

DETAILS OF DRILLING STRING: STDS. | SLGS. | SIZE | LENGTH
D.P.
D.C.
SUBS
KELLY LENGTH
TOTAL ON HOOK
UP ON KELLY
TOTAL DEPTH

TOUR DRILLING, RATHOLING & REAMING RECORD: FROM | TO | HOURS | WEIGHT | FORMATION

BIT AND CORE HEAD RECORD: BIT NO. | SIZE | MAKE | SERIAL | FOOTAGE | HOURS

INCLINATION AND DIRECTIONAL SURVEYS: MAKE AND TYPE | DEPTH | DEGREE AND DIRECTION

SIGNED ____ DRILLER

DETAILS OF MUD TESTS: TIME | WT. | VIS. | W.L. | CAKE | PH

DETAILS OF MUD ADDITIVES: MATERIAL | LBS. | MATERIAL | LBS.

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED
7.00	12.00	Lay down derrick & Tear out

G. Bathurst CDN. SUP. REP.   BOILER USED THIS 24 HOURS?   TOOLPUSH

Form 126

SURF. CSG. SIZE 11 3/4 AT 458
INTER. CSG. SIZE ______ AT ______
K.B. ELEV. 665
GROUND ELEV. 649
K.B. TO CSG. FLANGE 13 or

CANADIAN SUPERIOR OIL LTD.

DAILY DRILLING REPORT

CONTRACTOR Regent
~~SERVICE~~/ROTARY RIG NO. 29

DATE Feb 29th 1969
FIELD Wildcat
LEASE Cdn. Sup. K.M.R.
WELL NO. Jean Marie N-73
PROVINCE N.W.T.

MIDNIGHT TO 8:00 A.M.

WEATHER | TEMP

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION
2868 TD				

SIGNED G. S. [illegible] DRILLER

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH
D.P.				
D.C.				
SUBS				

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

KELLY LENGTH
TOTAL ON HOOK
UP ON KELLY
TOTAL DEPTH

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED
1200	1215	CIRC TO TEST
1215	245	Pull out
245	300	SERVICE Rig & CHECK Bops
300	500	Pick up Testing Tool
500	700	Double Measure in
700	800	Rig to test & Testing

8:00 A.M. TO 4:00 P.M.

WEATHER | TEMP

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION
2868				

SIGNED Ted [illegible] DRILLER

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH
D.P.				
D.C.				
SUBS				

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION
Totco	2950	1/4

KELLY LENGTH
TOTAL ON HOOK
UP ON KELLY
TOTAL DEPTH

REMARKS Ran D.S.T. #1 by Lynes, Dual straddle by-pass on dry 3 1/2 pipe - 7 7/8" hole. Took 5 min preflow, 60 min I.S.I. Tool opened @ 8:25 AM for 60 min. Took 60 min F.S.I. Ran Jars I.S.I. tool safety jt & pump out sub. Weak initial puff, fair air flow diminishing to weak after 60 min. Recovered 265' water cut drilling mud. N.G.T.S.

FROM	TO	DESCRIPTION OF WORK PERFORMED
800	1030	TESTING
1030	1200	HOISTING
1200	145	Lay Down Took & Load out Same
145	200	Clean up Floor
200	300	Shut Down - For Shot Holes
300	400	Run in Lay Down D.C.S

4:00 P.M. TO MIDNIGHT

WEATHER | TEMP

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION

SIGNED A. Johnson DRILLER

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH
D.P.	31	1	3 1/2	2848.41
D.C.				
SUBS				

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

KELLY LENGTH 41.00
TOTAL ON HOOK 2869.00
UP ON KELLY 20.00
TOTAL DEPTH 2869.00

REMARKS Ran abandonment plug #1 by Howco 185 sks Const & Oilwell Cement displace @ 18 Bbls Start mixing @ 10:57 Finish mixing 11:15 plug in place 11:22

FROM	TO	DESCRIPTION OF WORK PERFORMED
400	500	Lay down Collars
500		Run in OPEN END & PKR
	730	16 SINGLE & STANDS
730	1000	CIRC & WAIT on Howco
10.00	10.45	Rig up Halliburton
1045	1120	CEMENT No 1 plug
1130	1200	pull out of CEMENT Slowly

[illegible] CDN. SUP. REP. BOILER USED THIS 24 HOURS ______ TOOLPUSH

Form 126

SURF. CSG. SIZE 10 3/4 "AT 458
INTER. CSG. SIZE "AT
K.B. ELEV. 665
GROUND ELEV. 649
K.B. TO CSG. FLANGE 13.00

CANADIAN SUPERIOR OIL LTD.

DAILY DRILLING REPORT

CONTRACTOR Regent Drlg
SERVICE/ROTARY RIG NO. 29

DATE Feb 23/69
FIELD
LEASE Can Sup Jean Marie
WELL NO. A-73
PROVINCE N.W.T.

MIDNIGHT TO 8:00 A.M.

WEATHER | TEMP

Tour Drilling, Ratholing & Reaming Record

FROM	TO	HOURS	WEIGHT	FORMATION
2863	TD			

SIGNED G. Haaland DRILLER

Details of drilling string: D.P., D.C., SUBS; KELLY LENGTH; TOTAL ON HOOK; UP ON KELLY; TOTAL DEPTH

REMARKS Electrical log by Schlumberger
Dual ind log 2"x100 scale 459-2866
5"x100 scale 1600-2866
Formation density log 2"x100 scale 1700-2869
5"x 100 scale 1700-2869
B.H.C.S integrated 2"x100 scale 1700-2869
5"x 100 scale 1600-2868
C.D.M. 5"x100 1700-2866
60"x100 1700-2866
C.D.R 5"x100 459-1900
Ran S.R.S. (velocity survey)

FROM	TO	DESCRIPTION OF WORK PERFORMED
1200	600	Schlumberger waiting for tools
600	800	Logging

8:00 A.M. TO 4:00 P.M.

SIGNED F.D. Card DRILLER

Details of mud additives: Material: dan[illegible] 100 lbs

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED
800	1930	LOGGING
1930	400	RUNNING VELOSITY SURVEY

4:00 P.M. TO MIDNIGHT

SIGNED H. Johnson DRILLER

	STDS.	SGLS.	SIZE	LENGTH
D.P.	93	2	3 1/2	2331 77
D.C.	17		6 1/4	500 16
SUBS				3 66
				4 00
KELLY LENGTH				41 00
TOTAL ON HOOK				2868 00
UP ON KELLY				14 00
TOTAL DEPTH				2868 00

Details of mud tests

TIME	WT.	VIS.	W.L.	CAKE	PH
11.45	[illegible]	48	4.4	2/32	10.0

Bit and core head record

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS
5	7 7/8	SEC	RR	Clean Bottom	

REMARKS
PIPE MEAS 2868.00
PIPE TALLY 2863.00
DIFF 5.00

Daily water cost 50.00 acc 1569.00
Daily mud cost 250.00 acc 1402.00
Daily well cost 7679.00 acc 72641.00

FROM	TO	DESCRIPTION OF WORK PERFORMED
400	430	FINISH LOGGING & RIG DOWN LOGGING EQUIPMENT
430	730	WELD CROWN
730	900	CHANGE MANIFOLD ON NOD MOTOR ON FLOOR
900	1030	LOWER MEASURE IN HOLE
1030	1045	BREAK CIRC (NO FILL)
1045	1200	CIRC TO TEST

A. Buttrum CDN. SUP. REP. BOILER USED THIS 24 HOURS? Bill [illegible] TOOLPUSH

Form 126

SURF. CSG. SIZE 10 3/4 "AT 458
INTER. CSG. SIZE ____ "AT ____
K.B. ELEV. ~~675~~ 665
GROUND ELEV. 649
K.B. TO CSG. FLANGE 1300

CANADIAN SUPERIOR OIL LTD.

