

MCD GC RANVIK CHEVRON
DESMARRAIS No. 1 G-38

Drilling Authority No. 267

Date Issued 23-2-67

WELL NAME McD GC Ranvik Chevron Deamarais No. 1 G-38

FIELD Wildcat

Area:

LOCATION: Unit

G

Section

38

Grid 61-00; 116-30

Latitude

60-57-22.5

Longitude

116-36-19.6875

From Established Reference Marker

U.W.I.R. - 60.95620 - 116.60545

U.W.I. No. - 3016386100116300

Rig Release Date: 10-4-67

Status O-A

Information Release Date

CHANGE OF NAME:

DATE RECEIVED	INDEX
23-3-67	Application for a Drilling Authority.
26-5-67	Well Completion Data.
	Well History Report.
	Application to Amend a Drilling Authority.
	Application to change a Well Name.
31-5-67	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

CEMENTING RECORD (Plug, Squeeze, etc.)				PERFORATING RECORD (Bullet, Jet)				SERVICING RECORD (Acidizing, Fracing, etc.)			
Date	From	To	Remarks	Date	From	To	Remarks	Date	From	To	Remarks
April 9/67	1803	1635	60 sacks + 2% CaCl ₂								
	1100	805	100 " + 2% CaCl ₂ . Felt @ 854'								
	300	180	45 sacks + 2% CaCl ₂ . Felt @ 235'								
10/67			Welded on steel plate with name plate								

DRILL STEM TESTS

No.	Date	Formation	From	To	V.O. Mins.	L.S.L. Mins.	F.S.L. Mins.	I.S.L.B.H.P.	F.S.I.R.H.P.	L.F.R.H.P.	F.F.R.H.P.	L.H.P.	P.H.P.	REMARKS
1	7-4-67	Keg River	1665	1725'	5	30	60	760	670	60	100	930	930	Good initial puff on preflow and flow steady throughout flow period. Recovered 130' of drilling mud. salty

ANALYSIS				PRESENT STATUS OF WELL			
Lab. No.	Sample	From	To	Source	Remarks	Oil	(Interval)
						Gas	(Interval)
						Dry	
						Susp.	

Company J. Ray McDermott & Co., Inc.

Signed by *[Signature]*

Title Exploration Manager

Date May 26, 1967

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



File No. _____
Drilling Authority No. 267

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
RESOURCE MANAGEMENT DIVISION

Application to Abandon a Well or Suspend Drilling

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 _____ McD GC Rarvik Chevron Desmarais No. 1 G-38
Location: Unit _____ C Section _____ 38 Grid _____ 61°00' - 116°30'
Latitude _____ 60°57'22.5" North Longitude _____ 116°36'19.6875" West
From Established Reference Marker _____ 57140.00' N 2°36'40" W From Trig Station McNally
Universal Well Location Reference _____ No. 58908 Mackenzie Hwy
Permit No. 3452 Lease No. _____

Date of commencement of proposed program _____ April 9, 1967

(Permittee, Licensee, Lessee)

OIL, GAS, AND WATER ENCOUNTERED (Depths)

Oil at _____
Gas at _____
Water at _____
Total Depth _____ 1,803' Date of last operations _____ April 10, 1967
Present condition of well _____ Plugged and abandoned.

CASING RECORD

Casing Size O.D. Inches	Weight	Amount	Set At	Sacks of Cement and Additives	Amount Packed
1. 8-5/8"	24#	261.14'	272'	200 sx + 4% CaCl ₂	
2.					
3.					
4.					
5.					

PROPOSED ABANDONMENT PROGRAM

Plug		Geological Formation	Number of Sacks of Cement	Remarks
No.	Position			
1	1,803-1,635'		60	
2	1,095-800'		20	Feel
3	320-220'		30	Feel

The following logs have been run... Electronic Log _____
Other operations proposed _____

Operations to be carried out by Vandergrift, Gas & Oil _____ Contractor Licence No. 18227

Address P.O. Box 4338, EDMONTON, Alberta _____ Address _____

Responsible Agent in field _____ N. Soule

Dated at _____ Calgary _____, this _____ 26 _____ Day of _____ May _____ 19 _____ 67

Signed by _____ Company J. Ray McDermott & Co., Inc.

Title _____ Exploration Manager _____ Operator's Exploratory Licence No. 1018

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 9th of April 1967

Dated _____ 31st May _____, 19 _____ 67

Oil Conservation Engineer

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

Department of Indian Affairs and Northern Development
Resource & Economic Development Group



DEPARTMENT OF NORTHERN AFFAIRS AND INDIGENOUS AFFAIRS
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 McD 60 Ruvik Chevron Desjarais No. 1 G-38
Location: Unit G Section 38 Grid 6:000' - 116:030'
Latitude 60°57'21.5"N Longitude 116°39'19.6875"W
From Established Reference Marker 57140.00' N 2°36'43" W
From Trig Station McNally No. 56908 Mackenzie Hwy.
Elevation: Ground 529.3 K.B. 538 (est.) feet above sea-level.
Well is expected to produce from Keg River formation at a depth of about 1700' feet.
Area assigned to well

(For Oil Conservation Engineer's use only)

Permit No. 3452 Lease No. Acreage 31.082
Permittee, licensee, or lessee Chevron Standard Limited
Exploratory Licence No. 1023
Surface owned by Crown or Crown
(If alienated submit name and address of owner and occupant.)
Petroleum and natural-gas rights owned by Crown
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	Brand	New or Used	Estimated Depth	Sections of Cement
1. 8-5/8"	24	J55	Mannesman	New	300	200
2.						
3.						
4.						
5.						

Expected water, gas, and oil horizons and type of control equipment Surface casing
Set 50' into Ft. Simpson shale. Blowout Preventers to control excessive formation pressures.

Well will be drilled with (Rotary) Rig No. 1 by Vandergrift Oil & Gas Enterprises
(Cable) (Drilling Contractor or company)

Responsible agent of applicant:— Contractor's Business Licence No.
At well Mr. Norm Soule At registered office E.T. Nagle
Address HAY RIVER, N.W.T. Address 217 Royalite Bldg., Calgary, Alberta
It is understood that if changes become necessary, notice of the change of plan will be submitted.
Dated at Calgary, Alberta this 21 day of March 19 67
Signed by J. Ray McDermott & Co., Inc.
Title Division Manager Operator's Licence No. 1018

(For Resource Management Division use only)

APPROVED

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

The Company will submit to this office, on Tuesday of each week, the latest reports received by radio on the progress of the well.

Dated 23rd March 19 67

Oil Conservation Engineer

NANR 52-96-1 (7-65)

Forms to be submitted to Oil Conservation Engineer, Calgary, Alberta.

UNIVERSAL WELL LOCATION REFERENCE: 60.95620° N. 116.60545° W.

THIS REPORT HAS BEEN PREPARED
FOR THE EXCLUSIVE USE OF:

General Crude Oil Company

COPY NO: 8



GEOLOGICAL AND ENGINEERING REPORT

MCDERMOTT-GENERAL CRUDE-RANVIK-CHEVRON DESMARAIS G-38

HAY RIVER AREA, NORTHWEST TERRITORIES

J. C. SPROULE AND ASSOCIATES LTD.

OIL AND GAS ENGINEERING AND GEOLOGICAL CONSULTANTS

1009 FOURTH AVENUE WEST
CALGARY - ALBERTA

TELEPHONE
262-7951

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INTRODUCTION

McDermott-General Crude-Ranvik-Chevron Desmarais C-38 was drilled in 1967 on Permit No. 3452. The location is 30 miles northwest of Ray River, Northwest Territories, and five miles inland from the southwest shore of Great Slave Lake. Briggs Great Slave Lake No. 1 test is two miles to the southwest and General Crude-Ranvik-Chevron Desmarais Point E-72, drilled in 1966, is six miles to the northeast. An access road was built eight and one-half miles northeast from the Yellowknife Highway at Mile 35 from Enterprise.

The well was drilled by Vandergrift Gas & Oil Enterprises Ltd., Rig No. 1. Operations were supervised by J. C. Sproule and Associates Ltd. for the operator, J. Ray McDermott & Co. Inc.

SECTION I

2.

SUMMARY OF WELL DATA

- (a) Well Name and Number: McD. G.C. Rarvik Chevron Demarais G-38
- (b) Permittee: Chevron Standard Limited
- (c) Name of Operator: J. Ray McDermott & Co. Inc.
217 Royalite Building, Calgary, Alberta.
- (d) Location: G-38-61-00-116-30
Lat. 60°57'22.5"N., Long. 116°36'19.6875" W.
- (e) Permit Number: 3452
- (f) Drilling Contractors: Vandergrift Gas & Oil Enterprises Ltd.
Rig No. 1, Wilson Super 38 Trailer Rig
- (g) Drilling Authority: No. 267, March 23, 1967
- (h) Classification: Wildcat
- (i) Elevations: Ground - 529.3'. Kelly Bushing - 539.7'.
- (j) Date Spudded: March 30, 1967.
- (k) Date Completed Drilling: April 8, 1967.
- (l) Total Depth: 1,803'.
- (m) Well Status: Plugged and abandoned.
- (n) Date Rig Released: April 10, 1967
- (o) No. of Rig Days: 12
- (p) Hole Size: 12 1/4" Surface to 272'
7 7/8" 272' to 1,803'
- (q) Casing: Surface - 7 joints (261.14'), 8 5/8", 24-lb./ft.,
J-55, Rge. 2, new Mannermann casing landed at
272' K.B. Cemented with 200 sacks and 4% CaCl₂.
Plug down at 2:45 a.m., March 31, 1967.

*Universal Well Located Reference: Lat. 60.95620° N.
Long. 116.60545° W.*

GEOLOGICAL SUMMARYMCD. G.C. RANVIK CHEVRON DESMARAIS C-38(a) Formation Tops:

	<u>Samples</u> Feet	<u>Log</u> Feet	<u>Elevation</u> Feet
Hay River	240	-	+300
Slave Point	840	835	-295
Sulphur Point	900	905	-365
Presqu'île	990	995	-455
Pine Point	1,140	1,140	-600
Keg River	1,390	1,395	-855
Chinchaga	1,700	1,700(?)	-1,160

(b) Cored Intervals: Nil(c) Core Description: Nil(d) Sample Description: Examined by Norman Soul, P. Geol.

<u>Depth</u> Feet	<u>Description</u>
Surface - 240	Drift, fine to coarse sand.
	<u>Hay River Formation</u>
240-270	Shale, grey, calcareous. Poor samples.
270-280	Shale, grey, calcareous.
280-320	Interbedded shale, grey, calcareous, and limestone, medium gray, shaly.
320-350	Shale, dark greenish grey, calcareous.
350-520	Shale, dark green to dark greenish grey, fissile, calcareous.
520-550	Shale, dark gray, slightly calcareous, micaceous.
550-560	Shale, dark brownish grey, bituminous, non-calcareous.
560-580	Interbedded bituminous shale, as above, and shale, dark green, slightly calcareous.
580-590	Shale, dark grey, calcareous.
590-600	Shale, dark green, calcareous.
600-620	Shale, dark greenish grey, calcareous.
620-630	Shale, dark green with black carbonaceous specks, slightly calcareous. Limestone, dark brown, dense, few fragments only.

