

GEN. CRUDE RANVIK CHEVRON
DESMARRAIS PT E-72

Drilling Authority No. 229
Date issued

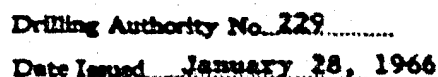
WELL NO. E Gen. Crude Ranvik Chevron Desmarais Pt. E-72

FIELD
LOCATION: Unit E Area:
Latitude 61-01-17.69 Section 72 Grid 61-10; 116-15
Longitude 116-29-42.05
From Established Reference Marker

Rig Release Date:
Status
Information Release Date

CHANGE OF NAME:

DATE RECEIVED	INDEX
	Application for a Drilling Authority.
	Well Completion Data.
	Well History Report.
	Application to Amend a Drilling Authority.
	Application to change a Well Name.
	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



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

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
Mar. 17/66	1542	1170	Plug No. 1 - 80 sacks								
Mar. 17/66	750	570	Plug No. 2 - 40 sacks, Top Felt at 365' + 1 bag Calc.								
Mar. 18/66	250	150	Plug No. 3 - 25 sacks, Top Felt at 145' + 1 bag Calc.								
Mar. 18			5 sacks in top of casing. 4'x2" riser with name plate on steel plate welded on top of casing.								

DRILL STEM TESTS

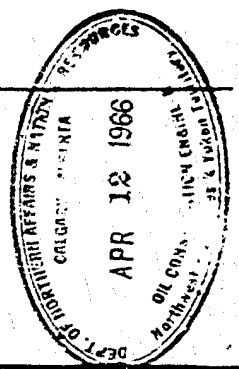
No.	Date	Formation	From	To	V.O. Mins.	I.S.I. Mins.	F.S.I. Mins.	I.S.I.B.H.P.	F.S.I.B.H.P.	I.F.B.H.P.	P.F.B.H.P.	I.H.P.	F.H.P.	REMARKS
1	Mar. 4/66	Slave Point	600	630	60	30	60	269	243	23	25	301	296	Recovered 2 gallons drilling mud.
2	Mar. 16/66	Lonely Bay	1468	1528	60	30	60	746	746	464	729	831	831	Recovered 280' sulphurous salt water + 15 gal Drilling fluid

ANALYSIS

Lab. No.	Sample	From	To	Source	Remarks	PRESENT STATUS OF WELL				
C66-226	Water	1468	1528	Lonely Bay Formation	DST No. 2	Oil				
						(Interval)				
						Gas				
						(Interval)				
						Dry		X		
						Surp				

General Crude Oil Company
 Company *Norman Soul*
 Signed *Norman Soul*, P. Geol.
 Geologist, J.C. Spreule and Associates Ltd.
 Title *April 4, 1966*
 Date

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



File No.

Drilling Authority No. 729



DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES
RESOURCE MANAGEMENT DIVISION

Application to Change a Well Name

Application is made hereby to change the name of the well, recorded in the Well-names Register as—

Gen Crude-Ranvik-Chevron Desmarais Pt. D-2

(Old name)

to Gen Crude-Ranvik-Chevron Desmarais Pt. E-72

(Proposed new name)

Well Location

Location: Unit **E** Section **72** Grid **61-10-116-13**

Latitude **61° 01' 17.69" North** Longitude **116° 29' 42.05" West**

From Established Reference Marker Station **3063 N.U.T.**

Latitude **61° 01' 25.868" North** Longitude **116° 28' 54.389" West**

Reason for Changing Well Name

Plan of Survey dated April 22, 1966 by Hugh E. Impey D.L.S. corrects location from D-2-61-10-116-30 to E-72-61-10-116-15

Dated at **Calgary** this **26** day of **April** 19 **66**

Signed by *Harner Raul*

Title **Geologist, J.C. Sproule and Associates Ltd.**

Company *Application agent for* **General Crude Oil Company**

(For Resource Management Division use only)

APPROVED

This application has been examined and approved:

Date **April 29**, 19 **66**

B. H. Shuman
Oil Conservation Engineer

Forms to be submitted in triplicate to the Oil Conservation Engineer, Calgary, Alberta.

File No.
Drilling Authority No. 229



DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES
RESOURCE MANAGEMENT DIVISION

Application to Amend a Drilling Authority

This application, in triplicate, must be submitted and approved before commencing operations. If the well location is changed, this application must be accompanied where required, with a plan of survey approved by the Surveyor General.

In compliance with the "Canada Oil and Gas Land Regulations", application is hereby made to amend Drilling Authority No. 229, concerning

Gen Crude-Ranvik-Chevron Desmarais Pt. D-2
(Name and Number of Well)

The following amendments are required:

Name and number of well... Gen. Crude-Ranvik-Chevron Desmarais Pt. E-72

Location: Unit E Section: 72 Grid 61-10-116-15

Latitude 61°01'17.69" North Longitude 116°29'42.05" West

From Established Reference Marker... Station 3065 N.U.T.

Latitude 61°01'25.868" North Longitude 116°28'54.389" West

Permit No. 4507

Permittee J. Ray McDermott & Co. Inc. and Teck Corporation Limited, the beneficial holders of the Permit registered in the name of Western Land

Reasons for the amendments: Services Ltd.

Plan of Survey dated April 22, 1966 by Hugh E. Impay D.L.S. corrects location from D-2-61-10-116-30 to E-72-61-10-116-15

Dated at Calgary, this 26 day of April, 1966

Signed by H. Westmore

Title Agent for Applicant

Company General Crude Oil Company

(For Resource Management Division use only)

APPROVED

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

Date April 29, 1966

Oil Conservation Engineer

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

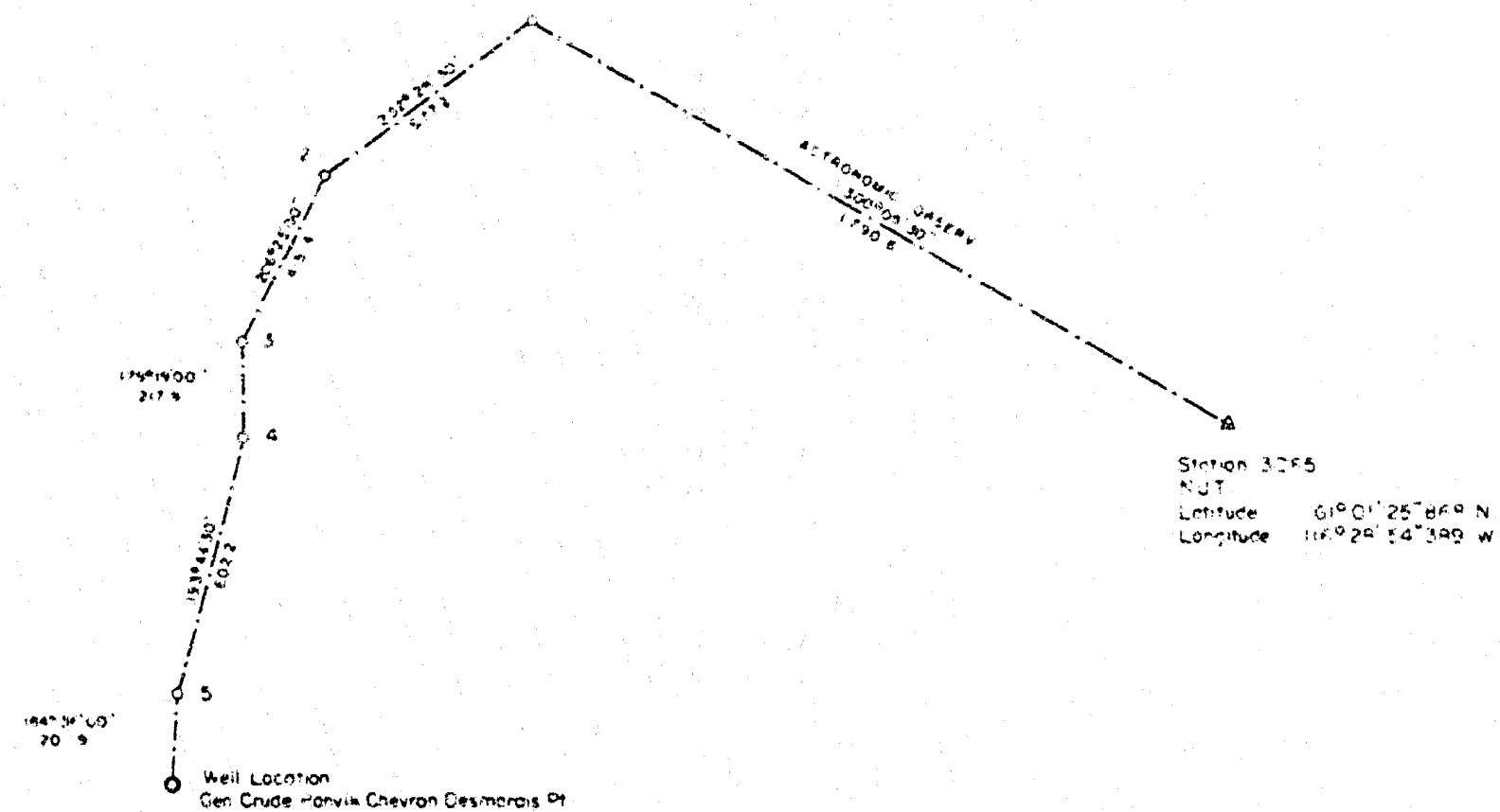
NANR 52-90-3 (7-65)

U.W.L.R. 61.021580E., 116.495010W.

PLAN OF SURVEY OF
 GEN. CRUDE RANVIK CHEVRON DESMARAIS PT.
 at Lat. $61^{\circ} 01' 17.69''$ N. Long. $116^{\circ} 29' 42.05''$ W.
 NORTHWEST TERRITORIES

SCALE 1" = 400'

Origin of Co-ordinates
 Station 3065 NUT
 Latitude $61^{\circ} 01' 25'' 968$ N
 Longitude $116^{\circ} 28' 54'' 399$ W



Certified correct ;
 Grande Prairie, Apr 22, 1966.

[Signature]
 Dominion Land Surveyor

SURVEY COMPLETED MAR. 29/1966

WHITE, HOSFORD & IMPEY LTD.
 Grande Prairie Whitehorse



DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES
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 Gen Crude - Ravvik-Chevron Desmarais Pt. D-2
Location: Unit D Section 2 Grid 61°10', 116°30'
Latitude 61°01'01" Longitude 116°31'30"
From Established Reference Marker Approximately 2 miles west-northwest of
Desmarais Pt., south shore of Great Slave Lake
Permit No. 3453 Lease No.