DAILY DRILLING REPORT

CONTRACTOR REGENT BRIG
SERVICE/ROTARY RIG NO. 29

DATE Feb 22/69
FIELD
LEASE Can-Sup Jean Marie
WELL NO. M-0173
PROVINCE NWT

MIDNIGHT TO 8:00 A.M.

WEATHER / TEMP

Details of Drilling String

	STDS.	SLGS.	SIZE	LENGTH	
D.P.					
D.C.		17	6 1/4	497	77
SUBS				3	65
				4	00
KELLY LENGTH				41	20
TOTAL ON HOOK				2877	69
UP ON KELLY				14	
TOTAL DEPTH				2863	

Tour Drilling, Ratholing & Reaming Record

FROM	TO	HOURS	WEIGHT	FORMATION
2845	2863	6 1/2	30	

Bit and Core Head Record

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS
5	7 7/8	SEC Hi H G	905935	20	7

Inclination and Directional Surveys

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION
TOTCO	2700	1/4

SIGNED G. Jaslund DRILLER

Details of Mud Tests

TIME	WT.	VIS.	W.L.	CAKE	PH
12	9.2	90	10.0	2/32	8.5
2	9.2	140			
4	9.2	120			
6	9.2	100			

Details of Mud Additives

MATERIAL	LBS.	MATERIAL	LBS.
Gel	3500		

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED
1200	630	DRill 7 7/8 HoLE
630	730	CIRC To Log
730	800	Dummy TRip

8:00 A.M. TO 4:00 P.M.

WEATHER / TEMP

Details of Drilling String

	STDS.	SLGS.	SIZE	LENGTH	
D.P.	74	2	3 1/2	2331	27
D.C.				497	77
SUBS				3	65
				4	00
KELLY LENGTH				2877	69
TOTAL ON HOOK				41	20
UP ON KELLY				14	00
TOTAL DEPTH				2863	00

Tour Drilling, Ratholing & Reaming Record

FROM	TO	HOURS	WEIGHT	FORMATION
2863				

Bit and Core Head Record

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS

Inclination and Directional Surveys

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED T. D. Friel DRILLER

Details of Mud Tests

TIME	WT.	VIS.	W.L.	CAKE	PH
8	9.1	94			
10	9.1	95			

Details of Mud Additives

MATERIAL	LBS.	MATERIAL	LBS.
Nil	Nil		

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED
800	830	Dummy Trip
830	1130	CIRC To Log
1130	1245	SuRvey + S.R.P
1245	400	Rig To Log + Logging

4:00 P.M. TO MIDNIGHT

WEATHER / TEMP

Details of Drilling String

	STDS.	SLGS.	SIZE	LENGTH
D.P.				
D.C.				
SUBS				
KELLY LENGTH				
TOTAL ON HOOK				
UP ON KELLY				
TOTAL DEPTH				

Tour Drilling, Ratholing & Reaming Record

FROM	TO	HOURS	WEIGHT	FORMATION

Bit and Core Head Record

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS

Inclination and Directional Surveys

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED A. Johnson DRILLER

Details of Mud Tests

TIME	WT.	VIS.	W.L.	CAKE	PH

Details of Mud Additives

MATERIAL	LBS.	MATERIAL	LBS.

REMARKS

Daily material cost 50.00 acc 1939.00
Daily mud cost 159.75 acc 3711.75
Daily well cost 2263.75 acc 69968.00

FROM	TO	DESCRIPTION OF WORK PERFORMED
400	1200	Logging By SCHLUMBERGER

A. Kittleson CDN. SUP. REP.

BOILER USED THIS 24 HOURS? ____

TOOLPUSH

Form 126

SURF. CSG. SIZE 10 3/4" AT 458
INTER. CSG. SIZE ____ "AT ____
K.B. ELEV. 665
GROUND ELEV. 649
K.B. TO CSG. FLANGE 13.00

CANADIAN SUPERIOR OIL LTD.

DAILY DRILLING REPORT

CONTRACTOR REGENT DRLG.
SERVICE/ROTARY RIG NO. 29

DATE FEB 21/69
FIELD ____
LEASE EAN SUPT SAN MARIE
WELL NO. N 73
PROVINCE N.W.T.

MIDNIGHT TO 8:00 A.M.

WEATHER ____ TEMP ____

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH	
D.P.	24	2	3 1/2	2240	78
D.C.		17	6 1/4	497	77
SUBS				3	65
				4	00
KELLY LENGTH				41	00
TOTAL ON HOOK				64	M
UP ON KELLY				19	10
TOTAL DEPTH				2768	00

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION
2713	2768	5 3/4	30	

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS
4	7 7/8	SEC	46544	55	5 3/4
		MULES			

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED [signature] DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH
4	9.3	100			
6	9.2	75	28.0	2/32	10.5

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.
Caustic	100	Gel	200
Cellex	50		
~~Caustic~~			
CQ	100		

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED
12.00	12.15	RIG SERVICE
1215	1245	RUN IN
1245	130	REPLACE HIGH CHAIN
130	200	RUN IN
200	215	REAM & CLEAN 20' TO BOTTOM 5' FILL
215	500	DRILL 7 7/8 HOLE

8:00 A.M. TO 4:00 P.M.

WEATHER ____ TEMP ____

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH	
D.P.	25	1	3 1/2	2301	26
D.C.	17		6 1/4	497	77
SUBS				3	65
				4	00
KELLY LENGTH				41	00
TOTAL ON HOOK				2847	68
UP ON KELLY				16	68
TOTAL DEPTH				2831	00

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION
2768	2831	7 3/4	30	

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS
4	7 7/8	REED	46564	125	13 1/2

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED [signature] DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH
8	9.2	67	11	3/32	10.5
10	9.2	55			
12	9.3	68			
2	9.3	95			

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.
Gel	1500		
Cellex	150		
C.Q.	100		

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED
800	945	DRILLING 7 7/8 Hole
945	1000	R.I.S. SER + BOP Check
1000	400	DRILLING

4:00 P.M. TO MIDNIGHT

WEATHER ____ TEMP ____

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH	
D.P.	25	1	3 1/2	2301	26
D.C.		17	6 1/4	497	77
SUBS				3	65
				4	00
KELLY LENGTH				41	00
TOTAL ON HOOK				2847	68
UP ON KELLY				5	68
TOTAL DEPTH				2845	00

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION
2831	2845	3 1/4	30	

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS
3	7 7/8	SEC	46564		16 3/4
		MULES		130	
4	7 7/8	HTC	90594	2	1/2

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED [signature] DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH
4	9.3	80			
6	9.3	100			

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.

REMARKS

Daily water cost 50.00 acc 1914.00
Daily mud cost 375.00 acc 2652.00
Daily well cost 2587.00 acc 67704.00

FROM	TO	DESCRIPTION OF WORK PERFORMED
400	715	DRILL
715	800	PULL OUT HOLE TIGHT
800	945	CIRC TO CLEAN HOLE
945	1000	PULL OUT
1000	1115	RUN IN
1115	1130	REAM & CLEAN 2' FILL
1130	1200	DRILL

CL - [illegible] CDN. SUP. REP.

BOILER USED THIS 24 HOURS? ____

TOOLPUSH ____

Form 126

SURF. CSG. SIZE 10 3/4 "AT 458
INTER. CSG. SIZE _____ "AT _____
K.B. ELEV. 675
GROUND ELEV. 699
K.B. TO CSG. FLANGE 1300

CANADIAN SUPERIOR OIL LTD.

DAILY DRILLING REPORT

CONTRACTOR REGENT DRLG
SERVICE/ROTARY RIG NO. 29

DATE FEB 20/69
FIELD _____
LEASE CAN SUP KM 6
WELL NO. JEAN MARIE N73
PROVINCE NWT

MIDNIGHT TO 8:00 A.M.