Sample Description - Continued

<u>Depth Feet</u>	<u>Description</u>
630-640	Shale, dark grey to dark greenish grey, calcareous.
640-650	Limestone, medium grey to light greyish green, dense, fossiliferous; Shale, dark grey to dark greenish grey, calcareous.
650-670	Shale, dark grey to dark greenish grey, calcareous. Minor limestone, as above, pyritic.
670-690	Shale, dark brown and dark brownish grey, bituminous, calcareous.
690-710	Limestone, grey to brown, fossiliferous, pyritic. Shale, dark greenish grey, calcareous.
710-730	Shale, dark grey, calcareous.
730-750	Shale, dark grey, calcareous, pyritic.
750-780	Shale, as above, with abundant pyrite as coarse crystals.
780-820	Shale, black, slightly calcareous, bituminous. Shale and pyrite, as above.
820-830	Limestone, medium grey, dense, argillaceous. Shale and pyrite, as above.
830-840	Shale, dark brown, bituminous, non-calcareous. Shale, dark grey, calcareous, pyritic. Minor limestone, medium grey, dense to microcrystalline, pyritic.
<u>Slave Point Formation - 835' Log</u>	
840-860	Limestone, buff, reefoidal, excellent porosity. Limestone, light grey, dense, tight, minor vugs.
860-870	Limestone, light grey to light buff, dense, stylolitic partings, minor vugs.
870-880	Limestone, light grey to buff, dense. Limestone, dark grey, microgranular and micro-oolitic, tight.
880-890	Limestone, light grey to buff and dark grey, minor vuggy porosity.
890-900	Limestone, light grey to buff, dense, stylolitic partings.
<u>Sulphur Point Formation - 905' Log</u>	
900-910	Limestone, light brown, finely crystalline, intercrystalline porosity, oil stained. Limestone, light grey to buff, dense, as above.

Sample Description - Continued

<u>Depth Feet</u>	<u>Description</u>
910-950	Limestone, light grey to light buff, dense; minor coarsely crystalline, white dolomite filling vugs.
950-990	Limestone, light grey to buff, dense.
<u>Presqu'ile Formation - 995' Log</u>	
990-1000	Dolomite, greyish white to buff, recrystallized to coarsely crystalline.
1000-1010	Dolomite, greyish white, coarsely crystalline.
1010-1030	Dolomite, greyish white to buff, coarsely crystalline, good porosity.
1030-1050	Dolomite, brown and greyish white, coarsely crystalline, in part recrystallized, pyritic.
1050-1060	Dolomite, greyish white, coarsely crystalline.
1060-1070	Dolomite, greyish white to buff, coarsely crystalline.
1070-1090	Limestone, greyish white to buff, dense to microgranular.
1090-1130	Limestone, buff to light brown, dense to microcrystalline and microgranular, scattered porosity after stromatoporoids (near reef environment(?)).
1130-1140	Limestone, light buff to light brown, dense to microgranular.
<u>Pine Point Formation - 1,140' Log</u>	
1140-1210	Limestone, brown to dark brown, dense to microcrystalline, argillaceous, fossiliferous with partings of dark brown calcareous shale.
1210-1250	Limestone, buff to dark brown, mottled, dense to microcrystalline, argillaceous, sparsely fossiliferous.
1250-1270	Limestone, buff to brown, dense, slightly argillaceous.
1270-1280	Limestone, dark brownish grey, cryptocrystalline, argillaceous.
1280-1300	Limestone, dark brown, cryptocrystalline, argillaceous, micro-pyritic.
1300-1340	Limestone, greyish white to buff, microgranular, earthy. Dolomite, greyish white to buff, coarsely crystalline. Limestone, dark brown, dense, argillaceous.

Sample Description - Continued

<u>Depth</u> <u>Feet</u>	<u>Description</u>
1340-1360	Limestone, buff to dark brown, dense, fossiliferous, argillaceous. Dolomite, greyish white to buff, coarsely crystalline.
1360-1380	Limestone, buff to light brown, microgranular to microcrystalline, and dense.
1380-1390	Shale, dark brown, calcareous, bituminous.
<u>Keg River Formation - 1,395' Log</u>	
1390-1430	Shale, as above. Limestone, buff to dark brown, mottled, fossiliferous-fragmental.
1430-1460	Limestone, buff to brown, mottled, fossiliferous-fragmental. Shale, dark brown, calcareous, bituminous.
1460-1470	Limestone, brown to dark brown, dense, bituminous and argillaceous.
1470-1530	Limestone, brown to dark brown, mottled, fossiliferous-fragmental, argillaceous. Shale, dark brown, bituminous, calcareous.
1530-1550	Limestone, buff, microgranular, earthy. Limestone, dark brown, dense to fossiliferous-fragmental, argillaceous.
1550-1600	Limestone, buff to light brown, fossiliferous-fragmental. Limestone, dark brown, dense, argillaceous.
1600-1660	Limestone, dark brown, dense, argillaceous, fossiliferous. Limestone, buff to brown, mottled, dense, argillaceous. Shale partings, dark brown, bituminous.
1660-1670	Limestone, buff to brown, fossiliferous-fragmental. Limestone, dark brown, dense, argillaceous.
1670-1690	Limestone, buff to brown, fossiliferous-fragmental.
1690-1700	Dolomite, dark brown, microcrystalline.
<u>Chinchaga Formation - 1,700' not logged.</u>	
1700-1710	Dolomite, buff to light brown, microcrystalline. Dolomite, light grey, dense, anhydritic. Anhydrite, buff, dense, dolomitic.
1710-1730	Anhydrite, greyish buff, dense, dolomitic. Dolomite, buff to brown, microcrystalline, anhydritic. Limestone, dark brown, dense, argillaceous.

Sample Description - Continued

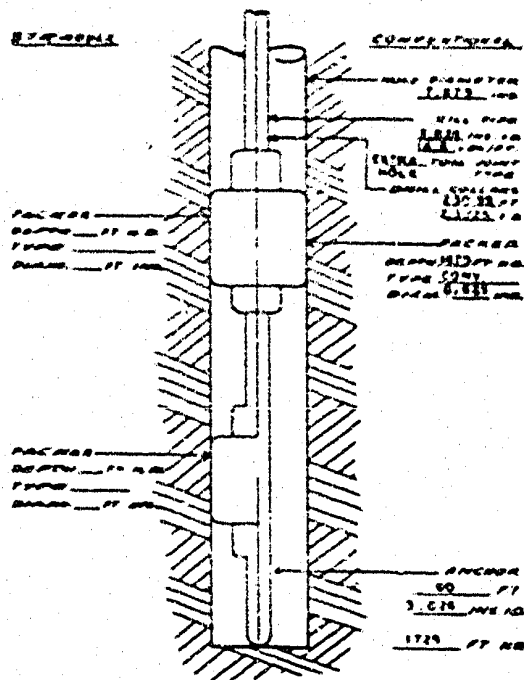
<u>Depth</u> <u>Feet</u>	<u>Description</u>
1730-1750	Anhydrite, light gray to buff, dense.
1760-1780	Anhydrite, buff to light brown, dense.
1780-1790	Anhydrite, as above. Anhydrite, brown, dense, dolomitic.
1790-1803	Anhydrite, buff to brown, dense, in part dolomitic.
1803	Total Depth.

(a)

DRILL STEM TEST REPORT

Well Name McD. G.C. Ranvik TEST No. 1
 Field or Area Chevron Desmarais G-38
 Testing Company B.J. Service
 Date Commenced April 7, 1967.

Location G-38-61-00-116-30
 Province Northwest Territories
 Operator H. Blanchette
 Date Completed April 7, 1967.



Formation Tested Keg River
 Section Tested: From 1,665 To 1,725 ft.
 Mud Properties: Wt. 10.4 Vis. 60 sec.
 Filtrate - c.c. Filter Cake - ph.
 Water Cushion nil ft.
 Type of Packer Conventional
 Choke Size, surface 1" Bottom Hole 1/2"

	Time	Remarks
Tester started in hole	1:00 p.m.	
Tester on bottom	2:00 p.m.	
Tester opened	2:45 p.m.	
Tester closed	3:45 p.m.	
Tester pulled loose	4:45 p.m.	
Tester out of hole	6:45 p.m.	
Initial Closed In	hrs. 30 mins.	
Flow Period	hrs. 60 mins.	
Final Closed In	hrs. 60 mins.	

Weight:
 Set on Packer 24,000 lbs. Pull Packer Loose 10,000 lbs.
 Weight drill pipe Before Test 24,000-1 After Test same
 Mud level in casing Full
 Nature of Blow Weak air blow throughout test
 Maximum Surface Pressure

Gas Flow: Nil MCF/day: How Gauged By
 Oil Flow Nil 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	stands	130	feet	0.8
Water	stands	feet	bbls.	

Salt water cut drilling mud

Gravity of oil - ° API @ °F.

Oil sample obtained - Water sample obtained Yes

Temperature: 92 °F. @ 1,667 Ft. K.B.

Pressures: Type of pressure bomb(s) used Kuster

Initial Hydrostatic Mud Pressure	930	Final Hydrostatic Mud Pressure	930	P.S.I.G.
Initial Closed in Pressure	760	Final Closed In Pressure	670	P.S.I.G.
Initial Flow Pressure	60	Final Flow Pressure	100	P.S.I.G.

REMARKS

Mechanically, was Test Satisfactory? Yes

Engineer Norman Soul, P. Geol.
 J. C. SPROULE AND ASSOCIATES LTD., CALGARY

SECTION IIIENGINEERING SUMMARYMCD. G.C. RANVIK CHEVRON DESMARAIS G-38(a) Summary of Drill Stem Test:

DST No. 1 - Interval 1,665'-1,725'. Keg River Formation. Preflow 5 minutes. Initial Shut-in 30 minutes. Flow Period 60 minutes. Final Shut-in 60 minutes. Good initial puff on preflow and flow, steady throughout flow period. Recovered 130 feet of drilling mud.

Field Pressures: Initial Hydrostatic - 930 psi.
 Initial Shut-in - 760 psi.
 Initial Flow - 60 psi.
 Final Flow - 100 psi.
 Final Shut-in - 670 psi.
 Final Hydrostatic - 930 psi.

(b) Casing Record:

7 joints (261.14') x 8 5/8" x 24-lb., new Mannesmann casing with Larkin guide shoe, Larkin coupling insert fill-up valve and one centralizer. Landed at 272' K.B. and cemented by Halliburton with 200 sacks and 4% CaCl₂. Plug down at 2:45 a.m., March 31, 1967.

(c) Daily Chronological Report:

Date 1967	Day	Depth		Progress Feet	Remarks
		From Feet	To Feet		
March 30	1	Surface	272	262	Vandergrift Rig No. 1 spudded at 12:05 a.m. Drilled 12 1/4" hole with Bit No. 1A to 272' at 12:45 p.m. Circulated and made three trips to condition hole. Out of hole at 11:00 p.m. Running surface casing.
March 31	2	272	272	0	Ran 7 joints (282.74') of 8 5/8" x 24-lb., new Mannesmann casing to 1:00 a.m. Circulated one hour. Landed casing at 272' K.B. Cemented by Halliburton with 200 sacks and 4% CaCl ₂ . Plug down at 2:45 a.m. Cut off 21.60' of 8 5/8" casing. Installing blow out preventors.
April 1	3	272	854	582	Ran in at 5:30 a.m. Tightened leaks on B.O.P. Pressure tested pipe ram and hydril. Held O.K. Drilled out float, cement and through shoe from 8:30 a.m. to 10:00 a.m. Drilled 7 7/8" hole to 854' with Bit No. 1 from 10:15 a.m. to 9:15 p.m. Well started to flow salty sulphurous water. Mixing gel and weighting material.