Chevron Standard Limited
(Permitter, Licensee, Lessee)

Date of commencement of proposed program..... March 17, 1966

OIL, GAS, AND WATER ENCOUNTERED (Depths)

Oil at
Gas at
Water at 1472'
Total Depth 1542' Date of last operations March 17, 1966
Present condition of well Hole full of drilling mud

CASING RECORD

Casing Size O.D. inches	Weight	Amount	Set At—	Back of Cement and Additives	Amount Pulled
1. <u>7</u>	<u>20-lb.</u>	<u>190.25</u>	<u>197.25</u>	<u>60 sx & 2% CaCl₂</u>	<u>Nil</u>
2.					
3.					
4.					
5.					

PROPOSED ABANDONMENT PROGRAM

No.	Plug	Geological Formation	Number of Sacks of Cement	Remarks
	Position			
<u>1</u>	<u>1542'-1170'</u>	<u>Chinchaga-Keg River -Pine Pt.</u>	<u>80</u>	
<u>2</u>	<u>750'-570'</u>	<u>Slave Point</u>	<u>40</u>	<u>Feel after 8 hours</u>
<u>3</u>	<u>250'-150'</u>	<u>Surface Casing Shoe</u>	<u>25</u>	<u>Feel after 8 hours</u>
<u>4</u>	<u>Top of Surface Casing</u>		<u>5</u>	<u>Weld steel plate on top of casing. Install 4"x2" riser with well name plate attached.</u>

The following logs have been run..... Induction Electrical; Sonic-Gamma Ray-Caliper
Other operations proposed.....

Operations to be carried out by Sedco Rig No. 75 Contractor Licence No. 24245
Address..... Desmarais Pt. Location Address 915-42 Avenue S.E., Calgary, Alta.
Responsible Agent in field..... Norman Soul, P. Geol. J.C. Sproule and Associates Ltd.
Dated at Hay River, N.W.T., this 17 Day of March, 19 66
Signed by Norman Soul Norman Soul Company..... J.C. Sproule and Associates Ltd.
Title..... Geologist Operator's Exploratory Licence No. 1011 (General Crude Oil
Company)

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

(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 March 17, 1966.

Dated 31st March, 19 66

B.H.J. Thoms
Oil Conservation Engineer

Forms to be submitted in triplicate to Oil Conservation Engineer, Calgary, Alberta



DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES
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 Gen. Crude-Ranvik-Chevron Desmarais Pt. D-2
Location: Unit D Section 2 Grid 61°10' 116°30'
Latitude 61°01'01" Longitude 116°31'30"
From Established Reference Marker Approximately 2 miles west-northwest of
Desmarais Pt., south shore Great Slave Lake
Elevation: Ground 535' K.B. 540' feet above sea-level.
Well is expected to produce from Presqu'ile or Kay River formation at a depth
of about 900' or 1,500 maximum feet.
Area assigned to well

(For Oil Conservation Engineer's use only)

Permit No. 3453 Lease No. 61,920
Permitter, licensee, or lessee The California Standard Company (now Chevron Standard Limited)
Exploratory Licence No. 927
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. <u>7</u>	<u>20</u>	<u>J-55</u>	<u>Mannesarum</u>	<u>New</u>	<u>200</u>	<u>50</u>
2.						
3.						
4.						
5.						

Expected water, gas, and oil horizons and type of control equipment Presqu'ile Formation
Controlled by mud weight and blow out preventors.

Well will be drilled with (Rotary) Rig No. 75 by Sedco Exploration Ltd.
(Cable) (Drilling Contractor or company)

915 - 42 Avenue S.E., Calgary, Alberta.

Responsible agent of applicant:— Contractor's Business Licence No. 24245
At well Norman Soul, P. Geol. H. Westmore
J.C. Spruce and Associates Registered office H. Westmore & Associates
Address 1009 Fourth Ave. S.W. Address 818 Eighth Avenue S.W.
Calgary, Alberta. Calgary, Alberta

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

Dated at Calgary, Alberta, this 28 day of January, 19 66

Signed by [Signature] Company General Crude Oil Company
Title Agent for Applicant Operator's Licence No. 1011

(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 28th January, 19 66

Oil Conservation Engineer [Signature]

THIS REPORT HAS BEEN PREPARED
FOR THE EXCLUSIVE USE OF:

General Crude Oil Company

COPY NO:

9

GEOLOGICAL AND ENGINEERING REPORT
GEN. CRUDE-RANVIK-CHEVRON DESMARAIS PT. E-72
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
AMHERST 9-7951

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INTRODUCTION

Gen. Crude-Ranvik-Chevron Desmarais Pt. E-72 was the third and final well of the 1966 exploration program carried out along the southwest shore of Great Slave Lake, Northwest Territories, west of the town of Hay River. An access road was built 14 miles northwest from the General Crude Reef Creek G-15 test.

The closest tests are Briggs Great Slave Lake No. 1, located eight miles to the southwest, and California Standard Big Island G-56, located the same distance to the northwest.

The well was drilled by Sedco Exploration Ltd. Rig No. 75. Operations were supervised by J. C. Sproule and Associates Ltd. for the operator, General Crude Oil Company of Houston, Texas. Partners in the operation were Ranvik Oils Limited, Ridgefield Development Limited and Chevron Standard Limited.

SECTION ISUMMARY OF WELL DATA

Well Name: Gen. Crude-Ranvik Chevron Desmarais Pt. E-72

Permittee: * J. Ray McDermott & Co. Inc. and Teck Corporation Limited, the beneficial holders of the Permit registered in the name of Western Land Services Ltd.

Name of Operator: General Crude Oil Company, Houston, Texas.

Location: E-72-61-10-116-15
Lat. 61°01'17.69" N., Long. 116°29'42.05" W.

Permit No.: 4507

Drilling Contractor: Sedco Exploration Ltd. Rig No. 75, Rotary GD 2000

Drilling Authority: No. 229, January 28, 1966. Amended April 29, 1966.

Classification: Wildcat.

Elevations: Ground - 520' (est.) - 2' above the ice level on Great Slave Lake.
K.B. - 527' (7' above ground level).

Date Spudded: February 28, 1966.

Date Completed Drilling: March 17, 1966.

Total Depth: Driller - 1,542'. Logs - 1,544'.

Status: Plugged and abandoned.

Date Rig Released: March 18, 1966.

No. of Rig Days: 19

Drilling Data:

<u>Hole Size</u> Inches	<u>Depth</u>	
	<u>From</u> Feet	<u>To</u> Feet
9	Surface	210
6 1/4	210	1542

Casing: Surface - 6 joints (190.25'), 7", 20-lb./ft., J-55, Rge. 2, new Japanese casing landed at 197.25' K.B. Cemented with 60 sacks and 2% CaCl₂. Plug down at 10:00 a.m., March 1, 1966.

* Drilled in error on Permit 4507.

SECTION IIGEOLOGICAL SUMMARYGEN. CRUDE-RANVIK-CHEVRON DESMARAIS PT. E-72Formation Tops:

	<u>Samples</u> Feet	<u>Log</u> Feet	<u>Elevation</u> Feet
Fort Simpson Formation	260	245	+282
Slave Point Formation	600	608	-81
Sulphur Point Formation	827	825	-298
Pine Point Formation			
Buffalo River Member	902	900	-373
Bituminous Limestone Member	1,026	1,030	-503
Granular Limestone Member	1,200	1,208	-681
Dense Limestone Member	1,310	1,306	-779
Lonely Bay Formation	1,470	1,472	-945
Chinchaga Formation	1,520	1,520	-993

Cored Intervals:

<u>Interval</u> Feet	<u>Formation</u>	<u>Recovery</u> Feet
650-680	Slave Point	30.0
680-710	Slave Point	30.0
710-740	Slave Point	30.0
745-758	Slave Point	13.0
758-777	Slave Point	18.5
777-796	Slave Point	19.0
796-809	Slave Point	13.0
809-839	Slave Point-Sulphur Point	30.0
839-869	Sulphur Point	30.0
872-902	Sulphur Point	30.0
902-932	Pine Point	30.0

Core Description:

<u>Interval</u> Feet	<u>Thickness</u> Feet	<u>Description</u>
<u>CORE NO. 1 - 650'-680'. Recovery - 30'</u>		
650-680	30.0	Limestone, buff to light brown, dense to microcrystalline, prominent stylolitic partings, mostly tight with small scattered vugs. Bleeding live oil from 653'-654', 656', and from 679'-680'.

<u>Interval</u> Feet	<u>Thickness</u> Feet	<u>Description</u>
		<u>CORE NO. 2 - 680'-710'. Recovery - 30'.</u>
680-710	30.0	Limestone, buff, dense, stylolitic partings, hard and tight. Oil stained and bleeding live oil from 680'-683.5'. Irregular fractures from 695'-700'.
		<u>CORE NO. 3 - 710'-740'. Recovery - 30'.</u>
710-720	10.0	Limestone, light greyish buff, oolitic, hard and tight.
720-740	20.0	Limestone, grey to buff, dense, stylolitic partings, irregularly fractured at base.
		<u>CORE NO. 4 - 745'-758' (core jammed in barrel). Recovery - 13'.</u>
745-758	13.0	Limestone, grey to buff, dense, stylolitic partings, hard and tight, irregularly fractured from 750'-755'.
		<u>CORE NO. 5 - 758'-777' (kelly down). Recovery - 18.5'.</u>
758-776.5	18.5	Limestone, grey to buff, dense, stylolitic partings, hard and tight.
		<u>CORE NO. 6 - 777'-796' (core jammed in barrel). Recovery - 19'.</u>
777-796	19.0	Limestone, buff to brown, dense, stylolitic partings, hard and tight.
		<u>CORE NO. 7 - 796'-809' (kelly down). Recovery - 13'.</u>
796-800	4.0	Limestone, brown, dense, hard and tight.
800-809	9.0	Limestone, as above, with prominent stylolitic partings and corals.
		<u>CORE NO. 8 - 809'-839'. Recovery - 30'.</u>
809-827	18.0	Limestone, as immediately above.
		<u>Sulphur Point Formation</u>
827-832	5.0	Limestone, buff, brown and grey, brecciated.
832-839	7.0	Limestone, buff, dense, stylolitic partings.
		<u>CORE NO. 9 - 839'-869'. Recovery - 30'.</u>
839-852	13.0	Limestone, grey to buff, dense, stylolitic partings.

<u>Interval</u> Feet	<u>Thickness</u> Feet	<u>Description</u>
852-869	17.0	Limestone, greyish white to grey, stromatoporoidal, dense. <u>CORE NO. 10 - 872'-902'. Recovery - 30'.</u>
872-890	18.0	Limestone, greyish white to cream, dense, made up predominantly of branching stromatopora.
890-902	12.0	Limestone, brown and grey, brecciated. <u>CORE NO. 11 - 902'-932'.</u> <u>Pine Point Formation - 902'</u>
902-932	30.0	Limestone, dark brown, dense, fossiliferous, argillaceous.