WEATHER _____ TEMP _____

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH	
D.P.	23		3 1/2	2087	99
D.C.	17		6 1/4	497	77
SUBS				3	65
				4	00
KELLY LENGTH				41	
TOTAL ON HOOK				62	M
UP ON KELLY				23	51
TOTAL DEPTH				2611	00

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION
2534	2611	7 3/4	30	

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS
3	7 7/8	SEC MULG	906813	151	15 1/4

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED [signature] DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH
1200	9.3	46	9.4	2/32	8
200	9.2	56			
4	9.1	75			
6	9.1	110	22.0	2/32	8

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.
CQ	200		
GEL	1300		
CAUSTIC	50		

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED
1200	1215	RIG SERVICE BOP CHECK
1215	800	DRILL 7 7/8 HOLE

8:00 A.M. TO 4:00 P.M.

WEATHER _____ TEMP _____

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH	
D.P.	23	2	3 1/2	2148	88
D.C.	17		6 1/4	497	77
SUBS				3	65
				4	00
KELLY LENGTH				41	00
TOTAL ON HOOK				2695	30
UP ON KELLY				26	30
TOTAL DEPTH				2669	00

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION
2611	2669	7 3/4	30	

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS
3	7 7/8	SEC MULGT	906813	209	23

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED [signature] DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH
8	9.2	48	28	2/32	10.5
10	9.3	70			
12	9.4	65			
2	9.2	71			

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.
CAUSTIC	100		
CQ	100		
GEL	1400		

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED
800	945	DRILLING 7 7/8 HOLE
945	1000	RIG SER & BOP CHECK
1000	400	DRILLING

4:00 P.M. TO MIDNIGHT

WEATHER _____ TEMP _____

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH	
D.P.	24		3 1/2	2179	84
D.C.		17	6	497	77
SUBS				3	65
				4	00
KELLY LENGTH				41	00
TOTAL ON HOOK				64	M
UP ON KELLY				13	
TOTAL DEPTH				2713	

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION
2669	2713	6	30	

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS
3	7 7/8	SEC MULGT	906813	253	29

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION
TOPCO	2700	1/4

SIGNED [signature] DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH
4	9.2	62	25.2	2/32	9.5
6	9.4	60			
8	9.3	74			

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.
GEL	1000		

REMARKS

Daily water cost 18.00 acc 1264.00
Daily mud cost 209.50 acc 2276.90
Daily well cost 2516.50 acc 40116.35

FROM	TO	DESCRIPTION OF WORK PERFORMED
400	1000	DRILL 7 7/8 HOLE
1000	1015	SURVEY
1015	1200	PULL OUT

[signature] CDN. SUP. REP. — BOILER USED THIS 24 HOURS? _____ [signature] TOOLPUSH

Form 126

SURF. CSG. SIZE 10 3/4" AT 459 INTER. CSG. SIZE ____ "AT ____ K.B. ELEV. 675 GROUND ELEV. 699 K.B. TO CSG. FLANGE 1300	CANADIAN SUPERIOR OIL LTD. **DAILY DRILLING REPORT** CONTRACTOR Regent Drilling SERVICE/ROTARY RIG NO. 79	DATE Feb 19/69 FIELD LEASE Can Sup King WELL NO. [illegible] 73# PROVINCE N.W.T.

MIDNIGHT TO 8:00 A.M.

WEATHER | TEMP

Details of Drilling String

	STDS.	SLGS.	SIZE	LENGTH	
D.P.	7	1	3 1/2 IF	1849	97
D.C.	17 [illegible]		6 1/4	497	77
SUBS				3	65
				4	00
CORE BARREL				91	55
KELLY LENGTH				41	00
TOTAL ON HOOK				2460	00
UP ON KELLY				6	00
TOTAL DEPTH				2460	00

Tour Drilling, Ratholing & Reaming Record

FROM	TO	HOURS	WEIGHT	FORMATION
2400	2460	6 1/2	120	

Bit and Core Head Record

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS
1"	7 3/8	[illegible]	[illegible]	24	6 1/2

Inclination and Directional Surveys

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED G. Johnson DRILLER

Details of Mud Tests

TIME	WT.	VIS.	W.L.	CAKE	PH
12	9.3	65	11.0	2/32	
200	9.3	68			
400	9.4	74			
600	9.4	74			

Details of Mud Additives

MATERIAL	LBS.	MATERIAL	LBS.

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED
1200	630	Cut Core No 1
630	700	Set Brakes & Rig Ser
700	800	Pull Out

8:00 A.M. TO 4:00 P.M.

WEATHER | TEMP

Details of Drilling String

	STDS.	SLGS.	SIZE	LENGTH
D.P.				
D.C.	17			497 77
SUBS				3 65
				4 00
KELLY LENGTH				41 00
TOTAL ON HOOK				
UP ON KELLY				
TOTAL DEPTH				

Tour Drilling, Ratholing & Reaming Record

FROM	TO	HOURS	WEIGHT	FORMATION
2460				

Bit and Core Head Record

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS
3	7 7/8	SEC	906813		

Inclination and Directional Surveys

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED G. [illegible] DRILLER

Details of Mud Tests

TIME	WT.	VIS.	W.L.	CAKE	PH

Details of Mud Additives

MATERIAL	LBS.	MATERIAL	LBS.

REMARKS Cut Core #1 by Chr Drill
7 23/32 X 4 Interval 2400-2460
60' Recovered 59.5' in 17 Boxes

FROM	TO	DESCRIPTION OF WORK PERFORMED
800	845	Finish Out
845	1145	Handle Core & Lay Down Core BBL
1145	400	Run in Check DC Lay Down 3 Washed Pick up 3 DCs

4:00 P.M. TO MIDNIGHT

WEATHER | TEMP

Details of Drilling String

	STDS.	SLGS.	SIZE	LENGTH	
D.P.	22		3 1/2	1992	49
D.C.	17		6 1/4	497	77
SUBS				3	65
				4	00
KELLY LENGTH				41	00
TOTAL ON HOOK				2543	86
UP ON KELLY				3	86
TOTAL DEPTH				2540	00

Tour Drilling, Ratholing & Reaming Record

FROM	TO	HOURS	WEIGHT	FORMATION
2460	2540	7 1/2	30	Lime

Bit and Core Head Record

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS
3	7 7/8	MULES	906813	80	7 1/2

Inclination and Directional Surveys

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED DRILLER

Details of Mud Tests

TIME	WT.	VIS.	W.L.	CAKE	PH
6	9.4	62	9	2/32	7.5
8	9.4	62			
10	9.5	66			
12	9.5	66			

Details of Mud Additives

MATERIAL	LBS.	MATERIAL	LBS.
CQ	100		
Gel	2600		

REMARKS
Daily water cost 50.00 acc 1296.00
Daily mud cost 127.00 acc 1911.10
Daily well cost 2239.00 acc 57401.00

FROM	TO	DESCRIPTION OF WORK PERFORMED
400	430	Rig Ser & Clean to Btm
430	12.00	Drill 7 7/8 Hole

R. [illegible] CDN. SUP. REP. | BOILER USED THIS 24 HOURS? | Bill [illegible] TOOLPUSH

Form 126

CANADIAN SUPERIOR OIL LTD.

DAILY DRILLING REPORT

SURF. CSG. SIZE 10¾ AT 458
INTER. CSG. SIZE ____ AT ____
K.B. ELEV. 665
GROUND ELEV. 699
K.B. TO CSG. FLANGE 1700

CONTRACTOR Regent Drilling LTD
SERVICE/ROTARY RIG NO. 29

DATE Feb 19/69
FIELD Can Sup
LEASE Can Sup [illegible]
WELL NO. [illegible] 73
PROVINCE NWT

MIDNIGHT TO 8:00 A.M.