Daily Chronological Report - Continued

<u>Date</u> 1967	<u>Day</u>	<u>Depth</u>		<u>Progress</u> Feet	<u>Remarks</u>
		<u>From</u> Feet	<u>To</u> Feet		
April 2	4	854	1048	194	Stopped flowing well at 3:30 a.m. Drilled to 982' with Bit No. 1 at 12:30 p.m. Measured out of hole. Drilling with Bit No. 2 from 2:45 p.m. Well flowing salt water.
April 3	5	1048	1199	151	Drilled to 1,096' with Bit No. 2 at 8:00 a.m. Drilled to 1,199' with Bit No. 3 from 10:00 a.m. to 7:45 p.m. Mixing gel and weighting material to kill flowing well.
April 4	6	1199	1328	129	Killed flowing well at 3:45 a.m. Drilled to 1,201' with Bit No. 3 at 4:00 a.m. Drilled to 1,292' with Bit No. 4 from 6:00 a.m. to 5:00 p.m. Drilling with Bit No. 5 from 10:15 p.m. Well flowing salt water.
April 5	7	1328	1474	146	Drilled to 1,447' with Bit No. 5 at 7:15 a.m. Pulled out of hole. Rig shut down waiting for gel and weighting material. Mixed mud from 4:45 p.m. to 8:15 p.m. Ran in hole with Bit No. 6. Drilling from 9:15 p.m.
April 6	8	1474	1639	165	Drilled to 1,501' with Bit No. 6 at 3:30 a.m. Drilled to 1,621' with Bit No. 7 from 6:15 a.m. to 8:15 p.m. Drilling with Bit No. 8 from 10:45 p.m.
April 7	9	1639	1743	104	Drilled to 1,725' with Bit No. 8 at 9:30 a.m. Out of hole at 10:30 a.m. Ran Drill Stem Test No. 1 from 1,665' to 1,725'. Started in hole at 1:00 p.m. Initial Shut-in 30 minutes. Valve open 60 minutes from 2:45 p.m. to 3:45 p.m. Final Shut-in 60 minutes. Pulled loose at 4:45 p.m. Out of hole at 6:45 p.m. Loaded out tester to 8:30 p.m. Drilling with Bit No. 9 from 10:15 p.m.
April 8	10	1743	1803	60	Drilled to 1,803' with Bit No. 9 at 11:00 a.m. Ran deviation survey and measured out of hole at 1:00 p.m. Logging by Electronic Logging & Velocity Co. Ltd. to 5:30 p.m. Took logging tool to Hay River to check. Waiting on logging truck.

Daily Chronological Report - Continued

<u>Date</u> 1967	<u>Day</u>	<u>Depth</u>		<u>Progress</u> Feet	<u>Remarks</u>
		<u>From</u> Feet	<u>To</u> Feet		
April 9	11	1803	F.T.D.	-	Waited on logging truck to 2:30 a.m. Ran log to 5:00 a.m. Total depth logged 1,700' - limit of cable. Ran in hole with open-ended drill pipe. Ran Plug No. 1, 60 sacks and 2% CaCl_2 from 1,803' to 1,635'. Ran Plug No. 2, 100 sacks and 2% CaCl_2 from 1,100' to 805'. Felt top of Plug No. 2 at 854'. Ran cap for Plug No. 2 with 20 sacks. Ran Plug No. 3, 30 sacks and 2% CaCl_2 from 320' to 220'. In place at 10:30 p.m. Standing cemented.
April 10	12	1803	F.T.D.	-	Felt top of Plug No. 3 at 235' at 5:30 a.m. Laid down drill pipe. Welded steel plate on top of 8 5/8" casing with well name plate on 4' x 2" riser. Rig released at 8:00 a.m.

(d) Bit Record:

<u>No.</u>	<u>Size</u> Inches	<u>Make</u>	<u>Type</u>	<u>Depth</u>		<u>Footage</u>	<u>Hours</u>	<u>Condition</u>
				<u>In</u> Feet	<u>Out</u> Feet			
1A	12 1/4	Retip		Surface	272	262	11	
1	7 7/8	Security	S3T	272	982	710	19 1/2	
2	7 7/8	Security	S4T	982	1096	114	14 3/4	
3	7 7/8	Security	M4N	1096	1201	105	10 1/4	
4	7 7/8	Security	M4N	1201	1292	91	10 1/2	
5	7 7/8	Security	S4T	1292	1447	155	9 1/4	
6	7 7/8	Security	S4T	1447	1501	54	6 1/4	
7	7 7/8	Security	S3T	1501	1621	120	14 1/4	
8	7 7/8	Security	S3T	1621	1725	104	11	
9	7 7/8	Security	S4T	1725	1803	78	12 3/4	

(e) Mud Record:

<u>Date</u> 1967	<u>Depth</u> Feet	<u>Weight</u> Lb/Gal.	<u>Viscosity</u> Sec.	<u>Water</u> <u>Loss</u> cc	<u>Ph</u>	<u>Additives</u>
March 30	272	-	-	-		
March 31	272	-	-	-		
April 1	854	9.2	32	-		Gel 6,100 lb.; Baroid 6,100 lb.
April 2	1047	Flowing Salt Water		-		Gel 5,000 lb.; Baroid 6,000 lb.; Caustic 100 lb.
April 3	1199	9.8	63	-		Gel 9,000 lb.; Baroid 500 lb.; Caustic 100 lb.
April 4	1326	Flowing Salt Water		-		Gel 7,200 lb.; Baroid 13,400 lb.; Caustic 100 lb.
April 5	1475	10.6	50	-		Gel 15,000 lb.; Magcobar 8,200 lb. Lime 100 lb.; Baroid 2,500 lb.; Fibertex 4 sacks.
April 6	1638	10.4	49	-		Gel 2,000 lb.; Baroid 4,000 lb.; Inhibitor 5 gal.
April 7	1743	10.4	58	-		Inhibitor 5 gal.
April 8	1803	10.5	57	-		-

(f) Deviation Surveys:

<u>Depth</u> Feet	<u>Deviation</u> Degrees
80	3/4
194	3/4
272	7/8
826	3/4
1,292	1/8
1,803	1/4

(g) Abandonment Plugs:

- No. 1 - 1,803'-1,635'. 60 sacks and 2% CaCl_2 .
- No. 2 - 1,100'-805'. 100 sacks and 2% CaCl_2 . Felt Plug No. 2 at 854'.
Capped with 20 sacks, 854'-805'.
- No. 3 - 320'-220'. 30 sacks and 2% CaCl_2 . Felt Plug No. 3 at 235'.

Welded steel plate on top of 8 5/8" casing with well name
plate on 4' x 2" riser, April 10, 1967.

(h) Report on Flowing Well:

1. Well flowed salty sulphurous water at 854'. Stopped flow by mixing gel and weighting material.
2. Well flowed salty sulphurous water at 919'. Stopped flow by mixing gel and weighting material.
3. Well flowed salty sulphurous water at 1,446'. Stopped flow by mixing gel and weighting material.

SECTION IV

Logs: Date: April 9, 1967.

Interval: 1,700'-272'.

Type: Electronic Logging & Velocity Co. Ltd. Spontaneous Potential and Resistivity.

SECTION V

Analysis None

GEOLOGICAL AND ENGINEERING SUMMARY

McDermott-General Crude-Ranvik-Chevron Desmarais G-38 was spudded on March 30, 1967, and completed drilling at a total depth of 1,803 feet on April 8, 1967.

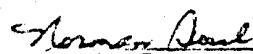
The top of the Slave Point Formation was picked at 835 feet. The well flowed salty sulphurous water at 834 feet. The flow was temporarily stopped by the addition of weighting material to the drilling mud. The well started to flow again at 919 feet and this flow was temporarily stopped at 1,199 feet. The well again started to flow and the well had to be shut down at 1,446 feet as there was insufficient mud on the location to stop the flow. The flow was finally stopped at this depth.

The top of the Presqu'ile Formation was placed at 995 feet. The coarsely crystalline and in part recrystallized dolomite reef is 75 feet thick at this location. There was no evidence of oil staining in the cuttings.

The interval 1,665 feet to 1,725 feet in the Keg River Formation was tested but yielded only a small amount of drilling mud in a one hour test. The top of the Chinchaga is placed at 1,700 feet on the basis of samples. The interval from 1,700 feet to 1,803 feet was not logged due to shortage of logging cable.

Three cement plugs were set and the hole was abandoned in accordance with government regulations approved by the Oil Conservation Engineer. The drilling rig was released on April 10, 1967.

1009 Fourth Avenue S.W.,
Calgary, Alberta.
NS/lh
May 5, 1967


Norman Soul, P. Geol.



DRILL-STEM TEST DATA

Well Name	MOD GC - Ranvik Chevron Desmaris	Test No	One
Well Number	G-38	Zone Tested	Kog River
Company	J. Ray McDermott & Co., Inc.	Interval	1665-1725
Location	N. Souel	Tester	H. Blanchette
		Date	April 7, 1967

Flow Rate 5 gpm Pressure 28 psi Flow Rate 57 gpm Pressure 59 psi

Interval	Single Bottom Hole	SEC No	2453	SEC No	5040	SEC No	
		12	HR CLOCK	12	HR CLOCK		HR CLOCK
DEPTH		1667		1682			
Initial Mud Press		922		929			
Initial Mud Press		740		746			
Initial Flow Press		51		59			
Initial Flow Press		97		95			
Initial Shut-In Press		666		672			
Initial Hydro Mud Press		922		929			

Mud Drop Nil Fluid Loss Mud Weight 10.4

Viscosity 60 Temperature 92°F Net Pay Tested

Top Packer Depth 1665 Bottom Packer Depth Total Depth 1725

Drill Pipe Size 4 1/2" Drill Collar I.D. 2 3/8" Ft Run 230

Surface Choke Size 1" Bottom Choke Size 1/2" Main Hole Size 7 7/8"

Anchor Size 4 3/4" O.D. Rat Hole Size Feet of Rat Hole

Cushion Amount Type Rubber Size 6 5/8"

Fluid Recovery Total Feet 130 Mud

Recovered Feet of

Recovered Feet of

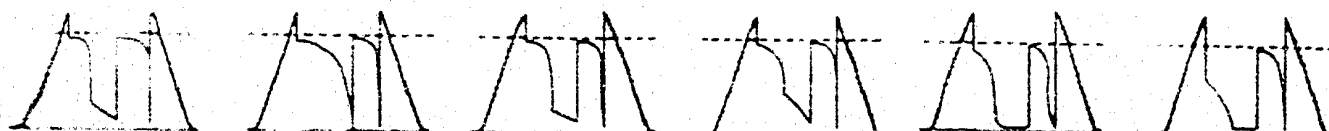
Unit Recovery How Measured

mins	Press Rdg	=	MCF/Day
mins	Press Rdg	=	MCF/Day
mins	Press Rdg	=	MCF/Day
mins	Press Rdg	=	MCF/Day