Coring Time Record:

<u>Interval</u> Feet	<u>Time in Minutes per Foot</u>
	<u>CORE NO. 1 - 650'-680'. Recovery - 30'.</u>
650-660	12, 7, 7, 6, 4, 5, 5, 8, 9, 9.
660-670	9, 8, 10, 8, 9, 10, 9, 8, 8, 9.
670-680	9, 8, 8, 8, 9, 9, 9, 8, 8, 8.
	<u>CORE NO. 2 - 680'-710'. Recovery - 30'.</u>
680-690	5, 6, 5, 5, 6, 7, 8, 7, 7, 8.
690-700	7, 7, 5, 6, 6, 5, 6, 5, 5, 4.
700-710	5, 5, 7, 6, 5, 5, 4, 4, 4, 5.
	<u>CORE NO. 3 - 710'-740'. Recovery - 30'.</u>
710-720	10, 12, 13, 9, 9, 8, 9, 12, 7, 8.
720-730	8, 8, 9, 9, 10, 8, 8, 8, 7, 7.
730-740	8, 7, 8, 7, 9, 9, 7, 7, 6, 7.
	<u>CORE NO. 4 - 745'-758'. Recovery - 13'.</u>
745-755	8, 5, 4, 5, 6, 7, 5, 6, 7, 9.
755-758	15, 9, 15.
	<u>CORE NO. 5 - 758'-777'. Recovery - 18.5'.</u>
758-768	10, 8, 7, 8, 8, 12, 6, 6, 7, 5.
768-777	6, 5, 5, 5, 6, 5, 6, 5, 6.

Coring Time Record - Continued

<u>Interval</u> Feet	<u>Time in Minutes per Foot</u>
<u>CORE NO. 6 - 777'-796'. Recovery 19'.</u>	
777-787	5, 9, 8, 7, 8, 6, 6, 6, 5, 6.
787-796	7, 5, 6, 6, 6, 5, 6, 5, 10.
<u>CORE NO. 7 - 796'-809'. Recovery - 13'.</u>	
796-806	11, 6, 6, 5, 5, 6, 6, 9, 7, 7.
806-809	5, 6, 5.
<u>CORE NO. 8 - 809'-839'. Recovery 30'.</u>	
809-819	10, 5, 7, 7, 9, 6, 6, 6, 6, 8.
819-829	7, 6, 6, 8, 8, 7, 8, 9, 7, 12.
829-839	7, 5, 5, 7, 7, 6, 7, 6, 7, 7.
<u>CORE NO. 9 - 839'-869'. Recovery - 30'.</u>	
839-849	5, 6, 7, 5, 5, 8, 8, 6, 6, 6.
849-859	6, 5, 5, 5, 5, 5, 5, 5, 4, 4.
859-869	5, 4, 5, 5, 5, 4, 4, 3, 6, 5.
<u>CORE NO. 10 - 872'-902'. Recovery 30'.</u>	
872-882	13, 7, 7, 8, 7, 6, 7, 6, 7, 6.
882-892	8, 9, 8, 7, 7, 7, 8, 6, 7, 7.
892-902	7, 7, 5, 6, 7, 8, 6, 7, 6, 9.
<u>CORE NO. 11 - 902'-932'.</u>	
902-912	9, 7, 6, 5, 5, 7, 6, 8, 9, 7.
912-922	6, 6, 8, 8, 7, 7, 8, 8, 8, 10.
922-932	8, 8, 8, 7, 6, 5, 3, 9, 16, 10.

Sample Description: Location
Elevation - 527' K.B.
Examined by - Norman Soul, P. Geol.

<u>Depth</u> Feet	<u>Description</u>
7-30	Clay, sand and gravel.
30-40	Gravel.
40-150	Clay, sand and gravel.
150-170	Gravel.

Sample Description - Continued

<u>Depth Feet</u>	<u>Description</u>
170-200	Sand and fine gravel.
200-210	No sample.
210-260	Gravel.
260-460	Shale, greenish grey, calcareous. Gravel cavings from above due to parted surface casing.
460-580	Shale, dark grey, slightly calcareous and shale, greenish grey, calcareous, as above. Gravel cavings, as above. Samples very poor quality.
580-590	Limestone, medium grey, microcrystalline with abundant finely disseminated pyrite. Gravel cavings, as above. Poor sample.
590-600	Shale, medium grey, slightly calcareous, pyritic. Gravel cavings, as above. Poor sample.
<u>SLAVE POINT FORMATION - 608' Logs</u>	
600-610	Shale, as above. Limestone, greyish white to light grey, fine-grained, traces of poor porosity after fossils, traces of oil staining, pyritic. Poor sample.
610-630	Limestone, greyish white to light brown, fine-grained, traces of poor porosity after fossils, pyritic. Poor samples.
630-635	Limestone, buff to light brown, fine-grained.
635-645	Limestone, greyish white to light buff, dense to microgranular.
645-650	Limestone, light greyish buff, microgranular to fossiliferous fragmental, poor to fair intergranular and vuggy porosity, traces of oil staining.
650-740	Cored. See Core Description.
<u>Cuttings from reamed core hole.</u>	
650-680	Limestone, grey to buff and light brown, dense to microcrystalline, stylolitic partings, traces of oil staining in small vugs, traces of poor porosity.
680-710	Limestone, buff, dense, hard and tight, stylolitic partings.
710-720	Limestone, light greyish buff, oolitic and pelletoid.
720-740	Limestone, light greyish buff, dense, calcite veinlets, stylolitic partings, pyritic in part.

Sample Description - Continued

<u>Depth Feet</u>	<u>Description</u>
740-745	Drilled. Limestone, light greyish buff, dense to microcrystalline, calcite veinlets, stylolitic partings, minor pyrite.
745-932	Cored. See Core Description. <u>Cuttings from reamed core hole.</u>
745-750	Limestone, light grey, dense to cryptocrystalline, scattered small vugs, traces of oil staining, stylolitic partings, coarse pyrite crystals.
750-790	Limestone, light grey to light buff, dense to cryptocrystalline, coarse pyrite crystals, hard and tight.
790-810	Limestone, light grey to buff, dense to microgranular, minor pyrite.
810-830	Limestone, buff, dense to microcrystalline, stylolitic partings. <u>Sulphur Point Formation - 825' Logs</u>
830-850	Limestone, cream to light buff, microcrystalline, stromatopora, traces of poor porosity.
850-860	Limestone, buff, dense to microgranular.
860-870	Limestone, cream to buff, stromatoporoidal.
872-932	Cored. See Core Description. <u>Cuttings from reamed core hole to 930'.</u>
870-890	Limestone, greyish white to cream, stromatoporoidal.
890-900	Limestone, light brown, dense to granular. Minor dolomite, greyish white, coarsely crystalline. <u>Pine Point Formation - Buffalo River Member - 900' Logs</u>
900-950	Limestone, dark brown, dense, fossiliferous, argillaceous.
950-1026	Limestone, brown to dark brown, mottled, dense, argillaceous, fossiliferous, with prominent partings of shale, dark brown, bituminous, slightly calcareous. <u>Bituminous Limestone Member - 1,030' Logs</u>
1026-1030	Limestone, dark brown, dense, bituminous.
1030-1040	Limestone, dark brownish grey to dark greenish grey, argillaceous, dense.

Sample Description - Continued

<u>Depth Feet</u>	<u>Description</u>
1040-1090	Limestone, dark brown, dense, bituminous. Limestone, dark brownish grey to dark greenish grey, argillaceous, dense; very finely disseminated pyrite.
1090-1110	Limestone, light greyish brown, dense to cryptocrystalline, pseudo-oolitic in part.
1110-1120	Limestone, dark brown, dense.
1120-1160	Limestone, dark brown, dense, bituminous.
1160-1170	Limestone, dark brown, dense, slightly argillaceous and bituminous.
1170-1190	Limestone, as above. Shale, dark greenish grey, non-calcareous.
1190-1200	Limestone, dark brownish grey, bituminous, argillaceous.

Granular Limestone Member - 1,208' Logs

1200-1210	Limestone, grayish brown to dark brown, granular, pyritic, fossiliferous. Shale, dark brownish black, bituminous, slightly calcareous.
1210-1220	Limestone, buff to dark brown, mottled in part, granular to dense, very fossiliferous.
1220-1230	Shale, dark brown, bituminous, calcareous. Limestone, as above.
1230-1240	Limestone, buff to brown, mottled, granular, with partings of dark brown, bituminous shale. Minor dolomite, brown, fine-grained, pyritic, earthy.
1240-1250	Limestone, buff to brown, granular to fossiliferous fragmental.
1250-1260	Limestone, buff to brown, microgranular to fragmental, traces of porosity, fossiliferous.
1260-1270	Limestone, brown to dark brown, mottled, dense to microgranular, fossiliferous, partings of dark brown bituminous shale.
1270-1300	Limestone, buff to dark brown, mottled, granular to fragmental, fossiliferous, partings of dark brown bituminous shale.
1300-1310	Limestone, brown, dense to microgranular, argillaceous, bituminous.

Dense Limestone Member - 1,306' Logs

1310-1320	Limestone, brown, dense, fossiliferous.
1320-1330	Limestone, brown, dense.

Sample Description - Continued

<u>Depth</u> <u>Feet</u>	<u>Description</u>
1330-1340	Limestone, brown, mottled, dense to microgranular.
1340-1360	Limestone, brown, dense to microgranular.
1360-1370	Limestone, light brown, microgranular, fossiliferous.
1370-1380	Limestone, buff to dark brown, mottled in part, dense to microgranular, fossiliferous.
1380-1400	Limestone, dark brown, dense, fossiliferous.
1400-1420	Limestone, brown to dark brown, mottled, dense to microgranular. Shale, dark greenish grey and dark green, non-calcareous.
1420-1430	Limestone, brown, dense to microgranular.
1430-1470	Limestone, brown to dark brown, dense, argillaceous in part.
<u>Lonely Bay Formation - 1,472' Log</u>	
1470-1480	Dolomite, dark brown, finely crystalline, good intercrystalline porosity.
1480-1500	Dolomite, buff to brown, microcrystalline to finely crystalline, poor to fair porosity.
1500-1510	Dolomite, brown to dark brown, finely crystalline, fair to good porosity.
1510-1520	Dolomite, brown to dark brown, fine-grained, no apparent porosity.
<u>Chinchaga Formation - 1,520 Log</u>	
1520-1528	Limestone, greyish white to light grey, dense.
1528-1540	Limestone, dark brown, dense, argillaceous.
1542	Total Depth.