WEATHER ____ TEMP ____

Details of Drilling String

	STDS.	SLGS.	SIZE	LENGTH	
D.P.	19	1	3½	1759	17
D.C.	21		6¾x6	619	62
SUBS	1			2	59
	1			3	65
	1			4	05
KELLY LENGTH				41	00
TOTAL ON HOOK				24	[illegible]
UP ON KELLY				30	06
TOTAL DEPTH				[illegible]	

Tour Drilling, Ratholing & Reaming Record

FROM	TO	HOURS	WEIGHT	FORMATION
2303	2400	6	40	

Bit and Core Head Record

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS
2	9⅞	SEC	909[illegible]		

Inclination and Directional Surveys

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED F. Johnson DRILLER

Details of Mud Tests

TIME	WT.	VIS.	W.L.	CAKE	PH
400	9.1	45	13.0	2/32	
600	9.1	62			
800	9.1	64	13.4	2/32	

Details of Mud Additives

MATERIAL	LBS.	MATERIAL	LBS.
Gel	2800		

REMARKS 2395

FROM	TO	DESCRIPTION OF WORK PERFORMED
1200	1230	SET up BRAKES
1230		Hook up Hydromatic & Rig SER
	115	4 BARS
115	145	FINISH in
145	200	BREAK CIRC Slowly
200		Drill

8:00 A.M. TO 4:00 P.M.

WEATHER ____ TEMP ____

Details of Drilling String

	STDS.	SLGS.	SIZE	LENGTH	
D.P.					
D.C.	21			609	62
SUBS				2	59
				3	65
				4	05
KELLY LENGTH				41	00
TOTAL ON HOOK					
UP ON KELLY					
TOTAL DEPTH					

Tour Drilling, Ratholing & Reaming Record

FROM	TO	HOURS	WEIGHT	FORMATION
2395	2400	¼	40	

Bit and Core Head Record

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS
2	8⅞	SEC	9099397	6¼	

Inclination and Directional Surveys

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED G. [illegible] DRILLER

Details of Mud Tests

TIME	WT.	VIS.	W.L.	CAKE	PH
9	9.3	45	11.0	2/32	

Details of Mud Additives

MATERIAL	LBS.	MATERIAL	LBS.
Gel	1000		

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED
800	815	Rig SERVICE & Bop CHECK
815	830	DRill
830	1000	CIRC TO CLEAN HOLE
1000	1230	DOUBLE MESURE OUT & lay Down 4-6½ DCS
1230	400	PICK UP CORE BBL & RUN IN TO CORE

4:00 P.M. TO MIDNIGHT

WEATHER ____ TEMP ____

Details of Drilling String

	STDS.	SLGS.	SIZE	LENGTH	
D.P.	20		3½	1818	38
D.C.	17		6-1	497	27
SUBS	1			3	65
	1			4	00
C.B.				71	85
KELLY LENGTH				41	00
TOTAL ON HOOK				2436	64
UP ON KELLY				5	64
TOTAL DEPTH				2431	00

Tour Drilling, Ratholing & Reaming Record

FROM	TO	HOURS	WEIGHT	FORMATION
2400				Lime

Bit and Core Head Record

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS
1	7⅞	◇		31	6½

Inclination and Directional Surveys

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED [illegible] DRILLER

Details of Mud Tests

TIME	WT.	VIS.	W.L.	CAKE	PH
6	9.3	80	16	3/32	12
8	9.4	75			
10	9.4	68			
12	9.4	67			

Details of Mud Additives

MATERIAL	LBS.	MATERIAL	LBS.

REMARKS

Daily water cost 51.— acc 1396.—
Daily mud cost 692.75 acc 1749.—
Daily well cost 2904.40 acc 55361.—

FROM	TO	DESCRIPTION OF WORK PERFORMED
400	415	R.G SER
415	430	Finished Running in
430	445	FEEL to BTM
445	530	CIRC to CORE
530	1200	C[illegible] CORING C.T. 31 Ft.

[illegible] CON. SUP. REP.   BOILER USED THIS 24 HOURS? ____   TOOLPUSH

Form 126

SURF. CSG. SIZE 10 3/4" AT 439
INTER. CSG. SIZE ____ "AT ____
K.B. ELEV. 615
GROUND ELEV. 699
K.B. TO CSG. FLANGE 1300

CANADIAN SUPERIOR OIL LTD.

DAILY DRILLING REPORT

CONTRACTOR REGENT DRILLING
SERVICE/ROTARY RIG NO. 29

DATE [illegible]
FIELD [illegible]
LEASE [illegible]
WELL NO. [illegible]
PROVINCE [illegible]

MIDNIGHT TO 8:00 A.M.

WEATHER: ____ TEMP: ____

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH	
D.P.	15	2	3½	1422	66
D.C.	21		6½-2¼	609	62
SUBS	1			2	59
	1			3	65
	1		[illegible]	11	05
KELLY LENGTH				41	00
TOTAL ON HOOK				68000	
UP ON KELLY				11	55
TOTAL DEPTH				2072	00

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION
1200	2072	6 3/4	25-30	

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS
1	8 3/4	HW	6299	1611	26

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION
TOTCO	2072	1°

SIGNED A. Johnson DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH
12	9.1	[illegible]			
[illegible]	9.2	[illegible]			
4 AM	9.1	[illegible]			
[illegible]	9.1	[illegible]			

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.
Gel	1500		

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED
200	630	DRILL 9 3/4 HOLE
630	715	CIRC up SAMPLES & SURVEY
715	730	DRILL
730	800	CIRC SAMPLE

8:00 A.M. TO 4:00 P.M.

WEATHER: ____ TEMP: ____

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH	
D.P.	17	1	3½	1876	59
D.C.	21		6½x6	609	62
SUBS				2	59
				3	65
				4	05
KELLY LENGTH				41	
TOTAL ON HOOK				70 M.	
UP ON KELLY				11	17
TOTAL DEPTH				2345	00

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION
2072	2345	7½	35	

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS
1	8 3/4	HW	6299	1787	33½

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED [illegible] DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH
8	9.2	40			
10	9.2	40	15.2	2/32	
12	9.2	40			
2	9.2	40			

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.
Gel	400		

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED
800	815	CIRC SAMPLE
815	830	RIG SERVICE BOPCHECK
830	400	DRILL

4:00 P.M. TO MIDNIGHT

WEATHER: ____ TEMP: ____

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH	
D.P.	16	1	3½	1666.42	
D.C.					
SUBS				2.59	
				3.65	
				4.05	
KELLY LENGTH				41.00	
TOTAL ON HOOK				71,000	
UP ON KELLY				24.31	
TOTAL DEPTH				2303	

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION
2345	2303	4½	30	

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS
1	8 3/4	X3A	6298	1845	38

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION
	2250	1½

SIGNED [illegible] DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH
6	9.3	43			
8	9.5	75			
12	9.5	75			

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.
Gel	2500		

REMARKS

Daily water cost 113.00 acc 1196.00
Daily mud cost 541.00 acc 1150.00
Daily well cost 2815.00 acc 52956.00

FROM	TO	DESCRIPTION OF WORK PERFORMED
400	600	DRILLING
600	545	CIRC & SURVEY
545	915	DRILL
915	1145	TRIPPING
1145	100	WORK on BRAKE

[illegible] CLIN. SUP. REP. BOILER USED THIS 24 HOURS? ____ TOOLPUSH

Form 126

SURF. CSG. SIZE 10 3/4" AT 458	CANADIAN SUPERIOR OIL LTD.	DATE Feb 11/69
INTER. CSG. SIZE ____ " AT ____	**DAILY DRILLING REPORT**	FIELD
K.B. ELEV. 665		LEASE CDN SUP KNIB
GROUND ELEV. 649	CONTRACTOR Regent Drilling LTD	WELL NO. JEAN MARIE 73
K.B. TO CSG. FLANGE 12.00	SERVICE/ROTARY RIG NO. 20	PROVINCE

MIDNIGHT TO 8:00 A.M.