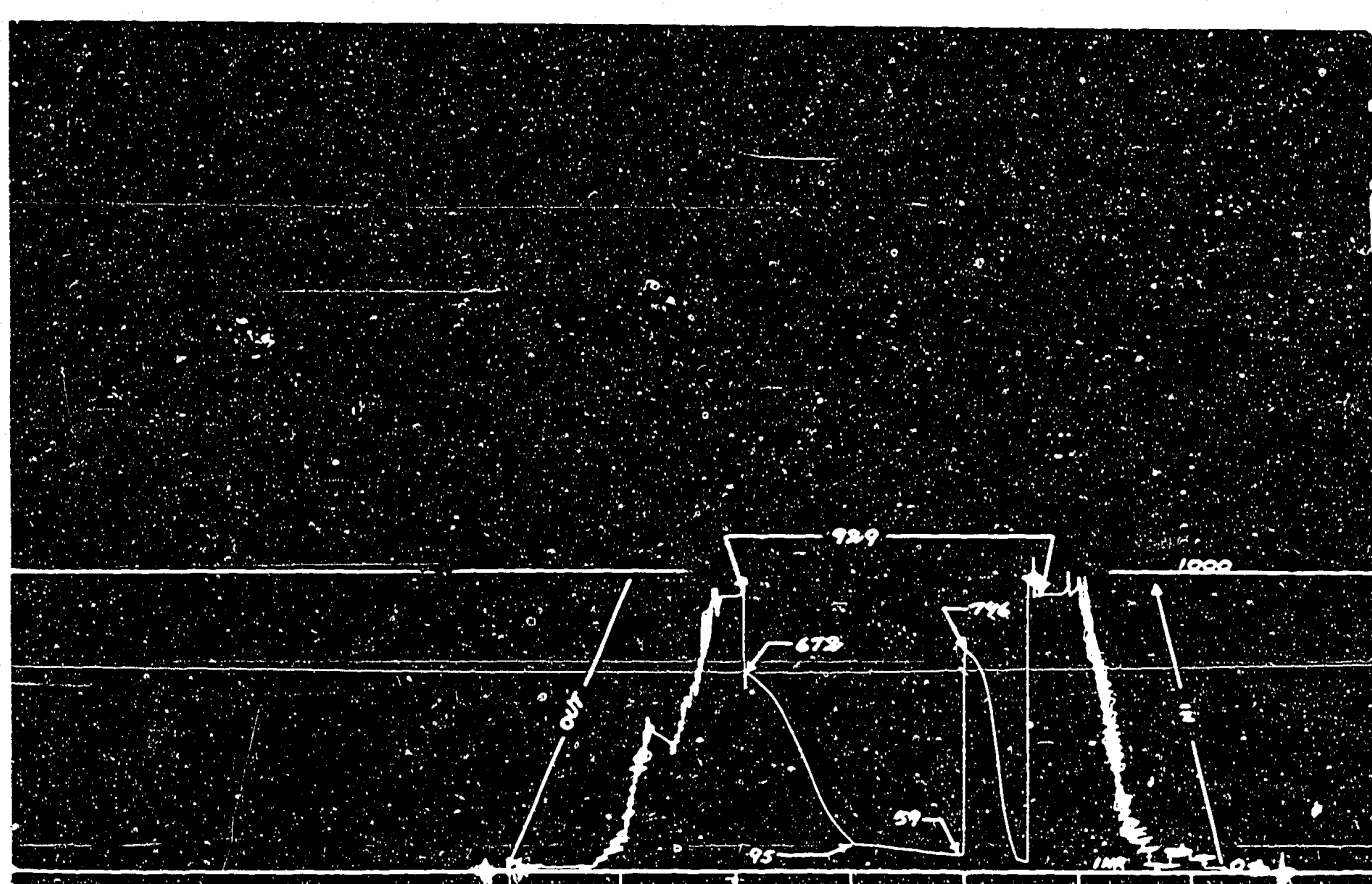
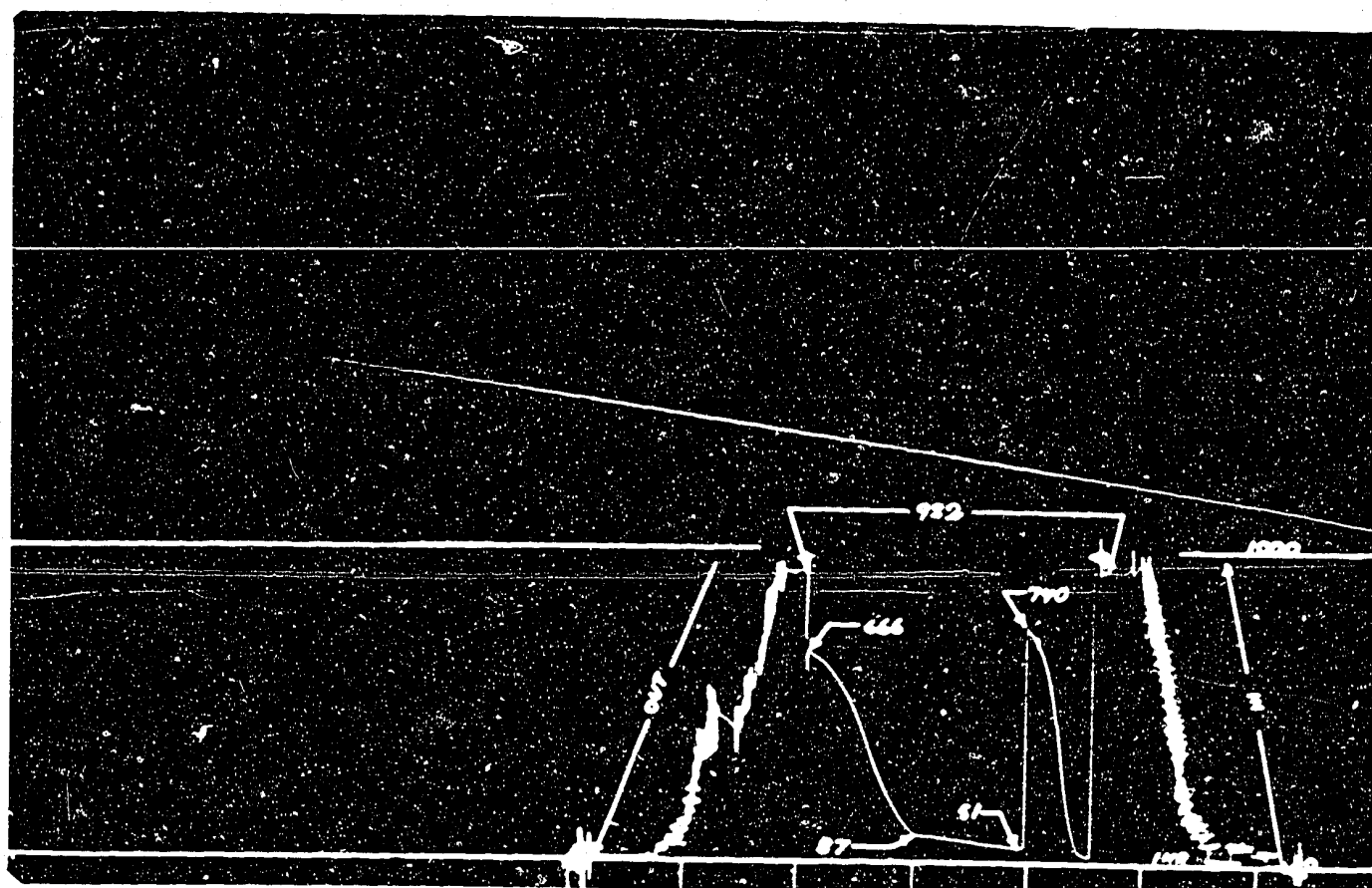
REMARKS G.I.P. on preflow, also on flow. Steady throughout flow period.

	CO. VAL	1.00
	SHUT IN TOOL	5.34
	RPS	
	HYDRAULIC TOOL	7.01
	WARS	4.86
	RECORDERS	
	SAFETY JOINT	1.74
	BY PASS SUB	
	PACKER	5.00
1	PACKER DEPTH	1665
	PACKER	1.00
2	PACKER DEPTH	
	ANCHOR	
	BLANK OFF SUB BY PASS SUB	
	RECORDER	
3	PACKER DEPTH	
	PACKER	
	Recorder	5.00
4	PACKER DEPTH	
	Perf.	10.00
	ANCHOR - SPECIFY	
	Rec.	5.00
	Perf.	1.00
	C.O.S.	.55
	Single	31.62
	C.O.S.	.85
	Perf.	2.00
	BULLNOSE	3.15
	TOTAL DEPTH	1725

DST CHARTS FOR COMPARATIVE VISUAL ANALYSIS



HIGH PERMEABILITY STRONG DAMAGE EFFECT
 HIGH PERMEABILITY NO DAMAGE EFFECT
 MEDIUM PERMEABILITY STRONG DAMAGE EFFECT
 MEDIUM PERMEABILITY NO DAMAGE EFFECT
 LOW PERMEABILITY STRONG DAMAGE EFFECT
 LOW PERMEABILITY NO DAMAGE EFFECT





RIG TIME DATA

Nº 00469

TIME SHEET

Well Name and No. MRD JARUUK CHEURON DESMARRAIS L.S.D.

Operator McDERMOTT

(Please Show Footage Made While Control Drilling As Well As Hours)