SECTION IIIENGINEERING SUMMARY
DAILY CHRONOLOGICAL REPORTGEN. CRUDE-RANVIK-CHEVRON DESMARAIS PT. E-72

<u>Date</u> 1966	<u>Day</u>	<u>Depth</u>		<u>Progress</u> Feet	<u>Remarks</u>
		<u>From</u> Feet	<u>To</u> Feet		
					Operations ending at 12:00 midnight.
Feb. 28	1	7	165	158	Sedco Rig No. 75 spudded at 5:30 a.m. Drilled 9" hole with Bit No. 1A to 69' at 5:00 p.m. Made trip for Bit No. 2A. Drilling 9" hole with Bit No. 2A from 6:15 p.m. Working on pump 2 3/4 hours.
Mar. 1	2	165	210	45	Drilled 9" hole to 210' with Bit No. 2A at 3:45 a.m. Made two dummy trips and reamed each single to 5:30 a.m. Ran 6 joints (188.95') of 7", 20-lb., new Japanese casing with Davis guide shoe from 6:00 a.m. to 7:15 a.m. Landed casing at 197.25' K.B. and cemented by Sedco with 60 sacks and 2% CaCl ₂ . Plug down at 10:00 a.m. Standing cemented.
Mar. 2	3	210	409	199	Drilled through shoe at 2:00 p.m. Drilling 6 1/4" hole with Bit No. 1 from 2:15 p.m.
Mar. 3	4	409	630	221	Drilled to 582' with Bit No. 1 at 1:00 p.m. Made trip for Bit No. 2. Drilled to 630' with Bit No. 2 from 3:15 p.m. to 7:15 p.m. Circulated. Out of hole at 9:00 p.m. Running DST No. 1. Made up testing tool at midnight.
Mar. 4	5	630	630	0	Testing tool hung up in surface casing at 116' K.B. Pulled out of hole at 2:00 a.m. Ran in with 6 1/4" bit to bottom of surface casing and pulled out. Ran DST No. 1, 600'-630'. Tool on bottom at 7:15 a.m. Initial shut-in 30 mins. Flow period 60 mins. Final shut-in 60 mins. Pulled loose at 10:15 a.m. Out of hole at 12:30 p.m. Ran in with bit and determined that surface casing had parted at 120' K.B. Repairing sand line clutch from 2:00 p.m.

Daily Chronological Report - Continued

<u>Date</u> 1966	<u>Day</u>	<u>Depth</u>		<u>Progress</u> Feet	<u>Remarks</u>
		<u>From</u> Feet	<u>To</u> Feet		
Mar. 5	6	630	630	0	Ran in to 120', closed BOP and circulated casing to 3:00 a.m. Removed BOP and pulled 3 joints of casing. Ran casing back in and screwed into casing, which had dropped 21'. Pulled 3 joints of casing and welded third and fourth joints. Ran casing to 197' K.B. at 11:15 a.m. Circulated. Cemented casing by Sedco with 60 sacks and 2% CaCl ₂ . Plug down at 1:00 p.m. Standing cemented.
Mar. 6	7	630	675	45	Ran in with Bit No. 3. Drilled plug and cement from 11:45 a.m. to 1:30 p.m. Ran to bottom, mixed mud and conditioned hole. Drilled from 630'-650' with Bit No. 3 from 3:45 p.m. to 5:00 p.m. Pulled out to core. Cutting Core No. 1 from 650' from 8:30 p.m.
Mar. 7	8	675	710	35	Finished cutting Core No. 1, 650'-680' at 12:30 a.m. Out at 3:30 a.m. Reamed core hole with Bit No. 3 from 7:00 a.m. to 8:00 a.m. Cut Core No. 2, 680'-710', from 11:30 a.m. to 2:15 p.m. Cut at 4:15 p.m. Reamed core hole with Bit No. 3 from 6:30 p.m. to 7:45 p.m. Circulated, worked on pump, mixed mud and conditioned hole to 10:00 p.m. Out of hole at 11:00 p.m. Running in with core barrel.
Mar. 8	9	710	758	48	Cut Core No. 3, 710'-740', from 12:45 a.m. to 5:30 a.m. Out at 6:45 a.m. Ran in with Bit No. 3, mixed mud, conditioned hole and reamed core hole from 10:30 a.m. to noon. Drilled 5' (740'-745') to 12:30 p.m. Mixed mud to 1:30 p.m. Out of hole at 2:30 p.m. Ran in with core barrel and circulated. Well starting to flow. Mixed mud to kill flowing well. Cut Core No. 4, 745'-758' from 7:15 p.m. to 8:45 p.m. Core jammed in barrel. Out at 10:30 p.m. Repaired air line. Running in with core barrel.
Mar. 9	10	758	809	51	Cut Core No. 5, 758'-777' (kelly down) from 12:15 a.m. to 2:15 a.m. Out at 4:15 a.m. Reamed core hole with Bit No. 3 from 4:45 a.m. to 5:45 a.m. Conditioned hole to 7:15 a.m. Out of hole at 9:00 a.m. Cut Core No. 6, 777'-796' from 11:30 a.m.

Daily Chronological Report - Continued

<u>Date</u> 1966	<u>Day</u>	<u>Depth</u>		<u>Progress</u> Feet	<u>Remarks</u>
		<u>From</u> Feet	<u>To</u> Feet		
Mar. 9	-	Continued			to 1:30 p.m. Core jammed in barrel. Out at 3:45 p.m. Cut Core No. 7, 796'-809' (kelly down) from 5:00 p.m. to 6:30 p.m. Out at 8:00 p.m. Reamed core hole with Bit No. 3 from 10:00 p.m. to 11:00 p.m. Pulled out of hole at midnight.
Mar. 10	11	809	869	60	Cut Core No. 8, 809'-839', from 1:45 a.m. to 5:15 a.m. Out at 6:45 a.m. Reamed core hole with Bit No. 3 from 7:15 a.m. to 8:30 a.m. Mixed mud and conditioned hole. Cut Core No. 9, 839'-869', from 4:45 p.m. to 7:30 p.m. Out at 9:00 p.m. Reaming core hole with Bit No. 3 from 11:30 p.m.
Mar. 11	12	869	932	63	Finished reaming core hole at 12:30 a.m. Drilled 3' from 869'-872' to 1:00 a.m. Cut Core No. 10, 872'-902' from 4:15 a.m. to 7:45 a.m. Out at 10:00 a.m. Reamed core hole with Bit No. 3 from 1:45 p.m. to 3:30 p.m. Cut Core No. 11, 902'-932' from 7:15 p.m. to 11:00 p.m. Pulling Core No. 11.
Mar. 12	13	932	966	34	Core No. 11 out at 12:30 a.m. Repaired clutch. Ran in with Bit No. 4 and reamed 90' of tight hole. Reamed core hole with Bit No. 4 from 3:00 p.m. to 4:45 p.m. Drilled from 932'-943' with Bit No. 4 at 6:45 p.m. Made trip for Bit No. 5. Drilling with Bit No. 5 from 9:45 p.m.
Mar. 13	14	966	1107	141	Drilled to 1,026' with Bit No. 5 at 10:15 a.m. Made trip for Bit No. 6. Drilled to 1,088' with Bit No. 6 from noon to 7:30 p.m. Made trip for Bit No. 7. Drilling with Bit No. 7 from 9:30 p.m.
Mar. 14	15	1107	1235	128	Drilled to 1,154' with Bit No. 7 at 9:30 a.m. Repaired kelly hose and worked on pump 3 1/4 hours. Made trip for Bit No. 8. Drilling with Bit No. 8 from noon. Repairs and conditioning mud 2 hours.

Daily Chronological Report - Continued

<u>Date</u> 1966	<u>Day</u>	<u>Depth</u>		<u>Progress</u> Feet	<u>Remarks</u>
		<u>From</u> Feet	<u>To</u> Feet		
Mar. 9	- Continued				to 1:30 p.m. Core jammed in barrel. Out at 3:45 p.m. Cut Core No. 7, 796'-809' (kelly down) from 5:00 p.m. to 6:30 p.m. Out at 8:00 p.m. Reamed core hole with Bit No. 3 from 10:00 p.m. to 11:00 p.m. Pulled out of hole at midnight.
Mar. 10	11	809	869	60	Cut Core No. 8, 809'-839', from 1:45 a.m. to 5:15 a.m. Out at 6:45 a.m. Reamed core hole with Bit No. 3 from 7:15 a.m. to 8:30 a.m. Mixed mud and conditioned hole. Cut Core No. 9, 839'-869', from 4:45 p.m. to 7:30 p.m. Out at 9:00 p.m. Reaming core hole with Bit No. 3 from 11:30 p.m.
Mar. 11	12	869	932	63	Finished reaming core hole at 12:30 a.m. Drilled 3' from 869'-872' to 1:00 a.m. Cut Core No. 10, 872'-902' from 4:15 a.m. to 7:45 a.m. Out at 10:00 a.m. Reamed core hole with Bit No. 3 from 1:45 p.m. to 3:30 p.m. Cut Core No. 11, 902'-932' from 7:15 p.m. to 11:00 p.m. Pulling Core No. 11.
Mar. 12	13	932	966	34	Core No. 11 out at 12:30 a.m. Repaired clutch. Ran in with Bit No. 4 and reamed 90' of tight hole. Reamed core hole with Bit No. 4 from 3:00 p.m. to 4:45 p.m. Drilled from 932'-943' with Bit No. 4 at 6:45 p.m. Made trip for Bit No. 5. Drilling with Bit No. 5 from 9:45 p.m.
Mar. 13	14	966	1107	141	Drilled to 1,026' with Bit No. 5 at 10:15 a.m. Made trip for Bit No. 6. Drilled to 1,088' with Bit No. 6 from noon to 7:30 p.m. Made trip for Bit No. 7. Drilling with Bit No. 7 from 9:30 p.m.
Mar. 14	15	1107	1235	128	Drilled to 1,154' with Bit No. 7 at 9:30 a.m. Repaired kelly hose and worked on pump 3 1/4 hours. Made trip for Bit No. 8. Drilling with Bit No. 8 from noon. Repairs and conditioning mud 2 hours.