WEATHER | TEMP

Details of Drilling String

	STDS.	SLGS.	SIZE	LENGTH	
D.P.			3½	303	62
D.C.	21		4.63	609	62
SUBS	1 EH-3½ IF			2	57
	1 16-4½ H90			3	65
	1 Bit sub			4	05
KELLY LENGTH				41	00
TOTAL ON HOOK				60000	
UP ON KELLY					
TOTAL DEPTH				1051	51

Tour Drilling, Ratholing & Reaming Record

FROM	TO	HOURS	WEIGHT	FORMATION
547	1051	7	25m	

Bit and Core Head Record

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS
1	8¾	HW	6298	507	7

Inclination and Directional Surveys

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION
TOTCO	660	1°
	944	1¼

SIGNED R. Johnson DRILLER

Details of Mud Tests

TIME	WT.	VIS.	W.L.	CAKE	PH
1200	9.3	29			
200	9.4	30			
400	9.5	28			
600	9.5	29			

Details of Mud Additives

MATERIAL	LBS.	MATERIAL	LBS.
RIFFER	200		

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED
1200	200	DRILL 8¾ HOLE
200	230	CIRC & SURVEY
230	445	DRILL
445	515	CIRC + SURVEY
515	800	DRILL

8:00 A.M. TO 4:00 P.M.

WEATHER | TEMP

Details of Drilling String

	STDS.	SLGS.	SIZE	LENGTH	
D.P.	9	1	3½	844	89
D.C.	21			609	62
SUBS				2	57
				3	65
				4	05
KELLY LENGTH				41	
TOTAL ON HOOK				64000	
UP ON KELLY					00
TOTAL DEPTH				1506	00

Tour Drilling, Ratholing & Reaming Record

FROM	TO	HOURS	WEIGHT	FORMATION
1054	1506	4½	35	SHALE

Bit and Core Head Record

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS
1	8¾	HW	6298	453	13½

Inclination and Directional Surveys

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION
TOTCO	1054	1 0 1800-1°
	1260	7/8

SIGNED G. Sealund DRILLER

Details of Mud Tests

TIME	WT.	VIS.	W.L.	CAKE	PH
	88	28			
	87	28			
	87	28			

Details of Mud Additives

MATERIAL	LBS.	MATERIAL	LBS.
Gel	2000		

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED
800	815	RIG SERVICE & CHECK BOPS
815	830	SURVEY
830	1030	DRILL
1030	1045	SURVEY
1045	115	DRILL
115	130	SURVEY
130	145	CLEAN MUD TANKS
145	400	WORK STUCK PIPE

4:00 P.M. TO MIDNIGHT

WEATHER | TEMP

Details of Drilling String

	STDS.	SLGS.	SIZE	LENGTH	
D.P.	15	2	3½	1150	09
D.C.	21			609	12
SUBS				2	57
				3	65
				4	05
KELLY LENGTH				41	00
TOTAL ON HOOK				68000	
UP ON KELLY				9	93
TOTAL DEPTH				1800	

Tour Drilling, Ratholing & Reaming Record

FROM	TO	HOURS	WEIGHT	FORMATION
1506	1800	5¾	30	Shale

Bit and Core Head Record

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS
1	8¾	H.W.	6298	1342	19¼

Inclination and Directional Surveys

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED J. D. Paul DRILLER

Details of Mud Tests

TIME	WT.	VIS.	W.L.	CAKE	PH
5	8.7	30	16	2/32	8.2
8	8.9	35			
	8.9	37			
	9.1	36			

Details of Mud Additives

MATERIAL	LBS.	MATERIAL	LBS.
GEL	3000		

REMARKS

Daily water cost 290.00 acc 1093.00

Daily mud cost ___ acc 60.00

Daily well cost 2992.00 acc 49611.11

FROM	TO	DESCRIPTION OF WORK PERFORMED
400	500	WORK PIPE LOOSE
500	545	Circ Clean up Hole
545	845	Drilling 8¾ Hole
845	915	Circ Sample
915	1200	Drilling 8¾ Hole

H. Kuffman CDN. SUP. REP. | BOILER USED THIS 24 HOURS? ____ | ____ TOOLPUSH

Form 126

SURF. CSG. SIZE _____ "AT _____
INTER. CSG. SIZE _____ "AT _____
K.B. ELEV. 665
GROUND ELEV. 649
K.B. TO CSG. FLANGE 13.00

CANADIAN SUPERIOR OIL LTD.

DAILY DRILLING REPORT

CONTRACTOR DE GENT DRLG
~~SERVICE~~ ROTARY RIG NO. 29

DATE FEB 15/69
FIELD
LEASE Gas Supply
WELL NO. Head Marie #3
PROVINCE N.W.T.

MIDNIGHT TO 8:00 A.M.

WEATHER | TEMP

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH
D.P.				
D.C.				
SUBS				
KELLY LENGTH				
TOTAL ON HOOK				
UP ON KELLY				
TOTAL DEPTH				

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED [signature] DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED
12 00	8 00	NIPPLE UP & CHANGE UPPERS & LINERS

8:00 A.M. TO 4:00 P.M.

WEATHER | TEMP

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH
D.P.				
D.C.				
SUBS				
KELLY LENGTH				
TOTAL ON HOOK				
UP ON KELLY				
TOTAL DEPTH				

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS
1	8 3/4	HW	L298		

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED [signature] DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.

REMARKS Int Blind rams @ 1000 PSI O.K.

FROM	TO	DESCRIPTION OF WORK PERFORMED
800	200	NIPPEL UP
200	215	PRESSURE TEST BLIND RAMS 1500#
215		RUN id HOLE PREPARE to
	400	~~Cement~~ PRESSURE TEST

4:00 P.M. TO MIDNIGHT

WEATHER | TEMP

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH
D.P.				
D.C.	5	2	6 1/4	49592
SUBS				2 52
				3 65
				4 05
KELLY LENGTH				41
TOTAL ON HOOK				50 000
UP ON KELLY				0 00
TOTAL DEPTH				54719

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION
458	547	2	20	SHALE

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS
1	8 3/4	HW	6298	89	2

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED [signature] DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH
10PM	8.3	28			

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.

REMARKS Press test Pipe rams & Hydril @ 1000 P.S.I. O.K.
Daily walk cut 715 m at 853 m
Daily mud cut nil acc 610 m
Daily well cut 3249 m acc 41149 m

FROM	TO	DESCRIPTION OF WORK PERFORMED
400	430	RUN IN
430	700	DRILL OUT FLOAT CEMENT @ 418 FLOAT @ 428
700	745	PRESSURE TEST HYDRILL & PIPE RAMS
745	815	DRILL OUT SHOE
815	945	DRILL MOUSE HOLE CLEAN TANKS
945	1015	DRILL 8 3/4 HOLE
1015	1030	WORK ON PUMP
1030	1200	DRILL

[signature] CDN. SUP. REP.

BOILER USED THIS 24 HOURS? _____

TOOLPUSH

Form 126

SURF. CSG. SIZE ________ "AT ____
INTER. CSG. SIZE ________ "AT ____
K.B. ELEV. ____
GROUND ELEV. ____
K.B. TO CSG. FLANGE ____

CANADIAN SUPERIOR OIL LTD.

DAILY DRILLING REPORT

CONTRACTOR: Regent
~~SERVICE~~/ROTARY RIG NO. 29

DATE: Feb 14/69
FIELD: -
LEASE: Can Sup Kotc
WELL NO.: Jean Marie #75
PROVINCE: N.W.T.

MIDNIGHT TO 8:00 A.M.