K.B. Elev. ⁵⁴⁰~~550~~ ft. Rig No. 1 Date APR. 6 10

Date APR 10 1967

Rig No. 1 APRIL Date 10 1967

BIT RECORD						DRILLING INFORMATION						DRILLING STRING		No.	FEET	MUD					TIME		DETAILS OF WORK DONE		INTERVAL		
																					Start	Stop			Hrs.	Mins.	
Number						Weight Carried Lbs.						D. Collars				Vis.											
Type						Table Speed R.P.M.						Stands				Wt.											
Serial No.						Surveys:						Singles				Gels.											
Size						° at ft. ° at ft.						Other				W.L.											
Jets						° at ft. ° at ft.						Other				F.C.											
Out At						Drill Collars:						Kelly In				Ph.											
In At						No. O.D. I.D. Wt.						Total				Additives											
Footage						No. O.D. I.D. Wt.						PUMPS		No. 1	No. 2												
Hours						Last Casing:						Liner Size															
Condition of Pulled Bit T B G						Size in. Set @ ft. K.B.						Speed															
						Drilling Line:						Pressure															
Depth At End of Tour ft.						Size Trips No. Lines Ton Miles Total Miles						MOTORS		No. 1	No. 2	No. 3	No. 4	No. 5						TOTALS			
Depth At Start of Tour ft.						Feet Slip or Cut Feet Left on Spool Next Slip or Cut						Motor Hours												Day Work W.P. Hrs. Mins. Other Hrs. Mins.			
Footage This Tour ft.												Next Oil Change												Day Work W.O.P. Hrs. Mins. Contractor Time Hrs. Mins.			
Hours on Bottom												Filters Used															
BIT RECORD						DRILLING INFORMATION						DRILLING STRING		No.	FEET	MUD					TIME		DETAILS OF WORK DONE		INTERVAL		
																					Start	Stop			Hrs.	Mins.	
Number						Weight Carried Lbs.						D. Collars				Vis.											
Type						Table Speed R.P.M.						Stands				Wt.											
Serial No.						Surveys:						Singles				Gels.											
Size						° at ft. ° at ft.						Other				W.L.											
Jets						° at ft. ° at ft.						Other				F.C.											
Out At						Drill Collars:						Kelly In				Ph.											
In At						No. O.D. I.D. Wt.						Total				Additives											
Footage						No. O.D. I.D. Wt.						PUMPS		No. 1	No. 2												
Hours						Last Casing:						Liner Size															
Condition of Pulled Bit T B G						Size in. Set @ ft. K.B.						Speed															
						Drilling Line:						Pressure															
Depth At End of Tour ft.						Size Trips No. Lines Ton Miles Total Miles						MOTORS		No. 1	No. 2	No. 3	No. 4	No. 5						TOTALS			
Depth At Start of Tour ft.						Feet Slip or Cut Feet Left on Spool Next Slip or Cut						Motor Hours												Day Work W.P. Hrs. Mins. Other Hrs. Mins.			
Footage This Tour ft.												Next Oil Change												Day Work W.O.P. Hrs. Mins. Contractor Time Hrs. Mins.			
Hours on Bottom												Filters Used															
BIT RECORD						DRILLING INFORMATION						DRILLING STRING		No.	FEET	MUD					TIME		DETAILS OF WORK DONE		INTERVAL		
																					Start	Stop			Hrs.	Mins.	
Number						Weight Carried Lbs.						D. Collars				Vis.											
Type						Table Speed R.P.M.						Stands				Wt.											
Serial No.						Surveys:						Singles				Gels.											
Size						° at ft. ° at ft.						Other				W.L.											
Jets						° at ft. ° at ft.						Other				F.C.											
Out At						Drill Collars:						Kelly In				Ph.											
In At						No. O.D. I.D. Wt.						Total				Additives											
Footage						No. O.D. I.D. Wt.						PUMPS		No. 1	No. 2												
Hours						Last Casing:						Liner Size															
Condition of Pulled Bit T B G						Size in. Set @ ft. K.B.						Speed															
						Drilling Line:						Pressure															
Depth At End of Tour ft.						Size Trips No. Lines Ton Miles Total Miles						MOTORS		No. 1	No. 2	No. 3	No. 4	No. 5						TOTALS			
Depth At Start of Tour ft.						Feet Slip or Cut Feet Left on Spool Next Slip or Cut						Motor Hours												Day Work W.P. Hrs. Mins. Other Hrs. Mins.			
Footage This Tour ft.																											

Totco Ring on Bit No.: _____ Fuel Used Today _____ Gals. Water Truck _____ hr
B.O.P.'s Test Operated for _____ mins. @ _____ p.s.i. Results _____
Weather Cond. _____ Road Cond. _____ Temp. _____

Tosi Pusher _____
Approved By: Thomas Dool

Day Work W.P. _____ Hrs. _____ Mins. Other _____ Hrs. _____ Mins.

Day Work W.O.P. _____ Hrs. _____ Mins. Contractor Time _____ Hrs. _____ Mins.

Toolpusher



RIG TIME DATA

№ 00468

TIME SHEET No 00468

Well Name and No. Mc. DGC RANVILK CHEURON DESMARRAIS L.S.D.

6-38

Operator McDEARMOTT

K.B. Elev. 542 ft

Rig No.

Date APR 6 9 1967

(Please Show Footage Made While Control Drilling As Well As Hours)

(Specify Actual Hours Worked)

Rig No. 1 APRIL Date 9 1967

[illegible]

Well Name and No. 17^C DEERMIK CHEVRON DESHANE S.D. C - 32

Operator *McDERMOTT*

K.B. Elev. 540 ft

Rig No. 4

Date April 8 1947

Rig No. 1 Date 8 1947

(Please Show Footage Made While Control Drilling As Well As Hours)

(Specify Actual Hours Worked)

[illegible]

Taco Ring on Bit No.: _____ Fuel Used Today _____ Gals. Water Truck _____ hrs.
B.O.P.'s Test Operated for _____ mins. @ _____ p.s.i. Results _____
Weather Cond. _____ Road Cond. _____

Tool Pusher

Approved By Thomas Bank

Day Work W.P. _____ Hrs. _____ Mins. Other _____ Hrs. _____ Mins.

Day Work W.O.P. _____ Hrs. _____ Mins. Contractor Time _____ Hrs. _____ Mins

Toolpouter



GAS & OIL ENTERPRISES LTD.

DAILY DRILLING REPORT

RIG TIME DATA

No 00466

No 00466
TIME SHEET

(Specify Actual Hours Worked)

Well Name and No. MO. BANVIK CHEYEN DEMARIS L.S.D. C-38Operator MCDERMOTTK.B. Elev. 540 ft.Rig No. 1Date APRIL 7 1967Rig No. 1 APRIL Date 7 1967

BIT RECORD		DRILLING INFORMATION		DRILLING STRING		FEET		MUD		12 a.m.		4 a.m.		6 a.m.		Start TIME		Stop		DETAILS OF WORK DONE		INTERVAL			
Number	9	Weight Carried	22,000 Lbs.	D. Collars	9	230.72		Vis.	5.2	5.7	6.6	6.2	12	5	5	5	12	5	5	5	DRILL 7 1/8 HOLES	8			
Type	3.31	Table Speed	80 R.P.M.	Stands	23			Wt.	10.5	10.5	10.5	10.5													
Serial No.	701797	Surveys:		Singles	1	1488.08		Gels.																	
Size	7 1/8	1/4" at 1252 ft.		Other				W.L.																	
Jets		" at ft.		Other	5.45	1.10		F.C.																	
Out At		Drill Collars:		Kelly In	29			Ph.																	
In At	1621	No. 9 O.D. 5.625 I.D. 4.500 Wt. 1718.90		Total				Additives	5 GALLON INHIBITOR																
Footage		No. O.D. I.D. Wt.		PUMPS	No. 1	No. 2																			
Hours		Last Casing:		Liner Size	5 1/2																				
Condition of Pulled Bit	T B G	Size 8 1/2 in. Set @ 272 ft. K.B.		Speed	60																				
Depth At End of Tour	1218 ft.	Drilling Line:		Pressure	350																				
Depth At Start of Tour	1638 ft.	Size Trips No. Lines Ton Miles Total Miles		MOTORS	No. 1	No. 2	No. 3	No. 4	No. 5																
Footage This Tour	80 ft.	Feet Slip or Cut		Motor Hours																					
Hours on Bottom	8	Feet Left on Spool		Next Oil Change																					
		Next Slip or Cut		Filters Used																					
BIT RECORD		DRILLING INFORMATION		DRILLING STRING		FEET		MUD		8 a.m.		10 a.m.		12 Noon		2 p.m.		Start TIME		Stop		DETAILS OF WORK DONE		INTERVAL	
Number	9	Weight Carried	20,000 Lbs.	D. Collars	9	230.72		Vis.	6.0									8:00	9:30			DRILL 7 1/8 HOLES	1 30		
Type	2-3-7	Table Speed	80 R.P.M.	Stands	23	1488.08		Wt.	10.4									9:30	10:30			HOIST BIT # 9	1		
Serial No.	701797	Surveys:		Singles	1	31.43		Gels.										10:30	12:30			P.H. UP & MAKE UP PACKER	2		
Size	7 1/8	1/4" at 1252 ft.		Other	3.6	1.10		W.L.										12:30	1:00			RUN IN D.S. # 1	1 30		
Jets		" at ft.		Other				F.C.										1:00	2:00			TESTING			
Out At	1725	Drill Collars:		Kelly In	36.50			Ph.																	
In At	1621	No. 9 O.D. 5.625 I.D. 4.500 Wt. 1775.00		Total				Additives																	
Footage	204	No. O.D. I.D. Wt.		PUMPS	No. 1	No. 2																			
Hours	11	Last Casing:		Liner Size	5 1/2																				
Condition of Pulled Bit	T B G	Size in. Set @ ft. K.B.		Speed	60																				
Depth At End of Tour	1725 ft.	Drilling Line:		Pressure	350																				
Depth At Start of Tour	1718 ft.	Size Trips No. Lines Ton Miles Total Miles		MOTORS	No. 1	No. 2	No. 3	No. 4	No. 5																
Footage This Tour	7 ft.	Feet Slip or Cut		Motor Hours																					
Hours on Bottom	1 1/2	Feet Left on Spool		Next Oil Change																					
		Next Slip or Cut		Filters Used																					
BIT RECORD		DRILLING INFORMATION		DRILLING STRING		FEET		MUD		4 p.m.		6 p.m.		8 p.m.		10 p.m.		Start TIME		Stop		DETAILS OF WORK DONE		INTERVAL	
Number	10	Weight Carried	20,000 Lbs.	D. Collars	9	230.55		Vis.										4:00	5:00			TESTING	1		
Type	5.47	Table Speed	80 R.P.M.	Stands	23	1488.08		Wt.										5:00	6:45			HOIST PACKER SHUT	1 45		
Serial No.	903585	Surveys:		Singles				Gels.										6:45	8:30			BREAK DOWN & WASH UP TEST	1 45		
Size	7 1/8	" at ft.		Other	5.45	1.10		W.L.																	
Jets		" at ft.		Other				F.C.																	
Out At		Drill Collars:		Kelly In	32.10			Ph.																	
In At	1725	No. O.D. I.D. Wt.		Total				Additives																	
Footage	18	No. O.D. I.D. Wt.		PUMPS	No. 1	No. 2																			
Hours	2	Last Casing:		Liner Size	5 1/2																				
Condition of Pulled Bit	T B G	Size in. Set @ ft. K.B.		Speed	60																				
Depth At End of Tour	1743 ft.	Drilling Line:		Pressure	350																				
Depth At Start of Tour	1725 ft.	Size Trips No. Lines Ton Miles Total Miles		MOTORS	No. 1	No. 2	No. 3	No. 4	No. 5																
Footage This Tour	18 ft.	Feet Slip or Cut		Motor Hours																					
Hours on Bottom	2	Feet Left on Spool		Next Oil Change																					
		Next Slip or Cut		Filters Used																					

Torco Ring on Bit No. 10 Fuel Used Today 1 Gals. Water Truck 1 hrs.
B.O.P.'s Test Operated for 1 mins. @ 1 p.s.i. Results 1
Weather Cond. Clear Lib. Hall Road Cond. 1 Temp. -15 °F

Tool Pusher D. J. Sney
Approved By Norman Roub

Day Work W.P. 1 Hrs. 1 Mins. Other 1 Hrs. 1 Mins.
Day Work W.O.P. 1 Hrs. 1 Mins. Contractor Time 1 Hrs. 1 Mins.