Daily Chronological Report - Continued

<u>Date</u> 1966	<u>Day</u>	<u>Depth</u>		<u>Progress</u> Feet	<u>Remarks</u>
		<u>From</u> Feet	<u>To</u> Feet		
Mar. 15	16	1235	1417	182	Drilled to 1,250' with Bit No. 8 at 1:45 a.m. Made trip for Bit No. 9. Drilled to 1,345' with Bit No. 9 from 3:30 a.m. to 2:15 p.m. Made trip for Bit No. 10. Drilling with Bit No. 10 from 5:00 p.m.
Mar. 16	17	1417	1528	111	Drilled to 1,470' with Bit No. 10 at 7:00 a.m. Made trip for Bit No. 11. Drilled to 1,528' with Bit No. 11 from 8:30 a.m. to 2:45 p.m. Out of hole at 4:00 p.m. Ran DST No. 2 from 1,468'-1,528'. Tester started in hole at 5:00 p.m. On bottom at 7:00 p.m. Initial shut-in 30 mins. Flow period 60 mins. Final shut-in 60 mins. Pulled loose at 9:45 p.m. Out at 11:15 p.m. Laid down testing tool at midnight.
Mar. 17	18	1528	1542	14	Drilled from 1,528'-1,542' with Bit No. 12 from 1:15 a.m. to 5:00 a.m. Circulated 1/2 hour. Out of hole at 6:15 a.m. Ran Schlumberger Sonic-Gamma Ray-Caliper and Induction Electrical logs to noon. Total depth 1,544' by Schlumberger. Set Plug No. 1, 80 sacks, from 1,542'-1,170'. In place at 5:45 p.m. Set Plug No. 2, 40 sacks and one sack CaCl ₂ , from 750'-570'. In place at 6:45 p.m. Laid down drill pipe. Standing cemented.
Mar. 18	19	1542 - F.T.D.			Felt top of Plug No. 2 at 565' at 3:15 a.m. Set Plug No. 3, 25 sacks and one sack CaCl ₂ , from 250'-150'. In place at 4:15 a.m. Felt top of Plug No. 3 at 145' at 12:45 p.m. Spotted 5 sacks cement in top of surface casing. Welded steel plate on top of casing. Installed 4' x 2" riser with well name plate attached. Rig released at 4:00 p.m.

Report on Drill Stem Tests:

No. 1 - 600'-630'. Slave Point Formation. Initial shut-in - 30 mins.
 Flow period - 60 mins.
 Final shut-in 60 mins.

Report on Drill Stem Tests - Continued

No. 1 - Continued

Recovered two gallons drilling mud.

Pressures

Initial Hydrostatic - 301 psi
 Initial Shut-in - 269 psi
 Initial Flow - 23 psi
 Final Flow - 25 psi
 Final Shut-in - 243 psi
 Final Hydrostatic - 296 psi

No. 2 - 1,468'-1,528'. Lonely Bay. Initial shut-in - 30 mins.

Flow period - 60 mins.

Final shut-in - 60 mins.

Recovered 290' sulphurous salt water + 1070' drilling fluid

Pressures

Initial Hydrostatic - 831 psi
 Initial Shut-in - 746 psi
 Initial Flow - 464 psi
 Final Flow - 729 psi
 Final Shut-in - 746 psi
 Final Hydrostatic - 831 psi

Field pressures

Pipe Tally: Ran 6 joints (188.95') of 7", J-55, 20-lb., Rge 2, 8 rd thread,
 new Japanese casing with Davis guide shoe.

Joint No.	Length Feet
1	31.60
2	29.15
3	30.40
4	32.05
5	33.65
6	32.10
	188.95
Guide Shoe	1.30
	190.25

CASING AND CEMENT REPORT

16.

Well Name: GEN. CRUDE-RANVIK-CHEVRON DESMARAIS PT. E-72 Date: March 1, 1966

Casing Record: (Show complete details for each type of casing run in mixed strings.)

Time Casing Started in Hole: 6:00 a.m. Time finished running casing: 7:15 a.m.

SIZE O. D.	WEIGHT LB./FT.	GRADE	RANGE 1, 2 OR 3	COUPLING LONG / SHORT	THREAD	MAKE	NO. OF JOINTS	AMOUNT
7"	20	J-55	2	Short	8 rd	Japanese	6	188.95
TOTALS							6	188.95

Type of Shoe: Davis Guide Shoe Type of Collars: Length: 1.30

Stick-up on last joint of pipe: -- ft. Total length of pipe run: 190.25
 Make-up allowance: -- ft. Distance from K. B. to ground level: 7.0
 Total: -- ft. Pipe landed at: 197.25

CENTRALIZERS		
NO.	MAKE	LOCATION JOINTS

SCRATCHERS		
NO.	MAKE	LOCATION JOINTS

CEMENTING RECORD

No. of Sacks Cement Mixed: 60
 Weight of Slurry: 15.5
 % Aquagel Used: --
 % Calcium Chloride: 2
 Time Started Mix Cement: --
 Time Completed Mixing: 9:40 a.m.
 Time Started Pump Plug Down: 9:55 a.m.
 Time Plug On Bottom: 10:00 a.m.

Displacement Fluid Used (Bbls.):
 Max. Displacement Pressure:
 Plug Pump Pressure:
 Was Pressure Left On?
 How Much?
 Mud Weight --
 Viscosity
 Water Loss
 If Pressure Released,
 How Much Bled Back?

Remarks: (To include comments on tight hole, stuck pipe, etc.)
 Casing parted at 120' and dropped 21'. Pulled casing, re-ran casing and re-cemented with 60 sacks, March 5, 1966.

Bit Record:

No.	Size Inches	Make and Serial No.	Type	Depth		Footage	Hours	Condition
				In Feet	Out Feet			
1A	9	Reed (rerun) E16261	YT3	7	69	62	10 1/2	
2A	9	Reed E16033	YT3	69	210	141	7	
1	6 1/4	Reed E05057	YT3	210	582	372	22 1/4	
2	6 1/4	Reed E16145	YTL	582	630	48	3 3/4	
3	6 1/4	Reed E26029	YT1A	630	650	20	1 1/2	
4A	4 11/16	Christensen EC2513	Diamond	650	680	30	4	Core No.1
3	6 1/4	Reed E26029	YT1A	650	680	30	1	Reamed core hole.
4A	4 11/16			680	710	30	2 3/4	Core No.2
3	6 1/4			680	710	30	1 1/4	Reamed core hole.
4A	4 11/16			710	740	30	4 1/4	Core No.3
3	6 1/4			710	745	35	2	Reamed 30'.
4A	4 11/16			745	777	32	3 1/2	Cores Nos. 4 and 5.
3	6 1/4			745	777	32	1	Reamed 32'.
4A	4 11/16			777	809	32	3 1/2	Cores Nos. 6 and 7.
3	6 1/4			777	809	32	1	Reamed 32'.
4A	4 11/16			809	839	30	3 1/2	Core No.8.
3	6 1/4			809	839	30	1 1/4	Reamed 30'.
4A	4 11/16			839	869	30	2 3/4	Core No.9.
3	6 1/4			839	872	33	1 1/4	Reamed 30'.
4A	4 11/16			872	902	30	3 1/2	Core No.10.
3	6 1/4			872	902	30	1 3/4	Reamed 30'.
4A	4 11/16			902	932	30	3 3/4	Core No.11.
4	6 1/4	Reed E26343	YTL	902	943	41	3 1/2	Reamed 30'.
5	6 1/4	Reed E26028	YT1A	943	1026	83	12	
6	6 1/4	Reed E26025	YT1A	1026	1088	62	7 1/2	
7	6 1/4	Reed E26027	YT1A	1088	1154	66	9	
8	6 1/4	Reed E26020	YT1A	1154	1250	96	13	
9	6 1/4	Reed E26030	YT1A	1250	1345	95	10 1/4	
10	6 1/4	Reed E64478	YT3	1345	1470	125	13 1/4	
11	6 1/4	Reed E26022	YT1A	1470	1528	58	6 1/4	
12	6 1/4	HW61591	OSC-1G	1528	1542	14	3 3/4	

Mud Record:

<u>Date</u> 1966	<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>
Feb. 28	165					Gel 1,300 lb.
Mar. 1	210					-
Mar. 2	409					-
Mar. 3	630	9.6	33	55	12.0	-
Mar. 4	630					-
Mar. 5	630					-
Mar. 6	675	10.2	53			Gel 2,600 lb. Baroid 1,300 lb.
Mar. 7	710	10.1	53			Gel 3,000 lb. Baroid 1,500 lb.
Mar. 8	758	10.4	50			Gel 2,500 lb. Baroid 4,400 lb.
Mar. 9	809	10.2	46			Gel 1,200 lb. Baroid 1,000 lb.
Mar. 10	869	10.4	50			Gel 2,200 lb. Baroid 4,600 lb.
Mar. 11	932	11.0	45			Gel 600 lb. Baroid 3,200 lb.
Mar. 12	966	10.6	40			-
Mar. 13	1,107	10.6	43			-
Mar. 14	1,235	11.4	50			-
Mar. 15	1,417	11.0	41			-
Mar. 16	1,528	10.8	45			-
Mar. 17	1,542	10.8	40			-

Abandonment Plugs: Plug No. 1, March 17, 1966, 1,542'-1,170' - 80 sacks.
 Plug No. 2, March 17, 1966, 750'-570' - 40 sacks ^{Top felt} _{insg. C.C.C.} at 565'.
 Plug No. 3, March 18, 1966, 250'-150' - 25 sacks ^{Top felt} _{insg. C.C.C.} at 145'.
 Plug No. 4, March 18, 1966, 5 sacks in top of casing. Steel plate welded on top of casing.

SECTION IV

LOGS

March 17, 1966 - Schlumberger - Induction Electrical Log - 1,543'-197'.
 March 17, 1966 - Schlumberger - Sonic-Gamma Ray-Caliper Log - 1,542'-30'.

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

WATER ANALYSIS

Lab No. C66-226

Received: March 21, 1966
 Reported: March 28, 1966
 Well: Location: Gen. Crude Ranvik Chevron Desmatals Pt. 6/° 10', 116° 15' E-72

Operator: J.C. Sproule & Associates Ltd.
 Field or Area: Ranvik

Elev.: K.B. 520 ± Grd. Zone/Formation: Keg River

Method of Production: D.S.T. #2

Sample Interval: 1468' - 1528'

Sampled from: Top of testing tool

Sampled by: Norman Soul
 Date: March 16 1966

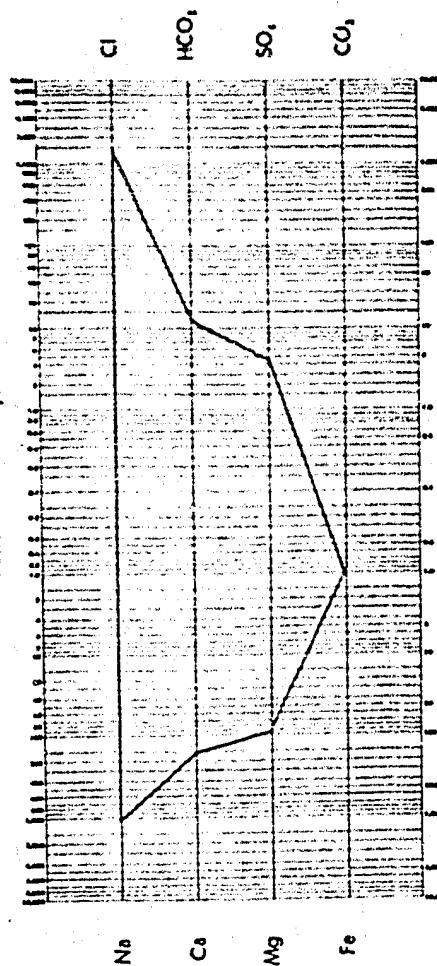
OTHER PERTINENT DATA Recovered 290'.