WEATHER ____ TEMP ____

SIGNED: J.D. [illegible] DRILLER

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION
	426	1¼

KELLY LENGTH / TOTAL ON HOOK / UP ON KELLY / TOTAL DEPTH

REMARKS: Ran 15 jts 10¾ 32.75# H40 [illegible] casing landed @ 458 (T.D.H 463.51) Casing fitted @ Baker guide shoe & float collar 3 centralizers. Cement by Howco @ 400 sks Canadian Const 2½% CaCl2 plug in place 8.33 AM Good cement returns to surface

FROM	TO	DESCRIPTION OF WORK PERFORMED
12:00	12:30	Circ
12:30	12:45	Survey
12:45	1:30	Hoisting
1:30	2:00	Prepare to run casing
2:00	3:00	Running 10¾ casing
3:00	3:45	Weld slips & work on pump
3:45	6:00	Running casing
6:00	7:30	Circ
7:30	8:00	Circ to cement

8:00 A.M. TO 4:00 P.M.

WEATHER ____ TEMP ____

SIGNED: A. Johnson DRILLER

REMARKS:

FROM	TO	DESCRIPTION OF WORK PERFORMED
8:00	9:00	Cement casing
9:00		Digging cellar & cleaning tank
		Changing head & liners on
	4:00	D300

4:00 P.M. TO MIDNIGHT

WEATHER ____ TEMP ____

SIGNED ____ DRILLER

REMARKS:

Install 10 X 600 Cameron casing bowl check welds @ 2000 P.S.I. O.K.

Daily water cost 90.00 acc 438.00
Daily mud cost Nil acc 612.00
Daily well cost 8656.00 acc 43900.26

FROM	TO	DESCRIPTION OF WORK PERFORMED
4:00	12:00	Nippled up B.O.P.

A. [illegible] CDN. SUP. REP.

BOILER USED THIS 24 HOURS? ____ TOOLPUSH

Form 126

SURF. CSG. SIZE ________ "AT ______
INTER. CSG. SIZE ________ "AT ______
K.B. ELEV. ________
GROUND ELEV. ________
K.B. TO CSG. FLANGE ________

CANADIAN SUPERIOR OIL LTD.

DAILY DRILLING REPORT

CONTRACTOR Regent
~~SERVICE~~/ROTARY RIG NO. 2

DATE Feb-13th 1969
FIELD
LEASE Cdn Sup K.M.G
WELL NO. Jean marie N-73
PROVINCE N.W.T

MIDNIGHT TO 8:00 A.M.

WEATHER | TEMP

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH
D.P.				
D.C.				
SUBS				
KELLY LENGTH				
TOTAL ON HOOK				
UP ON KELLY				
TOTAL DEPTH				

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION
	223	10¾	4000	Shale

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS
1A	15	H.W	98625	199	10¾

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION
Totco	190	1/8

SIGNED J.D. Price DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED
12⁰⁰	12¹⁵	Rig service
12¹⁵	1⁴⁵	Drill
1⁴⁵	3⁰⁰	Build volume (survey 140' 1/8°)
3⁰⁰	3³⁰	Drill
3³⁰	4⁰⁰	Build volume
4⁰⁰	4³⁰	Drill
4³⁰	6⁰⁰	Build volume
6⁰⁰	6¹⁵	Drill
6¹⁵	8⁰⁰	Work on water pump in pit

8:00 A.M. TO 4:00 P.M.

WEATHER | TEMP

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH
D.P.				
D.C.				
SUBS				
KELLY LENGTH				
TOTAL ON HOOK				
UP ON KELLY				
TOTAL DEPTH				

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS
1A	15"	H.W	98625	311	13½

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION
Totco	280	1/4

SIGNED H. Johnson DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED
8⁰⁰	12⁰⁰	Rig cellar jet & dig cellar mud merit
12⁰⁰	12⁴⁵	Drill
12⁴⁵	1⁰⁰	Circulate hole clean
1⁰⁰	2⁰⁰	Drill
2⁰⁰	2³⁰	Survey 280' ¼°
2³⁰	4⁰⁰	Drill

4:00 P.M. TO MIDNIGHT

WEATHER | TEMP

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH
D.P.				
D.C.	5		6¼	434 51
SUBS				2 57
				2 63
				3800
KELLY LENGTH				
TOTAL ON HOOK				40
UP ON KELLY				21
TOTAL DEPTH				458

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION
335	458	4¾	10	SHALE

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS
1A	15	H.W	98625	439	18¼

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED G. Nadland DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH
11.00	9.0	46			

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.

REMARKS Double measure out @

Tally 421.73
measure 420.19
1.54

Correction made

Daily water cost 56⁰⁰ acc 372⁰⁰
Daily mud cost Nil acc 612⁰⁰
Daily well cost 2717 acc 35214⁰⁰

FROM	TO	DESCRIPTION OF WORK PERFORMED
400	415	SERVICE Rig
415	500	DRILL
500	530	SURVEY & CIRC TO CLEAN Hole
530	730	DRILL
730	800	CIRC 3FT FILL
800	900	DUMMY TRIP DOUBLE MEASURE
900	1100	DRILL
1100	1200	CIRC TO RUN CASING

A. Braithwaite CON. SUP. REP. | BOILER USED THIS 24 HOURS? | TOOLPUSH

Form 126

SURF. CSG. SIZE ______ "AT ______
INTER. CSG. SIZE ______ "AT ______
K.B. ELEV. ______
GROUND ELEV. ______
K.B. TO CSG. FLANGE ______

CANADIAN SUPERIOR OIL LTD.

DAILY DRILLING REPORT

CONTRACTOR [illegible]
~~SERVICE~~/ROTARY RIG NO. 29

DATE Feb 12th 1969
FIELD ______
LEASE [illegible]
WELL NO. [illegible] N-23
PROVINCE N.W.T.

MIDNIGHT TO 8:00 A.M.

WEATHER			TEMP
DETAILS OF DRILLING STRING			
	STDS. / SLGS.	SIZE	LENGTH
D.P.			
D.C.			
SUBS			
KELLY LENGTH			
TOTAL ON HOOK			
UP ON KELLY			
TOTAL DEPTH			

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED J. D. [illegible] DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED
12.00	3.00	Drill Rathole
3.00	6.00	Install Rotary Clutch
6.00	8.00	Drill Rathole

8:00 A.M. TO 4:00 P.M.

WEATHER			TEMP
DETAILS OF DRILLING STRING			
	STDS. / SLGS.	SIZE	LENGTH
D.P.			
D.C.			
SUBS			
KELLY LENGTH			
TOTAL ON HOOK			
UP ON KELLY			
TOTAL DEPTH			

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION
29	102	4 3/4		

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS
1A	15"	HW	98625	126	4 3/4

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION
Totco	60	3/4°

SIGNED H. Johnson DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH
11.00	8.9	29	NC		

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.
Gel	2500		

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED
8.00	9.30	Rig to spud 15" hole
9.30	11.30	Drill 15" hole
11.30	11.45	Survey 60' 3/4°
11.45	1.45	Drill 15" hole
1.45	3.45	Fix Pump to mix & pump to mud tanks
3.45	4.00	Drill

4:00 P.M. TO MIDNIGHT

WEATHER			TEMP
DETAILS OF DRILLING STRING			
	STDS. / SLGS.	SIZE	LENGTH
D.P.			
D.C.			
SUBS			
KELLY LENGTH			
TOTAL ON HOOK			
UP ON KELLY			
TOTAL DEPTH			

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION
Totco	120	1/2

SIGNED [illegible] DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.