Toolpusher D. J. Sney



RIG TIME DATA

№ 00465

IN TIME SHEET

№ 00465

(Specify Actual Hours Worked)

Rig No. 1 *APR 4* Date *6* 1962

Well Name and No. MCD. RANDVIK CHEVRON DEMARAS L.S.D. C-33-60-00-116-30 Operator MCDERMOTT

K B Elev 540 ft. Rig No. 1 Date April 6 1967

[illegible]

Total Ring on: Bit No.: _____ Fuel Used Today _____ Gals. Water Truck _____ hrs.
B.O.P.'s Test Operated for _____ mins. @ _____ p.s.i. Results _____
Weather Cond. Shaw 9T 400pm Road Cond. _____ Temp. 17 °

Tool Pusher.
Approved By

Day Work W.P. _____ Hrs. _____ Mins. Other _____ Hrs. _____ Mins.

Day Work W.O.P. _____ Hrs. _____ Mins. Contractor Time _____ Hrs. _____ Mins.

Toolpusher



Operator McDERMOTT

(Please Show Footage Made While Control Drilling As Well As Hours)

RIG TIME DATA

№ 00464

TIME SHEET

№ 00464

(Specify Actual Hours Worked)

Rig No. 1 April Date 5 1967

TOUR: MIDNIGHT - 8 a.m.	Hrs.
Driller <i>E. PIZARKO</i>	<i>8</i>
Derrick <i>STERNCE KNAPP</i>	<i>8</i>
Floor <i>JENS PEDERSEN</i>	<i>8</i>
Floor <i>ALBERT KNAPP</i>	<i>8</i>
Extra	
Extra	
Extra	
Detail Any Injuries: <i>EUGENE PIZARK</i> <i>EYES BURNING & RUNNING</i> <i>BLIND OVER VISION FROM</i> <i>SULPHUR GAS. RUNNING NOSE.</i>	

TOUR: 8 a.m. - 4 p.m.	Hrs.
Driller P. MOSEA	8
Derrick L. STUDEA	8
Floor C. PRUDENT	8
Floor ELI PEDERSON	8
Extra	
Extra	
Extra	
Detail Any Injuries:	

TOUR: 4 p.m. - Midnight	Hrs.
Driller W OREECK	8
Derrick ROBERT ANDERSON	8
Floor ROY ANDERSON	8
Floor F HARALDSON	8
Extra	
Extra	
Extra	
Detail Any Injuries:	

Toolpusher *D. Meyer*

BIT RECORD				DRILLING INFORMATION				DRILLING STRING				No. FEET		MUD				
Number				Weight Carried		Lbs.		D. Collars				Vis.	12	2 a.m.	4 a.m.	6 a.m.		
Type				Table Speed		R.P.M.		Stands				Wt.						
Serial No.				Surveys:				Singles				Gels.						
Size				$\frac{1}{2}$ at 1292 ft. _____° at _____ ft.				Other				W.L.						
Jets				° at _____ ft. _____° at _____ ft.				Other				F.C.						
Out At				Drill Collars:				Kelly In				Ph.						
In At				No. 10 O.D. 5 5/8 I.D. _____ Wt. _____				Total				• Additives						
Footage				No. _____ O.D. _____ I.D. _____ Wt. _____				PUMPS	No. 1	No. 2								
Hours				Last Casing:				Liner Size										
Condition of	T	B	G	Size 8 3/4 in. Set @ 2372 ft. K.B.				Speed										
Pulled Bit				Drilling Line:				Pressure										
Depth At End of Tour	1447	ft.		Size	Trips	No. Lines	Ton Miles	Total Miles				MOTORS	No. 1	No. 2	No. 3	No. 4	No. 5	
Depth At Start of Tour	1396	ft.		1		6						Motor Hours						
Footage This Tour	131	ft.										Next Oil Change						
Hours on Bottom	1 3/4 Hrs.			Feet Slip or Cut		Feet Left on Spool		Next Slip or Cut				Filters Used						

BIT RECORD				DRILLING INFORMATION				DRILLING STRING		No.	FEET		MUD				8 a.m.	10 a.m.	12 Noon	2 p.m.
Number	7			Weight Carried	Lbs.			D. Collars					Vis.							31
Type	54-T			Table Speed	R.P.M.			Strands					Wt.							10.4
Serial No.	966594			Surveys:				Singles					Gels.							
Size	9.7			° at _____ ft. ° at _____ ft.				Other					W.L.							
Jets				° at _____ ft. ° at _____ ft.				Other					F.C.							
Out At				Drill Collars:				Kelly In					Ph.							
In At	1447			No. _____ O.D. _____ I.D. _____ Wt. _____				Total					Additives							
Footage	—			No. _____ O.D. _____ I.D. _____ Wt. _____				PUMPS	No. 1		No. 2		GELL 10600#							
Hours	—			Last Casing:				Liner Size					MAGBAA WEIGHT 52							
Condition of	T B G			Size _____ in. Set @ _____ ft. K.B.				Speed					TIME 100#							
Pulled Bit				Drilling Line:				Pressure												
Depth At End of Tour	1447 ft.			Size	Trips	No. Lines	Ton Miles	Total Miles					MOTORS	No. 1	No. 2	No. 3	No. 4	No. 5		
Depth At Start of Tour	1447 ft.			1		6							Motor Hours							
Footage This Tour	— ft.			Feet Slip or Cut			Feet Left on Spool	Next Slip or Cut					Next Oil Change							
on Bottom	—												Filters Used							

BIT RECORD				DRILLING INFORMATION				DRILLING STRING			FEET		MUD		4 p.m.		6 p.m.		10 p.m.		10 p.m.	
Number	7			Weight Carried	25,000 Lbs.			D. Collars	9	230.55		Vis.							55	50		
Type	54T			Table Speed	100 R.P.M.			Stands	19	107641		Wt.							10.9	10.6		
Serial No.	906694			Surveys:				Singles	1	3105		Gels.										
Size	7-7			° at — ft. —° at — ft.				Other	SMP		120	W.L.										
Jets				° at — ft. —° at — ft.				Other				F.C.										
Out At				Drill Collars:				Kelly In			36.00	Ph.										
In At	1447			No. — O.D. — I.D. — Wt. —				Total			1475.11	• Additives										
Footage	28			No. — O.D. — I.D. — Wt. —				PUMPS	No. 1	No. 2		GEL. #400 Wt.										
Hours	3			Last Casing:				Liner Size	5 1/2			WEIGHT 2500 Wt.										
Condition of	T	B	G	Size — in. Set @ — ft. K.B.				Speed	60			FIBERTEX 4 SAX										
Pulled Bit				Drilling Line:				Pressure	325													
Depth At End of Tour	1475 ft.			Size	Trips	No. Lines	Ton Miles	Total Miles			MOTORS		No. 1	No. 2	No. 3	No. 4	No. 5					
Depth At Start of Tour	1447 ft.			1		6					Motor Hours											
Footage This Tour	28 ft.			Feet Slip or Cut				Feet Left on Spool	Next Slip or Cut			Next Oil Change										
Hours on Bottom	3											Filters Used										

Totco Ring on Bit No.: _____ Fuel Used Today _____ Gals. Water Truck _____ hrs.
B.O.P.'s Test Operated for _____ mins. @ _____ p.s.i. Results _____
Weather Cond. _____ Road Cond. _____ Temp. -2 °F

Tool Pusher _____
Approved By Norman Soul

Day Work W.P. _____ Hrs. _____ Mins. Other _____ Hrs. _____ Mins.

Day Work W.O.P. _____ Hrs. _____ Mins. Contractor Time _____ Hrs. _____ Mins.



RIG TIME DATA

TIME SHEET No 00463

(Please Show Footage Made While Control Drilling As Well As Hours)

Well Name and No. MCD RANVILK CHEVRON DEMARIES L.S.D. E-38

Operator... McDERMOTT

K.B. Elev. 540 ft.

Rig No... /

Date APRIL 4 1967

Rig No. 1 APRIL Date 4 1967

Well Name and No. 11. D. HANSEN, OILMAN, DELAND, CALIF.										DETAILS OF WORK DONE										INTERVAL		TOUR: MIDNIGHT - 8 a.m.		Hrs.																																									
BIT RECORD				DRILLING INFORMATION				DRILLING STRING				MUD				Start TIME Stop				DETAILS OF WORK DONE				INTERVAL		TOUR: MIDNIGHT - 8 a.m.		Hrs.																																					
Number 4 5				Weight Carried 25 Lbs.				D. Collars 10 257.55				Vis. 7.7 7.7 7.0 6.5				12.00 3.45				MIX MUD AND BAROID-KILLED FLOW				3 45		Driller E. PIZZARRO 8																																							
Type MYN MYN				Table Speed 80 R.P.M.				Stands 15 931.35				Wt. 10.5 11.5 11. 10.8				7.45 4.00				DRILL				15		Derrick STEARNE KNAPP 8																																							
Serial No. 902590 83768				Surveys: 34° at 824 ft. ° at ° at ° at				Singles				Gels.				4.00 5.45				TAP FOR BIT & 5				1 45		Floor JENS PEDERSEN 8																																							
Size 7.2 7.7				° at ° at ° at ° at				Other				W.L.				5.45 8.00				DRILL				2 15		Floor ALBERT KNAPP 8																																							
Jets				Drill Collars:				Kelly In				Ph.														Extra																																							
Out At 1201				No. 10 O.D. 5 1/2 I.D. Wt.				Total 1222.00				Additives GEL 3500 #														Extra																																							
In At 1096 1201				No. O.D. I.D. Wt.				PUMPS No. 1 No. 2				BAROID 10500 #														Extra																																							
Footage 105 23				Last Casing:				Liner Size 7				CARSTIC 100 #														Extra																																							
Hours 10 1/4 2 1/4				Size 8 3/4 in. Set @ 272 ft. K.B.				Speed 52																		Detail Any Injuries:																																							
Condition of Pulled Bit 2 4 D				Drilling Line:				Pressure 475																TOTALS 8																																									
Depth At End of Tour 1299 ft.				Size Trips No. Lines Ton Miles Total Miles				MOTORS No. 1 No. 2 No. 3 No. 4 No. 5				Day Work W.P. Hrs. Mins. Other Hrs. Mins.																																																					
Depth At Start of Tour 1199 ft.				1 6				Motor Hours																																																									
Footage This Tour 23 ft.				Feet Slip or Cut Feet Left on Spool Next Slip or Cut				Next Oil Change																																																									
Hours on Bottom				Filters Used																																																													
BIT RECORD										DRILLING INFORMATION										DRILLING STRING										MUD										Start TIME Stop										DETAILS OF WORK DONE										INTERVAL		TOUR: 8 a.m. - 4 p.m.		Hrs.	
Number 5										Weight Carried 25 Lbs.										D. Collars 10 157.55										Vis. 9.9 4.0 4.4 4.1										8.00 1.15										DRILL 7 3/4 HOLE										5 15		Driller P. MOSER 8			
Type MYN										Table Speed 80 R.P.M.										Stands 16 972.26										Wt. 9.9 9.9 9.9 9.7										1.15 2.55										3 P.D.R.A.H										1 15		Derrick L. STUBER 8			
Serial No. 837608										Surveys: 16° at 34 ft. ° at ° at ° at										Singles										Gels.										2.15 4.00										DRILL 9 3/8 HOLE										1 45		Floor C. PRUDAT 8			
Size 9 3/8										° at ° at ° at ° at										Other 563 1.10										W.L.										4.00																						Floor ELI PEDERSEN 8			
Jets										Drill Collars:										Kelly In										Ph.																																Extra			
Out At 1201										No. 10 O.D. 5 1/2 I.D. Wt.										Total 1284.00										Additives GEL 3900 #																																Extra			
In At 1201										No. O.D. I.D. Wt.										PUMPS No. 1 No. 2										BAROID 2900 #																																Extra			
Footage 83										Last Casing:										Liner Size 7																																										Extra			
Hours 9 1/4										Size 8 3/4 in. Set @ 272 ft. K.B.										Speed 52																																										Detail Any Injuries:			
Condition of Pulled Bit T B G										Drilling Line:										Pressure 475																																								TOTALS 8					
Depth At End of Tour 1284 ft.										Size Trips No. Lines Ton Miles Total Miles										MOTORS No. 1 No. 2 No. 3 No. 4 No. 5										Day Work W.P. Hrs. Mins. Other Hrs. Mins.																																			
Depth At Start of Tour 1272 ft.										1 6										Motor Hours																																													
Footage This Tour 12 ft.										Feet Slip or Cut Feet Left on Spool Next Slip or Cut										Next Oil Change																																													
Hours on Bottom 7										Filters Used																																																							
BIT RECORD										DRILLING INFORMATION										DRILLING STRING										MUD										Start TIME Stop										DETAILS OF WORK DONE										INTERVAL		TOUR: 4 p.m. - Midnight		Hrs.	
Number 6										Weight Carried 20.000 Lbs.										D. Collars 10 257.55										Vis. 4.00 6.00 8.00 10.00										4.00 5.00										DRILL 7 1/8 Hole										7 15		Driller W. ORBECK 8			
Type MYN 54T										Table Speed 90 R.P.M.										Stands 17 1054.03										Wt. 10.5 11.5 11. 10.8										5.00 6.00										HOIST FOR BIT DRAP SURVEY										45		Derrick ROBERT ANDERSON 8			
Serial No. 837608 E-3958										Surveys: 14° at 1292 ft. ° at ° at ° at										Singles										Gels.										6.00 8.00										CHANGE HOOPS & LINERS										2 45		Floor ROY ANDERSON 8			
Size 7.7										° at																																																							