(Signed)

	Na & K	Ca	Mg		SO ₄	Cl	CO ₂	HCO ₃	
Mg./L	24.732	3.348	1.149		239	46,800		770	
Meq./L	1075.85	167.06	94.45		4.97	1319.76		12.63	
Meq. %	40.22	6.25	3.53		0.19	49.34		0.47	

Total Solids Mg/L: By Evaporation 80,490 Fe Trace Specific Gravity 1.038 @ 60°F Observed pH 6.5 @ 69 °F
 Calculated 77,038 After Ignition 69,840 H₂S Heavy Refractive Index @ 25°C Resistivity 0.103 ohm meters @ 65 °F

Pattern Unit Meq./L



Remarks and Conclusions

20.
 SECTION V

GEOLOGICAL AND ENGINEERING SUMMARY

Gen. Crude-Ranvik-Chevron Desmarais Pt. E-72 was spudded on February 28, 1966, and completed drilling at a total depth of 1,542 feet on March 17, 1966.

The top of the Slave Point Formation was picked at 608 feet. The interval from 600 feet to 630 feet was tested but failed to yield any gas, oil or water. Eleven cores were taken in the interval between 630 feet and 932 feet. The top of the Sulphur Point Formation was placed at 827 feet and the top of the Pine Point Formation at 902 feet. The Presqu'ile Formation is absent at this location.

Porosity and permeability in dark brown dolomite was observed in the cuttings from 1,470 feet to 1,520 feet. A drill stem test of the interval from 1,468 feet to 1,528 feet yielded 290 feet of salt water in one hour. This formation, from 1,472 feet to 1,520 feet, appears to correlate with the Lonely Bay Formation in the outcrop section and the Keg River Formation of the subsurface. The top of the Chinchaga Formation is placed at 1,520 feet.

The hole was logged by Schlumberger to total depth. 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 March 18, 1966.


Norman Soul, P. Geol.

NS/fc
1009 Fourth Avenue S. W.,
Calgary, Alberta.
April 11, 1966.



JOHNSTON TESTERS

Formation Test

TECHNICAL REPORT

CRUDE OIL COMPANY	AC
CRUDE RANVIA CHEVRON	TE
PARAIS PT. D-2 #61°-04'-	FE
116°-31'-30"-W DST# 1	BT



Formation Test

TECHNICAL REPORT

This Technical Report supplies complete field data on type and amount of formation fluid recovered, pressure recordings and description of all tools run. Obtaining this information with an open hole test provides the only dynamic evaluation of a formation before completing the well.

Johnston's Special Data Analysis provides valuable calculated data on reservoir pressure, flow capacity, effective permeability, well bore damage, radius of investigation, and potentiometric surface. Included also is a valuable written analysis of these data that can provide important help in planning your completion.

111-1001

[illegible]

FIELD REPORT NO. C-6888

INSTRUMENT NO.		AXI-2259	T-4911	FIELD REPORT NO. C-6888	
CAPACITY (GALLONS)		2300	3000		
INSTRUMENT DEPTH		608	613		
INSTRUMENT OPENING		OUTSIDE	OUTSIDE		
PRESSURE GRADIENT (PSI/FT)					
WELL TEMP. °F.		68°	68°	TIME DATA	
INITIAL HYDROSTATIC	A	301#	300#	TIME GIVEN	TIME COMPUTED
FIRST FLOW	B	22#	27#	MINS	MINS
INITIAL SHUT-IN	C	269#	272#	MINS	MINS
SECOND FLOW	D	23#	30#	MINS	MINS
D-1	E	25#	32#	MINS	MINS
SECOND SHUT-IN	F			MINS	MINS
THIRD FLOW	F			MINS	MINS
FINAL SHUT-IN	G	243#	257#	MINS	MINS
FINAL HYDROSTATIC	H	296#	298#	MINS	MINS
REMARKS.				CLOCK TRAVEL	IN/MIN

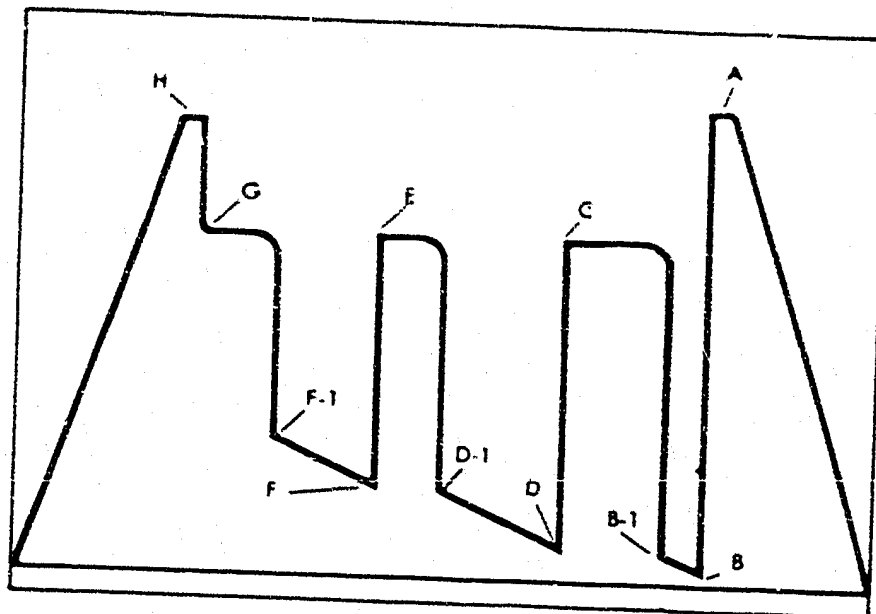
PRESSURE INCREMENTS

[illegible]



JOHNSTON TESTERS

GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS



- A. Initial Hyd. Mud
- B. First Flow
- C. Initial Shut-In
- D. Second Flow
- E. Second Shut-In
- F. Third Flow
- G. Final Shut-In
- H. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings (testing different zones).

- A-1, A-2, A-3, etc. Initial Hyd. Pressures
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- C, Initial Shut-In
- D-1, D-2, D-3, etc. Second Flow Pressures
- E, Second Shut-In
- F, F-1, F-2, Third Flow Pressures
- G, Final Shut-In
- H, Final Hyd. Pressures
- Z — Special pressure points such as pumping pressures recorded for formation breakdown.



JOHNSTON TESTERS LTD.

FIELD
REPORT NO

C-6888

RECORDER NO

AK1-2259

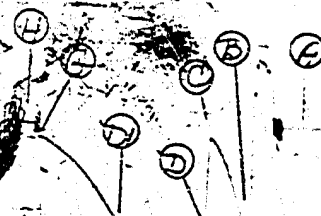
CAPACITY

2300

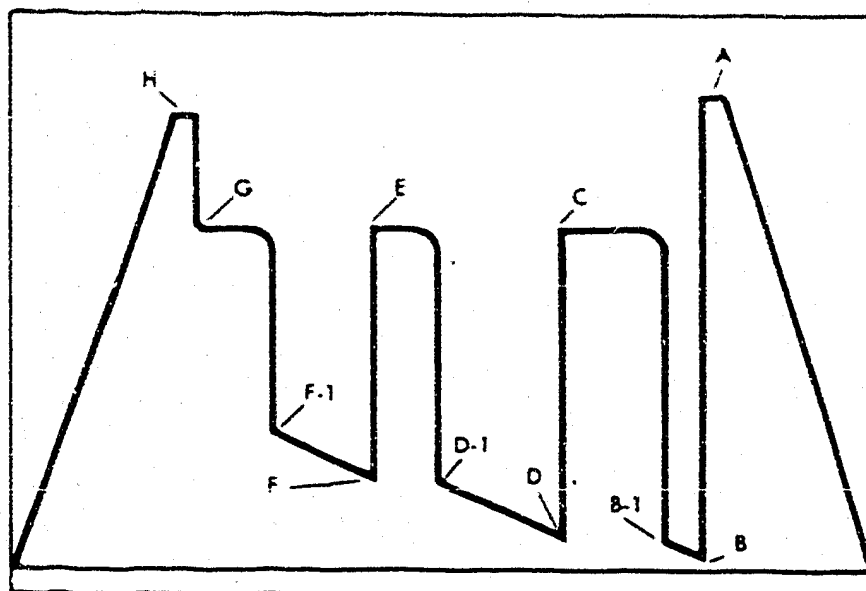
REPORTS
REQUESTED

10

C6888-AK-2259



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C-6888

RECORDER NO.

T-4911

CAPACITY

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C6888-T-4911





JOHNSTON TESTERS

Formation Test

TECHNICAL REPORT

GENERAL CRUDE OIL COMPANY
GEN CRUDE RANVIK CHEVRON
DESMARAIS PT D-2 #61°-04'-
01" N-116°-31'-30"-W

11/11/11



Formation Test *TECHNICAL REPORT*

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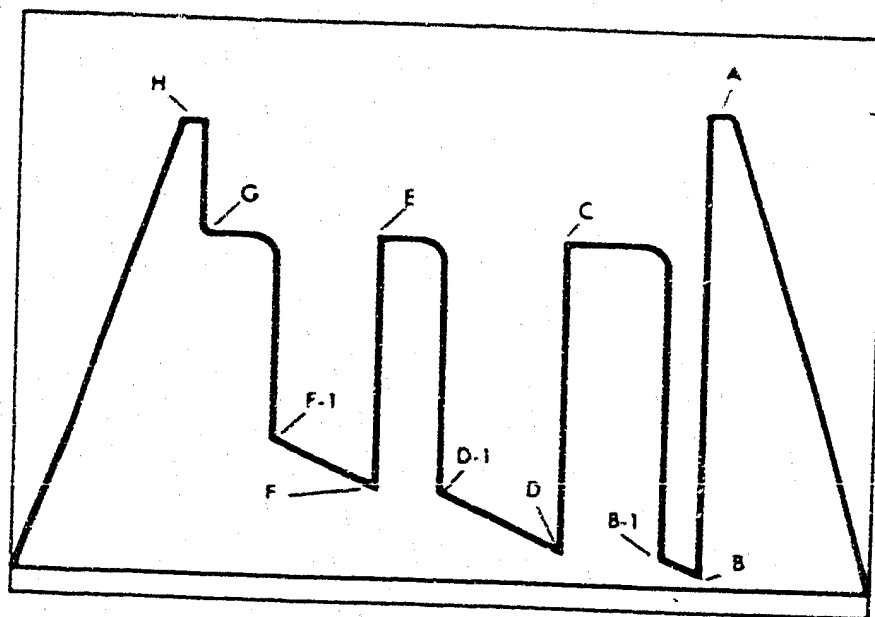
PRESSURE DATA