REMARKS Well costs
Daily water cost 150.00 acc 150.00
Daily mud cost 6[illegible].00 acc 6[illegible].00
Well cost to date 3[illegible],0[illegible].00

Recement conductor pipe c
40 sx cement Cement 2% CaCl
in place 9.15 PM

FROM	TO	DESCRIPTION OF WORK PERFORMED
4.00	4.15	Rig Survey
4.15	5.30	Drill
5.30	6.00	Build volume in mud tanks
6.00	6.30	Drill
6.30	6.45	Survey 120 - 1/2°
6.45	7.00	Drill
7.00	7.30	Build volume
7.30	9.00	Drill
9.00	12.00	Recement conductor WOC

[illegible] CDN. SUP. REP. BOILER USED THIS 24 HOURS? ______ TOOLPUSH

Form 126

CANADIAN SUPERIOR OIL LTD.

DAILY DRILLING REPORT

SURF. CSG. SIZE ______ "AT ____	DATE Feb 11/69
INTER. CSG. SIZE ______ "AT ____	FIELD [illegible]
K.B. ELEV.	LEASE JEAN MARIE
GROUND ELEV.	WELL NO. #73
K.B. TO CSG. FLANGE	PROVINCE N.W.T.

CONTRACTOR Trecan Drilling

~~SERVICE~~/ROTARY RIG NO. 29

MIDNIGHT TO 8:00 A.M.

WEATHER ____ TEMP ____

Details of drilling string (STDS., SLGS., SIZE, LENGTH): D.P. ____ D.C. ____ SUBS ____

KELLY LENGTH ____ TOTAL ON HOOK ____ UP ON KELLY ____ TOTAL DEPTH ____

Tour Drilling, Ratholing & Reaming Record

FROM	TO	HOURS	WEIGHT	FORMATION
10	24			

Bit and Core Head Record: BIT NO. | SIZE | MAKE | SERIAL | FOOTAGE | HOURS

Inclination and Directional Surveys: MAKE AND TYPE | DEPTH | DEGREE AND DIRECTION

SIGNED ____ DRILLER

Details of Mud Tests: TIME | WT. | VIS. | W.L. | CAKE | PH

Details of Mud Additives: MATERIAL | LBS. | MATERIAL | LBS.

REMARKS

Ran 24' Conductor pipe size 18" & Cemented @ 70 sks Const Cement 2½% Ca Cl2 Cement in place 2 P.M. Feb 11th 1969

FROM	TO	DESCRIPTION OF WORK PERFORMED
12⁰⁰	5⁰⁰	Drilling Conducter Pipe Hole
5⁰⁰	8⁰⁰	Remove Table + Weld Conducter Pipe
		Rotary clutch failed on rig @ 5⁰⁰ AM Feb 11th

8:00 A.M. TO 4:00 P.M.

WEATHER ____ TEMP ____

Details of drilling string (STDS., SLGS., SIZE, LENGTH): D.P. ____ D.C. ____ SUBS ____

KELLY LENGTH ____ TOTAL ON HOOK ____ UP ON KELLY ____ TOTAL DEPTH ____

Tour Drilling, Ratholing & Reaming Record: FROM | TO | HOURS | WEIGHT | FORMATION

Bit and Core Head Record: BIT NO. | SIZE | MAKE | SERIAL | FOOTAGE | HOURS

Inclination and Directional Surveys: MAKE AND TYPE | DEPTH | DEGREE AND DIRECTION

SIGNED A. Johnson DRILLER

Details of Mud Tests: TIME | WT. | VIS. | W.L. | CAKE | PH

Details of Mud Additives: MATERIAL | LBS. | MATERIAL | LBS.

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED
800	930	Weld Conducter Pipe
930		Centre Conducter pipe & Cement
	300	And pull Rotary Clutch
300		Work on pump & Rig to dig
	400	Rat Hole

4:00 P.M. TO MIDNIGHT

WEATHER ____ TEMP ____

Details of drilling string (STDS., SLGS., SIZE, LENGTH): D.P. ____ D.C. ____ SUBS ____

KELLY LENGTH ____ TOTAL ON HOOK ____ UP ON KELLY ____ TOTAL DEPTH ____

Tour Drilling, Ratholing & Reaming Record: FROM | TO | HOURS | WEIGHT | FORMATION

Bit and Core Head Record: BIT NO. | SIZE | MAKE | SERIAL | FOOTAGE | HOURS

Inclination and Directional Surveys: MAKE AND TYPE | DEPTH | DEGREE AND DIRECTION

SIGNED G. [illegible] DRILLER

Details of Mud Tests: TIME | WT. | VIS. | W.L. | CAKE | PH

Details of Mud Additives: MATERIAL | LBS. | MATERIAL | LBS.

REMARKS

Daily water cost 140.00 acc 152.00
Daily mud cost Nil acc 615.00
Daily well cost 1192.00 acc 30,034.00

FROM	TO	DESCRIPTION OF WORK PERFORMED
400	1200	Wait on Rotary Clutch
		Drilling Rat Hole (Rocks)

A. Guilbeault CDN. SUP. REP. | BOILER USED THIS 24 HOURS? ____ | Wm. Gustafson TOOLPUSH

Form 126

SURF. CSG. SIZE ______ "AT ____
INTER. CSG. SIZE ______ "AT ____
K.B. ELEV. ______
GROUND ELEV. ______
K.B. TO CSG. FLANGE ______

CANADIAN SUPERIOR OIL LTD.

DAILY DRILLING REPORT

CONTRACTOR Bigant Drlg
~~SERVICE~~/ROTARY RIG NO. No 29

DATE Feb 10/69
FIELD [illegible]
LEASE KMC - Jean Marie
WELL NO. No - 73
PROVINCE N.W.T.

MIDNIGHT TO 8:00 A.M.

SIGNED [signature] DRILLER

FROM	TO	DESCRIPTION OF WORK PERFORMED
600	800	Rigging up Fitting up Prefabs Prepare To Dig Conductor Hole.

8:00 A.M. TO 4:00 P.M.

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION
0	4			

SIGNED Harold Johnson DRILLER

FROM	TO	DESCRIPTION OF WORK PERFORMED
800		Prepare To Dig Cunducters Hole
	400	+ Dig Cunducters Rig Boulders

4:00 P.M. TO MIDNIGHT

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION
4	10			

SIGNED G. Jaslund DRILLER

REMARKS
Daily water cost Nil acc Nil
Daily mud cost Nil acc Nil
Daily well cost 27920 acc 27920

FROM	TO	DESCRIPTION OF WORK PERFORMED
400	1200	Drilling Con Ducter Hole Dig out Rocks

[signature] CDN. SUP. REP. BOILER USED THIS 24 HOURS? Wm Gustafson TOOLPUSH

Form 126

SURF. CSG. SIZE ________ "AT ____
INTER. CSG. SIZE ________ "AT ____
K.B. ELEV. ________
GROUND ELEV. ________
K.B. TO CSG. FLANGE ________

CANADIAN SUPERIOR OIL LTD.

DAILY DRILLING REPORT

CONTRACTOR Regent #Drlg
~~SERVICE~~/ROTARY RIG NO. 29

DATE Feb 9/69
FIELD [illegible]
LEASE CKMC Jean Marie
WELL NO. No-73
PROVINCE N.W.T.

MIDNIGHT TO 8:00 A.M.

WEATHER		TEMP	

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH
D.P.				
D.C.				
SUBS				
KELLY LENGTH				
TOTAL ON HOOK				
UP ON KELLY				
TOTAL DEPTH				

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED [signature] DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED
700 AM	400 PM	Rigging up

8:00 A.M. TO 4:00 P.M.

WEATHER		TEMP	

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH
D.P.				
D.C.				
SUBS				
KELLY LENGTH				
TOTAL ON HOOK				
UP ON KELLY				
TOTAL DEPTH				

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED Harold Johnson DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED
		Rigging
8Am	10pm	Rigging up Rig

4:00 P.M. TO MIDNIGHT

WEATHER		TEMP	

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH
D.P.				
D.C.				
SUBS				
KELLY LENGTH				
TOTAL ON HOOK				
UP ON KELLY				
TOTAL DEPTH				

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED S [signature] DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED
800	1200	RIGGING UP

[signature] CDN. SUP. REP.