Torque Ring on Bit No.: 5 Fuel Used Today _____ Gals. Water Truck _____ hrs.
B.O.P.'s Test Operated for _____ mins. @ _____ p.s.i. Results _____
Weather Cond. _____ Road Cond. _____ Temp. -16 °F

Tool Pusher: _____
Approved By: Thorne Soil

Day Work W.P. _____ Hrs. _____ Mins. Other _____ Hrs. _____ Mins.

Day Work V.O.P. _____ Hrs. _____ Mins. Contractor Time _____ Hrs. _____ Mins.

Toolpusher *D. King*



RIG TIME DATA

№ 00462

No 00462
TIME SHEET

Well Name and No. MCD. RANVIK CHEVRON DEMARRAS L.S.D. C. 38

Operator... *McDERMOTT*

K.B. Elev. 540 ft.

Rig No. 44

Date April. 3 1967

Rig No. 1 April Date 3 1967

[illegible]

Totco Ring on Bit No.: _____ Fuel Used Today _____ Gals. Water Truck _____ hrs.
B.O.P.'s Test Operated for _____ mins. @ _____ p.s.i. Results _____
Weather Cond. SNOW Road Cond. _____ Temp. 9° F

Approved By: Norman Doul

Day Work W.P. _____ Hrs. _____ Mins. Other _____ Hrs. _____ Mins.

Day Work W.O.P. _____ Hrs. _____ Mins. Contractor Time _____ Hrs. _____ Mins.

Toolpusher
L. T. King



RIG TIME DATA

Nº 00460

TIME SHEET No 00460

Well Name and No ED. C. Ravi K Chedron Desmaka S.D

Operator... *McDermott*

K.B. Elev. 540 ft.

Rig No.

Date *April* 1 19 61

Rig No. 1 Date *Nov 1* 196*7*

[illegible]

DAILY DRILLING REPORT

RIG TIME DATA

No 00459

No 00459

Well Name and No. W.C. RANVICK CHEVRON DESMARCAIS D.E. 38

Operator M. L. DERMOTT

K.B. Elev. 540 ft.

Rig No. 1

Date MAR. 31 1967

(Specify Actual Hours Worked)

Rig No. 1

Date MAR. 31 1967

BIT RECORD				DRILLING INFORMATION				DRILLING STRING				FEET				MUD				TIME				DETAILS OF WORK DONE				INTERVAL			
Number				Weight Carried	Lbs.			D. Collars				Vis.				Start	TIME	Stop													
Type				Table Speed	R.P.M.			Stands				Wt.				12 ⁰⁰	1 ⁰⁰	2 ⁰⁰	RUN 7 STS. 8 3/8 CASING				1								
Serial No.				Surveys:				Singles				Gels.				1 ⁰⁰	2 ⁰⁰	3 ⁰⁰	CIRC Hole				1								
Size				" at " ft. " at " ft.				Other				W.L.				2 ⁰⁰	3 ⁰⁰	4 ⁰⁰	PERCENT w/ HOWCO Plug down 2 1/2				45								
Jets				" at " ft. " at " ft.				Other				F.C.				3 ⁰⁰	4 ⁰⁰	5 ⁰⁰	W O.C.												
Out At				Drill Collars:				Kelly In				Ph.								7 joints (282.74') x 8 3/8" x 24 lb new Mannesmann											
In At				No. O.D. I.D. Wt.				Total				Additives								casing with coupling insert fill-up valve and Larkin											
Footage				No. O.D. I.D. Wt.				PUMPS	No. 1	No. 2										guide shoe. Thred-Lok on guide shoe. One centralizer											
Hours				Last Casing:				Liner Size												between joints 2 & 3. banded at 272' K.B. Cemented											
Condition of Pulled Bit	T	B	G	Size in. Set @ ft. K.B.				Speed												by Halliburton with 2002 8 1/2% C.C. No returns to surface.											
Depth At End of Tour	ft.			Drilling Line:				Pressure												TOTALS											
Depth At Start of Tour	ft.			Size Trips No. Lines Ton Miles Total Miles				MOTORS	No. 1	No. 2	No. 3	No. 4	No. 5					Day Work W.P. Hrs. Mins. Other Hrs. Mins.													
Footage This Tour	ft.			Feet Slip or Cut	Feet Left on Spool	Next Slip or Cut		Next Oil Change										Day Work W.O.P. Hrs. Mins. Contractor Time Hrs. Mins.													
Hours on Bottom								Filters Used																							
Number				Weight Carried	Lbs.			D. Collars				Vis.				Start	TIME	Stop													
Type				Table Speed	R.P.M.			Stands				Wt.				8 ⁰⁰			W.O.C.												
Serial No.				Surveys:				Singles				Gels.							DIGGING CENAR												
Size				" at " ft. " at " ft.				Other				W.L.							Cut off 21.60' of 8 3/8" casing												
Jets				" at " ft. " at " ft.				Other				F.C.							Casing in hole = 261.14'												
Out At				Drill Collars:				Kelly In				Ph.																			
In At				No. O.D. I.D. Wt.				Total				Additives																			
Footage				No. O.D. I.D. Wt.				PUMPS	No. 1	No. 2																					
Hours				Last Casing:				Liner Size																							
Condition of Pulled Bit	T	B	G	Size in. Set @ ft. K.B.				Speed																							
Depth At End of Tour	ft.			Drilling Line:				Pressure												TOTALS											
Depth At Start of Tour	ft.			Size Trips No. Lines Ton Miles Total Miles				MOTORS	No. 1	No. 2	No. 3	No. 4	No. 5					Day Work W.P. Hrs. Mins. Other Hrs. Mins.													
Footage This Tour	ft.			Feet Slip or Cut	Feet Left on Spool	Next Slip or Cut		Next Oil Change										Day Work W.O.P. Hrs. Mins. Contractor Time Hrs. Mins.													
Hours on Bottom								Filters Used																							
Number				Weight Carried	Lbs.			D. Collars				Vis.				Start	TIME	Stop													
Type				Table Speed	R.P.M.			Stands				Wt.				4 ⁰⁰	12 ⁰⁰		W.O.C.												
Serial No.				Surveys:				Singles				Gels.							NIPPLE UP												
Size				" at " ft. " at " ft.				Other				W.L.																			
Jets				" at " ft. " at " ft.				Other				F.C.																			
Out At				Drill Collars:				Kelly In				Ph.																			
In At				No. O.D. I.D. Wt.				Total				Additives																			
Footage				No. O.D. I.D. Wt.				PUMPS	No. 1	No. 2																					
Hours				Last Casing:				Liner Size																							
Condition of Pulled Bit	T	B	G	Size in. Set @ ft. K.B.				Speed																							
Depth At End of Tour	ft.			Drilling Line:				Pressure												TOTALS											
Depth At Start of Tour	ft.			Size Trips No. Lines Ton Miles Total Miles				MOTORS	No. 1	No. 2	No. 3	No. 4	No. 5					Day Work W.P. Hrs. Mins. Other Hrs. Mins.													
Footage This Tour	ft.			Feet Slip or Cut	Feet Left on Spool	Next Slip or Cut		Next Oil Change										Day Work W.O.P. Hrs. Mins. Contractor Time Hrs. Mins.													
Hours on Bottom								Filters Used																							

Totco Ring on Bit No.: _____ Fuel Used Today _____ Gals. Water Truck _____ hrs.
 B.O.P.'s Test Operated for _____ mins. @ _____ p.s.i. Results _____
 Weather Cond. _____ Road Cond. _____ Temp. 15 °F

Tool Pusher 20 J. Sney
 Approved By Karen Bond

Day Work W.P. _____ Hrs. _____ Mins. Other _____ Hrs. _____ Mins.
 Day Work W.O.P. _____ Hrs. _____ Mins. Contractor Time _____ Hrs. _____ Mins.

Toolpusher 20 J. Sney



GAS & OIL ENTERPRISES LTD.

DAILY DRILLING REPORT

RIG TIME DATA

No 00458

No 00458
TIME SHEET

(Please Show Footage Made While Control Drilling As Well As Hours)

(Specify Actual Hours Worked)

Well Name and No. M.D. G.C. RANVIK CHERRIN DE 103015Operator MCDERMOTTK.B. Elev. 540 ft.Rig No. 1Date MAR. 30 1967Rig No. 1Date MAR. 30 1967

BIT RECORD		DRILLING INFORMATION		DRILLING STRING		FEET		MUD		12		2 a.m.		4 a.m.		6 a.m.		Start TIME		Stop		DETAILS OF WORK DONE		INTERVAL								
Number	<u>1-A</u>	Weight Carried	<u>ALL</u> Lbs.	D. Collars	<u>5</u>	<u>126.27</u>		Vis.																								
Type	<u>R.T.</u>	Table Speed	<u>130</u> R.P.M.	Stands				Wt.																								
Serial No.		Surveys:		Singles				Gels.																								
Size	<u>12 1/4</u>	<u>3/4</u> at <u>60</u> ft. at <u>0</u> ft.		Other	<u>5485</u>	<u>2.05</u>		W.L.	<u>Water</u>																							
Jets		at <u>0</u> ft. at <u>0</u> ft.		Other				F.C.																								
Out At		Drill Collars:		Kelly In		<u>36.00</u>		Ph.																								
In At	<u>0</u>	No. <u>0</u> O.D. <u>0</u> I.D. <u>0</u> Wt. <u>0</u>		Total		<u>158.32</u>		Additives																								
Footage	<u>7</u>	No. <u>0</u> O.D. <u>0</u> I.D. <u>0</u> Wt. <u>0</u>		PUMPS	No. 1	No. 2																										
Hours	<u>7 3/4</u>	Last Casing:		Liner Size	<u>7</u>																											
Condition of	<u>T</u>	Size <u>0</u> in. Set @ <u>0</u> ft. K.B.		Speed	<u>62</u>																											
Pulled Bit		Drilling Line:		Pressure																												
Depth A=	End of Tour <u>158</u> ft.	Size	Trips	No. Lines	Ton Miles	Total Miles																										
Depth A=	Start of Tour <u>0</u> ft.	1		6																												
Footage	This Tour <u>158</u> ft.	Feet Slip or Cut		Feet Left on Spool		Next Slip or Cut																										
Hours on	Bottom <u>7 3/4</u>																															
MOTORS																								No. 1	No. 2	No. 3	No. 4	No. 5	TOTALS		<u>8</u>	
Motor Hours																																
Next Oil Change																																
Filters Used																																
Day Work W.P.																								Hrs.		Mins.	Other	Hrs.		Mins.		
Day Work W.O.P.																								Hrs.		Mins.	Contractor Time	Hrs.		Mins.		