PRESSURE DATA			FIELD REPORT NO. C-6900	
INSTRUMENT NO.	AKI-2259	T-4911		
CAPACITY PSI	2300	3000		
INSTRUMENT DEPTH	1453	1458		
INSTRUMENT OPENING	OUTSIDE	OUTSIDE		
PRESSURE GRADIENT PSI/FT				
WELL TEM. °F	79°	79°	TIME DATA	
INITIAL HYDROSTATIC	A	835#	840#	
FIRST FLOW	B	416#	420#	
INITIAL SHUT-IN	C	741#	744#	
SECOND FLOW	D	485#	496#	
D-1		733#	733#	
SECOND SHUT-IN	E			
THIRD FLOW	F			
FINAL SHUT-IN	G	745#	748#	
FINAL HYDROSTATIC	H	834#	840#	
REMARKS:				

PRESSURE INCREMENTS

[illegible]

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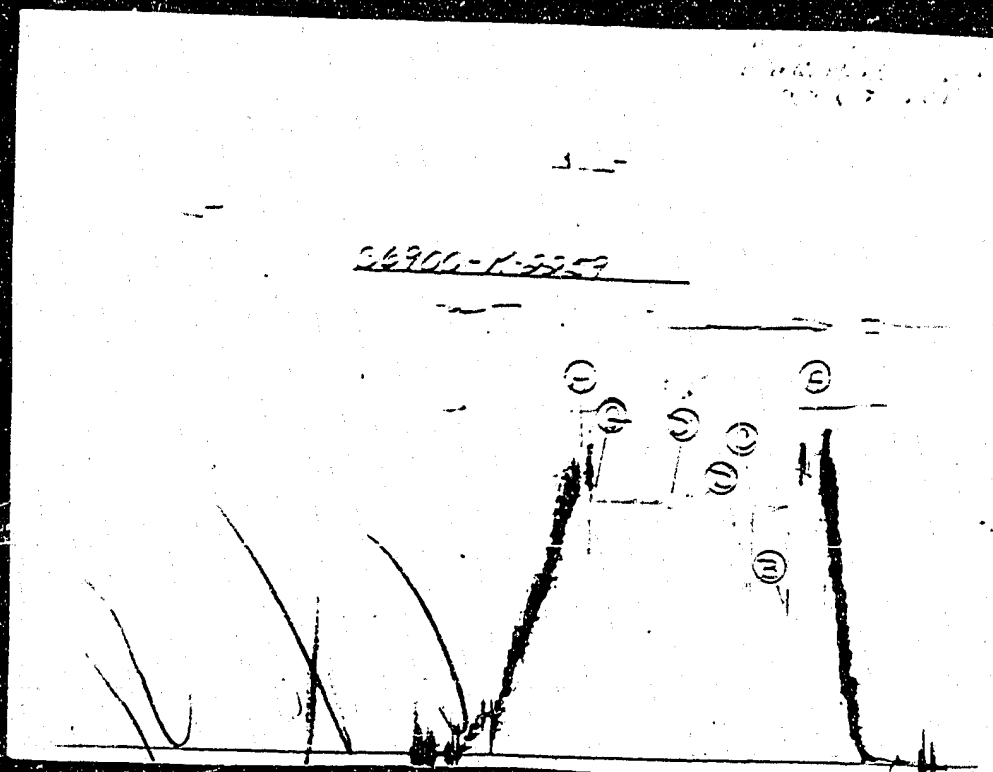
 **JOHNSTON TESTERS LTD.**

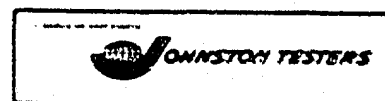
FIELD
REPORT NO.
C-6900

RECORDER NO.
AK1-2259

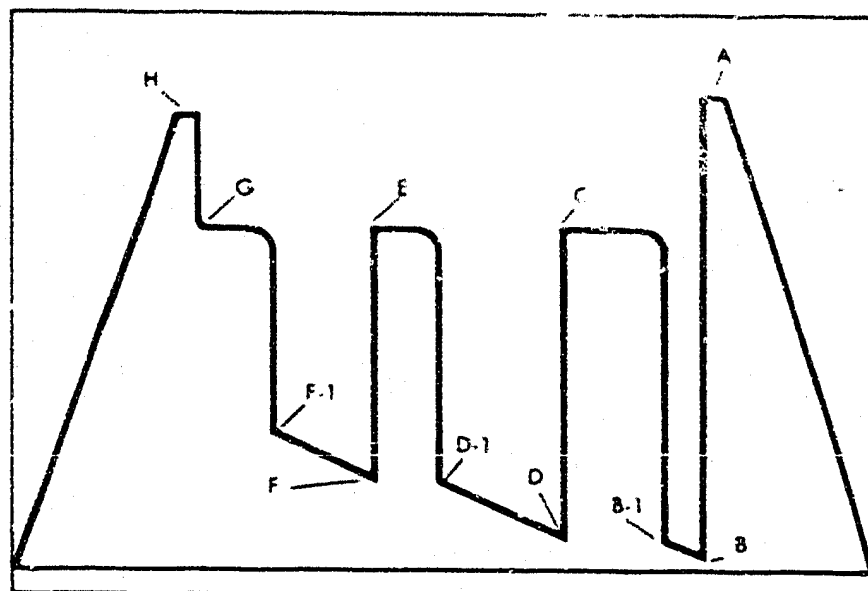
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FIELD
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RECORDER NO.

T-4911

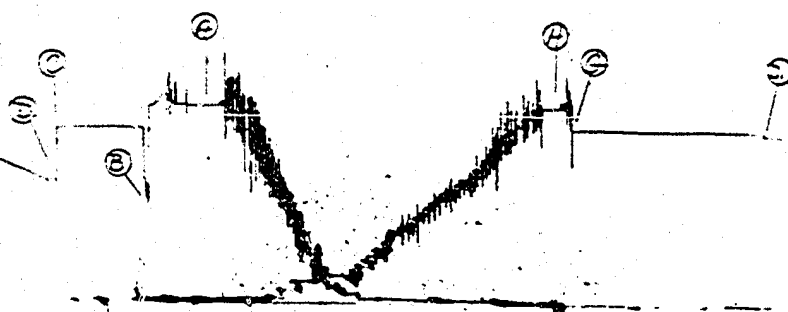
CAPACITY

3000

REPORTS
REQUESTED

10

C-6900-T-4911



DAILY DRILLING REPORT

DAY WORK RECORD

No 107

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 75 LOCATION Men Gude Barrook Chevron Desmarais PT. 02 AREA May River. DATE March 18/66

Tour — Midnight - 8 a.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (7000 lbs.)	Stands	Singles	DRILL COLLARS					C.B. Ft.	Subs Ft.	Ft. Up On Kelly	
Specify actual hours worked		Hrs.															
Driller	E. BOURIER	8	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES														
Derrick	J. MEDELEC	8															
Floor	G. MEDELEC	8															
Floor																	
Floor																	
Motor																	
Mechanic																	
Extra																	
Injuries:																	
Fires:																	
Tour — 8 a.m. to 4 p.m.			From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS					C.B. Ft.	Subs Ft.	Ft. Up On Kelly
Specify actual hours worked		Hrs.															
Driller	SCHNEIDER	12	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES														
Derrick	H. Burke	12															
Floor	K. Burke	12															
Floor	D. Gaudine	12															
Floor																	
Motor																	
Mechanic																	
Extra																	
Injuries:																	
Fires:																	
Tour — 4 p.m. to Midnight			From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS					C.B. Ft.	Subs Ft.	Ft. Up On Kelly
Specify actual hours worked		Hrs.															
Driller	E. BOURIER	4	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES														
Derrick	G. MEDELEC	4															
Floor	G. MEDELEC	4															
Floor																	
Floor																	
Motor																	
Mechanic																	
Extra																	
Injuries:																	
Fires:																	

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Totco Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____

B.O.P. Test-Operated	Time	Results
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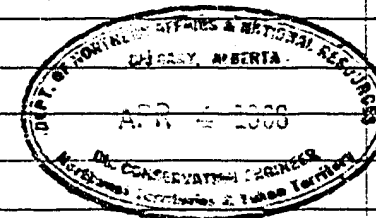
FORM E-2

Total Contractor Time _____ Hrs.

Total Company Time _____ Hrs.

Toolpusher D. Walle

Approved by.



SEDCO

DAILY DRILLING REPORT

DAY WORK RECORD

No. 106

RIG No. 75 LOCATION GEN CRUDE RANVICK CHEVRON DESMARAIS P.T. D2 AREA HAY RIVER DATE MARCH 17/66

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

Tour — Midnight - 8 a.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS				C.B. Ft.	Subs. Ft.	Ft. Up On Kelly																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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REMARKS	Time		
	Start	Stop	Interval
WAIT ON ORDERS	1200	1230	1/2
RUN IN TO DRILL AHEAD	1230	1:15	3/4
DRILL	1:15	5:00	3 3/4
CIRCULATE	5:00	5:30	1/2
PULL OUT TO LOG	5:30	6:15	3/4
Logging	6:15	8:00	1 3/4
GEN CRUDE RANVICK CHEVRON DESMARAIS PT. D2			
Logging	8:00	12:00	4
RUN IN HOPE TO CEMENT	12:00	1:15	1 1/4
CIRCULATE	1:15	1:30	1/4
PUMP OUT PIT	1:30	2:45	1 1/4
CIRCULATE	1:45	4:00	
CIRCULATE	4:00	5:00	1
MIX CEMENT plug #1 1170 TO 1542	5:00	5:45	3/4
Plug down 5:45 P.M. 80 SKS			
Pull out 24 singles lay down	5:45	6:30	3/4
MIX CEMENT plug #2 570 TO 750	6:30	6:45	1/4
Plug down 6:45 P.M. 40 SKS			
Lay down pipe	6:45	7:15	1/2
W.D.C.	7:15	12:00	4 3/4

Totco Ring on Bit No. D.P. Calipered Date Results From Pipe Rack
B.O.P. Test-Operated Time Results