BOILER USED THIS 24 HOURS?

Wm Gustafson TOOLPUSH

Form 126

SURF. CSG. SIZE _____ "AT _____
INTER. CSG. SIZE _____ "AT _____
K.B. ELEV. _____
GROUND ELEV. _____
K.B. TO CSG. FLANGE _____

CANADIAN SUPERIOR OIL LTD.

DAILY DRILLING REPORT

CONTRACTOR REGENT DRLG
~~SERVICE~~/ROTARY RIG NO. 29

DATE FEB 8/69
FIELD Pelw Sup
LEASE KMC JEAN MARIE
WELL NO. N-73
PROVINCE NWT

MIDNIGHT TO 8:00 A.M.

WEATHER | TEMP

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH
D.P.				
D.C.				
SUBS				
KELLY LENGTH				
TOTAL ON HOOK				
UP ON KELLY				
TOTAL DEPTH				

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED [signature] DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED
8:00	6:00	Rigging up

8:00 A.M. TO 4:00 P.M.

WEATHER | TEMP

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH
D.P.				
D.C.				
SUBS				
KELLY LENGTH				
TOTAL ON HOOK				
UP ON KELLY				
TOTAL DEPTH				

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED Harold Johnson DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED
800	600	Rigging up Rig

4:00 P.M. TO MIDNIGHT

WEATHER | TEMP

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH
D.P.				
D.C.				
SUBS				
KELLY LENGTH				
TOTAL ON HOOK				
UP ON KELLY				
TOTAL DEPTH				

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED [signature] DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED
800	600	Rigging up

[signature] RUN. SUP. REP. | BOILER USED THIS 24 HOURS? _____ | Wm Gustafson TOOLPUSH

Form 126

SURF. CSG. SIZE ________ "AT ______
INTER. CSG. SIZE ________ "AT ______
K.B. ELEV. ________
GROUND ELEV. ________
K.B. TO CSG. FLANGE ________

CANADIAN SUPERIOR OIL LTD.

DAILY DRILLING REPORT

CONTRACTOR Regent Drlg.
~~SERVICE~~ ROTARY RIG NO. 29

DATE Feb 7/69
FIELD [illegible]
LEASE K-M-C Jean Marie
WELL NO. N-73
PROVINCE N.W.T.

MIDNIGHT TO 8:00 A.M.

WEATHER	TEMP

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH
D.P.				
D.C.				
SUBS				
KELLY LENGTH				
TOTAL ON HOOK				
UP ON KELLY				
TOTAL DEPTH				

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED ________ DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED
800	7 PM	[illegible] Camp [illegible] Trucks

8:00 A.M. TO 4:00 P.M.

WEATHER	TEMP

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH
D.P.				
D.C.				
SUBS				
KELLY LENGTH				
TOTAL ON HOOK				
UP ON KELLY				
TOTAL DEPTH				

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED Harold Johnson DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED
7am	7pm	Rigging up Camp + unload Trucks

4:00 P.M. TO MIDNIGHT

WEATHER	TEMP

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH
D.P.				
D.C.				
SUBS				
KELLY LENGTH				
TOTAL ON HOOK				
UP ON KELLY				
TOTAL DEPTH				

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED [illegible signature] DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED
800	600	Rigging Camp + unload Trucks

[illegible signature] CON. SUP. REP.   BOILER USED THIS 24 HOURS? ________   Wm Gustafson TOOLPUSH

Form 126

SURF. CSG. SIZE ______ "AT ____
INTER. CSG. SIZE ______ "AT ____
K.B. ELEV. ______
GROUND ELEV. ______
K.B. TO CSG. FLANGE ______

CANADIAN SUPERIOR OIL LTD.

DAILY DRILLING REPORT

CONTRACTOR REGENT DRLG
~~SERVICE~~/ROTARY RIG NO. 29

DATE FEB 6/69
FIELD Colw. Supl
LEASE KMC Jean Marie
WELL NO. N-73
PROVINCE NWT

MIDNIGHT TO 8:00 A.M.

WEATHER | TEMP

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH
D.P.				
D.C.				
SUBS				

KELLY LENGTH
TOTAL ON HOOK
UP ON KELLY
TOTAL DEPTH

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED J. D. Crud DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED
8⁰⁰	9⁰⁰ Pm	Moving Setting up Camp

8:00 A.M. TO 4:00 P.M.

WEATHER | TEMP

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH
D.P.				
D.C.				
SUBS				

KELLY LENGTH
TOTAL ON HOOK
UP ON KELLY
TOTAL DEPTH

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED Harold Johnson DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED
8 Am	9 pm	~~Moving~~ moving + Setting up Camp

4:00 P.M. TO MIDNIGHT

WEATHER | TEMP

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH
D.P.				
D.C.				
SUBS				

KELLY LENGTH
TOTAL ON HOOK
UP ON KELLY
TOTAL DEPTH

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED G. Haslund DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED
800	900	Moving + Rig up Camp

[signature] CDN. SUP. REP.   BOILER USED THIS 24 HOURS? ______   Wm Gustafson TOOLPUSH

Form 126

SURF. CSG. SIZE _____ "AT _____
INTER. CSG. SIZE _____ "AT _____
K.B. ELEV. _____
GROUND ELEV. _____
K.B. TO CSG. FLANGE _____

CANADIAN SUPERIOR OIL LTD.

DAILY DRILLING REPORT

CONTRACTOR REGENT DRLG
~~SERVICE~~/ROTARY RIG NO. 29

DATE FEB 5/69
FIELD _____
LEASE CAN-SUP KMC
WELL NO. JEAN MARIE N-73
PROVINCE N.W.T

MIDNIGHT TO 8:00 A.M.

WEATHER _____ TEMP _____

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH
D.P.				
D.C.				
SUBS				
KELLY LENGTH				
TOTAL ON HOOK				
UP ON KELLY				
TOTAL DEPTH				

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED [signature] DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED
8:00	12:00	TEAR OUT CAMP & RIG + MOVING

8:00 A.M. TO 4:00 P.M.

WEATHER _____ TEMP _____

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH
D.P.				
D.C.				
SUBS				
KELLY LENGTH				
TOTAL ON HOOK				
UP ON KELLY				
TOTAL DEPTH				

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED [signature] DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED
8:00	4:00	TEAR OUT RIG & CAMP + MOVING

4:00 P.M. TO MIDNIGHT

WEATHER _____ TEMP _____

DETAILS OF DRILLING STRING

	STDS.	SLGS.	SIZE	LENGTH
D.P.				
D.C.				
SUBS				
KELLY LENGTH				
TOTAL ON HOOK				
UP ON KELLY				
TOTAL DEPTH				

TOUR DRILLING, RATHOLING & REAMING RECORD

FROM	TO	HOURS	WEIGHT	FORMATION

BIT AND CORE HEAD RECORD

BIT NO.	SIZE	MAKE	SERIAL	FOOTAGE	HOURS

INCLINATION AND DIRECTIONAL SURVEYS

MAKE AND TYPE	DEPTH	DEGREE AND DIRECTION

SIGNED _____ DRILLER

DETAILS OF MUD TESTS

TIME	WT.	VIS.	W.L.	CAKE	PH

DETAILS OF MUD ADDITIVES

MATERIAL	LBS.	MATERIAL	LBS.

REMARKS

FROM	TO	DESCRIPTION OF WORK PERFORMED

[signature] CDN. SUP. REP. BOILER USED THIS 24 HOURS? _____ [signature] TOOLPUSH