BIT RECORD		DRILLING INFORMATION		DRILLING STRING		FEET		MUD		8 a.m.		10 a.m.		12 Noon		2 p.m.		Start TIME		Stop		DETAILS OF WORK DONE		INTERVAL								
Number	<u>1-A</u>	Weight Carried	<u>ALL</u> Lbs.	D. Collars	<u>10</u>	<u>256.00</u>		Vis.																								
Type	<u>FLIP</u>	Table Speed	<u>130</u> R.P.M.	Stands				Wt.																								
Serial No.		Surveys:		Singles				Gels.																								
Size	<u>12 1/4</u>	<u>3/4</u> at <u>194</u> ft. <u>1/8</u> at <u>272</u> ft.		Other	<u>5463</u>	<u>2.05</u>		W.L.	<u>Water</u>																							
Jets		at <u>0</u> ft. at <u>0</u> ft.		Other				F.C.																								
Out At	<u>272</u>	Drill Collars:		Kelly In		<u>14.00</u>		Ph.																								
In At	<u>0</u>	No. <u>0</u> O.D. <u>0</u> I.D. <u>0</u> Wt. <u>0</u>		Total		<u>272.00</u>		Additives																								
Footage	<u>272</u>	No. <u>0</u> O.D. <u>0</u> I.D. <u>0</u> Wt. <u>0</u>		PUMPS	No. 1	No. 2																										
Hours	<u>11</u>	Last Casing:		Liner Size	<u>7</u>																											
Condition of	<u>T</u>	Size <u>0</u> in. Set @ <u>0</u> ft. K.B.		Speed	<u>62</u>																											
Pulled Bit		Drilling Line:		Pressure																												
Depth A=	End of Tour <u>272</u> ft.	Size	Trips	No. Lines	Ton Miles	Total Miles																										
Depth A=	Start of Tour <u>158</u> ft.	1		6																												
Footage	This Tour <u>114</u> ft.	Feet Slip or Cut		Feet Left on Spool		Next Slip or Cut																										
Hours on	Bottom																															
MOTORS																								No. 1	No. 2	No. 3	No. 4	No. 5	TOTALS		<u>8</u>	
Motor Hours																																
Next Oil Change																																
Filters Used																																
Day Work W.P.																								Hrs.		Mins.	Other	Hrs.		Mins.		
Day Work W.O.P.																								Hrs.		Mins.	Contractor Time	Hrs.		Mins.		

BIT RECORD		DRILLING INFORMATION		DRILLING STRING		FEET		MUD		4 p.m.		6 p.m.		8 p.m.		10 p.m.		Start TIME		Stop		DETAILS OF WORK DONE		INTERVAL								
Number		Weight Carried		D. Collars				Vis.																								
Type		Table Speed		Stands				Wt.																								
Serial No.		Surveys:		Singles				Gels.																								
Size		at <u>0</u> ft. at <u>0</u> ft.		Other				W.L.																								
Jets		at <u>0</u> ft. at <u>0</u> ft.		Other				F.C.																								
Out At		Drill Collars:		Kelly In				Ph.																								
In At		No. <u>0</u> O.D. <u>0</u> I.D. <u>0</u> Wt. <u>0</u>		Total				Additives																								
Footage		No. <u>0</u> O.D. <u>0</u> I.D. <u>0</u> Wt. <u>0</u>		PUMPS	No. 1	No. 2																										
Hours		Last Casing:		Liner Size																												
Condition of	<u>T</u>	Size <u>0</u> in. Set @ <u>0</u> ft. K.B.		Speed																												
Pulled Bit		Drilling Line:		Pressure																												
Depth A=	End of Tour	Size	Trips	No. Lines	Ton Miles	Total Miles																										
Depth A=	Start of Tour	1																														
Footage	This Tour	Feet Slip or Cut		Feet Left on Spool		Next Slip or Cut																										
Hours on	Bottom																															
MOTORS																								No. 1	No. 2	No. 3	No. 4	No. 5	TOTALS		<u>8</u>	
Motor Hours																																
Next Oil Change																																
Filters Used																																
Day Work W.P.																								Hrs.		Mins.	Other	Hrs.		Mins.		
Day Work W.O.P.																								Hrs.		Mins.	Contractor Time	Hrs.		Mins.		

Motor Ring Bit No.: 1-A Fuel Used Today 0 Gals. Water Truck 0 hrs.
O.P.'s Test Operated for 0 mins. @ 0 p.s.i. Results 0
Weather Cond. Cold. As Hell Road Cond. Rough As Hell Temp. 30 Below

Tool Pusher D. Longley
Approved By Norman Bond

Day Work W.P. 0 Hrs. 0 Mins. Other 0 Hrs. 0 Mins.
Day Work W.O.P. 0 Hrs. 0 Mins. Contractor Time 0 Hrs. 0 Mins.

Toolpusher D. Longley



GAS & OIL ENTERPRISES LTD.

DAILY DRILLING REPORT

RIG TIME DATA

No 00457

No 00457

TIME SHEET

(Please Show Footage Made While Control Drilling As Well As Hours)

(Specify Actual Hours Worked)

Well Name and No. MED. RANVICK CHEVRON DEMARRIS L.S.D. C-32Operator McDERMOTT

K.B. Elev. _____ ft.

Rig No. 1Date MAR 29 1967Rig No. 1 MAP Date 29 1967

BIT RECORD		DRILLING INFORMATION		DRILLING STRING		FEET		MUD		12		2 a.m.		4 a.m.		6 a.m.		Start		TIME		Stop		DETAILS OF WORK DONE		INTERVAL	
Number		Weight Carried	Lbs.	D. Collars		Vis.																					
Type		Table Speed	R.P.M.	Stands		Wt.																					
Serial No.		Surveys:		Singles		Gels.																					
Size		° at _____ ft. ° at _____ ft.		Other		W.L.																					
Jets		° at _____ ft. ° at _____ ft.		Other		F.C.																					
Out At		Drill Collars:		Kelly In		Ph.																					
In At		No. _____ O.D. _____ I.D. _____ Wt. _____		Total		Additives																					
Footage		No. _____ O.D. _____ I.D. _____ Wt. _____		PUMPS	No. 1	No. 2																					
Hours		Last Casing:		Liner Size																							
Condition of	T	Size _____ in. Set @ _____ ft. K.B.		Speed																							
Pulled Bit		Drilling Line:		Pressure																							
Depth At End of Tour	_____ ft.	Size	Trips	No. Lines	Ton Miles	Total Miles																					
Depth At Start of Tour	_____ ft.	Feet Slip or Cut		Feet Left on Spool		Next Slip or Cut																					
Footage This Tour	_____ ft.																										
Hours on Bottom																											
BIT RECORD		DRILLING INFORMATION		DRILLING STRING		FEET		MUD		8 a.m.		10 a.m.		12 Noon		2 p.m.		Start		TIME		Stop		DETAILS OF WORK DONE		INTERVAL	
Number		Weight Carried	Lbs.	D. Collars		Vis.																					
Type		Table Speed	R.P.M.	Stands		Wt.																					
Serial No.		Surveys:		Singles		Gels.																					
Size		° at _____ ft. ° at _____ ft.		Other		W.L.																					
Jets		° at _____ ft. ° at _____ ft.		Other		F.C.																					
Out At		Drill Collars:		Kelly In		Ph.																					
In At		No. _____ O.D. _____ I.D. _____ Wt. _____		Total		Additives																					
Footage		No. _____ O.D. _____ I.D. _____ Wt. _____		PUMPS	No. 1	No. 2																					
Hours		Last Casing:		Liner Size																							
Condition of	T	Size _____ in. Set @ _____ ft. K.B.		Speed																							
Pulled Bit		Drilling Line:		Pressure																							
Depth At End of Tour	_____ ft.	Size	Trips	No. Lines	Ton Miles	Total Miles																					
Depth At Start of Tour	_____ ft.	Feet Slip or Cut		Feet Left on Spool		Next Slip or Cut																					
Footage This Tour	_____ ft.																										
Hours on Bottom																											
BIT RECORD		DRILLING INFORMATION		DRILLING STRING		FEET		MUD		4 p.m.		6 p.m.		8 p.m.		10 p.m.		Start		TIME		Stop		DETAILS OF WORK DONE		INTERVAL	
Number		Weight Carried	Lbs.	D. Collars		Vis.																					
Type		Table Speed	R.P.M.	Stands		Wt.																					
Serial No.		Surveys:		Singles		Gels.																					
Size		° at _____ ft. ° at _____ ft.		Other		W.L.																					
Jets		° at _____ ft. ° at _____ ft.		Other		F.C.																					
Out At		Drill Collars:		Kelly In		Ph.																					
In At		No. _____ O.D. _____ I.D. _____ Wt. _____		Total		Additives																					
Footage		No. _____ O.D. _____ I.D. _____ Wt. _____		PUMPS	No. 1	No. 2																					
Hours		Last Casing:		Liner Size																							
Condition of	T	Size _____ in. Set @ _____ ft. K.B.		Speed																							
Pulled Bit		Drilling Line:		Pressure																							
Depth At End of Tour	_____ ft.	Size	Trips	No. Lines	Ton Miles	Total Miles																					
Depth At Start of Tour	_____ ft.	Feet Slip or Cut		Feet Left on Spool		Next Slip or Cut																					
Footage This Tour	_____ ft.																										
Hours on Bottom																											

Totco Ring on Bit No.: _____ Fuel Used Today _____ Gals. Water Truck _____ hrs.
B.O.P.'s Test Operated for _____ mins. @ _____ p.s.i. Results _____
Weather Cond. FAIR Road Cond. VERY POOR Temp. -30 °F

Tool Pusher

Approved By

Norman Paul

Day Work W.P. _____ Hrs. _____ Mins. Other _____ Hrs. _____ Mins.

Day Work W.O.P. _____ Hrs. _____ Mins. Contractor Time _____ Hrs. _____ Mins.

Toolpusher