Total Contractor Time Hrs. Toolpusher M. Wallis
Total Company Time 24 Hrs. Approved by Norman Doul

SEDCO

DAILY DRILLING REPORT

DAY WORK RECORD

No. 105

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 75 LOCATION Gen Grude RANVIK Chevron DESMARIS PT. D-2 AREA HAY RIVER DATE MARCH 16/66

Tour — Midnight - 8 a.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS				C.B. Ft.	Subs Ft.	Ft. Up On Kelly	
Specify actual hours worked									No.	O. D.	I. D.	Length	Wgt.			
Driller	<u>E. Poudrier</u>	<u>1417</u>	<u>53</u>	<u>1470</u>	<u>1/2</u>				<u>6</u>	<u>4 3/4</u>	<u>2 1/4</u>	<u>163.12</u>	<u>8000</u>			
Derrick	<u>B. NEDELEC</u>															
Floor	<u>B. NEDELEC</u>															
Floor																
Floor																
Motor																
Mechanic																
Extra																
Injuries:																
Fires:																

Tour — 8 a.m. to 4 p.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS				C.B. Ft.	Subs Ft.	Ft. Up On Kelly	
Specify actual hours worked									No.	O. D.	I. D.	Length	Wgt.			
Driller	<u>SCHNEIDER</u>	<u>1470</u>	<u>58</u>	<u>1528</u>	<u>6 1/4</u>			<u>42</u>	<u>6</u>	<u>4 3/4</u>	<u>2 1/4</u>	<u>163.62</u>			<u>9</u>	
Derrick	<u>H. Burke</u>															
Floor	<u>K. Burke</u>															
Floor	<u>D. Gooding</u>															
Floor																
Motor																
Mechanic																
Extra																
Injuries:																
Fires:																

Tour — 4 p.m. to Midnight		From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS				C.B. Ft.	Subs Ft.	Ft. Up On Kelly	
Specify actual hours worked									No.	O. D.	I. D.	Length	Wgt.			
Driller	<u>E. Poudrier</u>	<u>1528</u>	<u>-</u>	<u>1528</u>	<u>0</u>											
Derrick	<u>B. NEDELEC</u>															
Floor	<u>B. NEDELEC</u>															
Floor																
Floor																
Motor																
Mechanic																
Extra																
Injuries:																
Fires:																

REMARKS	Start	Time	Interval
DRLG WITH BIT NO. 10	12:00	5:00	5
WORK ON PUMPS	5:30	5:30	1/2
DRLO TO 1470'	5:30	6:45	1 1/4
TRIP FOR BIT # 11	6:45	8:00	1 1/4
GEN CRUDE RANVIK CHEVRON DESMARIS PT. D-2			
Company Time 8	Cont'r Time		
Rig service Check B.O.P.	8:00	8:30	1/2
DRLO TO 1528	8:30	2:45	6 1/4
Put test barrel together and run in hole	2:45	3:05	1/2
Pull out to test	2:45	4:00	1 1/4
Put test barrel together and run in hole	4:00	4:00	0
Company Time 8	Cont'r Time		
Put test barrel together and run in hole	4:00	7:00	3
Testing	7:00	9:30	2 1/2
PULL OUT + LAY DOWN PACKER	9:30	12:00	2 1/2
Company Time 8	Cont'r Time		

Totco Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____
 B.O.P. Test-Operated _____ Time _____ Results _____
 FORM E-2

Total Contractor Time _____ Hrs. Toolpusher W. W. W. W.
 Total Company Time 24 Hrs. Approved by Norman Seal

SEDCO

DAILY DRILLING REPORT

DAY WORK RECORD

No. 104

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 75 LOCATION Gen Crude RANVIK Chevron DESMARAIAS PT. D-2 AREA HAY RIVER DATE MARCH 15/66

Tour — Midnight - 8 a.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS					C.B. Ft.	Subs Ft.	Ft. Up On Kelly																																																												
Specify actual hours worked	Hrs.								No.	O. D.	I. D.	Length	Wgt.																																																															
Driller <u>E. POUDRIER</u>	8	1235	62	1297	6 1/2				6	4 3/4	2 1/4	163.62	8000																																																															
Derrick <u>G. NEDELEC</u>	8	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES																																																																										
Floor <u>G. NEDELEC</u>	8	<table border="1"> <thead> <tr> <th>No.</th> <th>Size</th> <th>Type & Jet Size</th> <th>Serial No.</th> <th>Weight</th> <th>R.P.M.</th> <th>Ft. Drilled</th> <th>Hrs.</th> <th>Feet Reamed</th> <th>Hrs.</th> <th>CONDITION</th> </tr> </thead> <tbody> <tr> <td>8</td> <td>6 1/4</td> <td>YT1A</td> <td>E26020</td> <td></td> <td></td> <td>96</td> <td>13</td> <td></td> <td></td> <td></td> </tr> <tr> <td>9</td> <td>6 1/4</td> <td>YT1A</td> <td>E26030</td> <td></td> <td></td> <td>46</td> <td>4 1/2</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>															No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION	8	6 1/4	YT1A	E26020			96	13				9	6 1/4	YT1A	E26030			46	4 1/2																														
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MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.	Additives	At Surveys Degree	MOTOR HOURS	Next Oil Change	FUEL																																																																			
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Driller <u>E. POUDRIER</u>	4	1345	72	1417	7				39	4 3/4	2 1/4	163.62	8000																																																															
Derrick <u>G. NEDELEC</u>	4	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES																																																																										
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MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.	Additives	At Surveys Degree	MOTOR HOURS	Next Oil Change	FUEL																																																																			
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REMARKS	Time		
	Start	Stop	Interval
DRLG To 1250'	1200	200	2
TRIP FOR NEW BIT #9	200	330	1 1/2
DRLG	330	800	4 1/2
GEN CRUDE RANVIK CHEVRON DESMARAIAS PT. D-2			
Company Time 8	Cont'r Time		
DRLG To 1297	800	945	1 1/2
Rig Service Check B.O.P	945	1015	3 1/2
DRLG To 1345'	1015	215	8 4
TRIP FOR NEW BIT #10	215	400	1 1/2
change oil filter in G.M			
Company Time 8	Cont'r Time		
Change oil filter in G.M	400	415	1/4
Work on pump	415	500	3/4
DRLG	500	1200	7
Company Time 8	Cont'r Time		

Totco Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____
 B.O.P. Test-Operated _____ Time _____ Results _____
 FORM E-2

Total Contractor Time _____ Hrs. Toolpusher Al. Watter
 Total Company Time 24 Hrs. Approved by Norman Reed

SEDCO

DAILY DRILLING REPORT

DAY WORK RECORD

No. 103

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 75 LOCATION Gen CRUDE RANVIK CHEVRON DESMARIS PT. D-2 AREA HAY RIVER DATE MARCH 14/66

Tour — Midnight - 8 a.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS				C.B. Ft.	Subs Ft.	Ft. Up On Kelly	
Specify actual hours worked		Hrs.	1107	1143	5				No.	O. D.	I. D.	Length	Wgt.			
Driller	E. Poudrier	8	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES													
Derrick	G. NEDELEC	8	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION			
Floor	G. NEDELEC	8	7	6 1/4	REED YTIA	E26027			55	7 1/2						
Floor																
Floor																
Motor																
Mechanic																
Extra																
Injuries:																
Fires:																
Tour — 8 a.m. to 4 p.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS				C.B. Ft.	Subs Ft.	Ft. Up On Kelly	
Specify actual hours worked		Hrs.	1143	43	1186	5 1/4		31	No.	O. D.	I. D.	Length	Wgt.			
Driller	SCHNEIDER	12	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES													
Derrick	H. Burke	12	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION			
Floor	K. Burke	12	7	6 1/4	REED YTIA	E26027			66	9						
Floor	P. Gooding	12	8	6 1/4	REED YTIA	E26020			32	4 1/4						
Floor																
Motor																
Mechanic																
Extra																
Injuries:																
Fires:																
Tour — 4 p.m. to Midnight		From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS				C.B. Ft.	Subs Ft.	Ft. Up On Kelly	
Specify actual hours worked		Hrs.	1186	49	1235	6 3/4			No.	O. D.	I. D.	Length	Wgt.			
Driller	E. Poudrier	4	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES													
Derrick	B. NEDELEC	4	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION			
Floor	G. NEDELEC	4	8	6 1/4	REED YTIA	E26020			81	11						
Floor																
Motor																
Mechanic																
Extra																
Injuries:																
Fires:																

REMARKS	Time		
	Start	Stop	Interval
DR LG	1200	200	2
REDHILL KILL HOSE + WORK ON PUMP	200	500	3
DR LG	500	800	3
GEN CRUDE RANVIK CHEVRON DESMARIS PT. D-2			
Company Time 85	Cont'r Time 3		
DR LG To 1154'	800	9:30	1 1/2
Trip for NEW BIT # 8	9:30	11:00	1 1/2
rig service check B.O.P	11:00	11:30	1/2
DR LG	11:30	11:45	1/4
WORK ON pump	11:45	12:00	1/4
DR LG	12:00	4:00	4
Company Time 8	Cont'r Time		
DR LG work ON pump	4:00	4:30	1/2
DR LG	4:30	5:00	1/2
put filter in G.M	5:00	5:15	1/4
DR LG	5:15	9:45	4 1/2
REPLACE SAND BIT ON POWER PLANT	9:45	10:15	1/2
+ CONDITION MUD			
DR LG WITH BIT NO 8	10:15	1200	1 3/4
Company Time 8	Cont'r Time		

Totco Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____

B.O.P. Test-Operated _____ Time _____ Results _____

FORM E-2

Total Contractor Time 3 Hrs.

Toolpusher

Total Company Time 21 Hrs.

Approved by

A. Watte

Romeo Seal

DAILY DRILLING REPORT

DAY WORK RECORD

No 102

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 75 LOCATION GEN GRANDE BARRIK CHEURON DEMARAS PT D-2 AREA HAY RIVER DATE MARCH 13/66

Tour — Midnight - 8 a.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS					C.B. Ft.	Subs Ft.	Ft. Up On Kelly		
Specify actual hours worked		Hrs.							No.	O. D.	I. D.	Length	Wgt.					
IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES																		
Driller	E. Poudrier	8	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION					
Derrick	G. NEDELEC	8	1	5	4 1/2 REEDY TIA	E26028			71	10 1/2								
Floor	G. NEDELEC	8	T															
			S															
Floor			MUD					12 Mn.	2 a.m.	4 a.m.	6 a.m.	Additives	At Surveys	Degree	MOTOR HOURS	Next Oil Change	FUEL	
Floor			WEIGHT					43			18.7					1		Gals.
Motor			VISCOSITY													2		WATER
Mechanic			GEL													3		Bbls.
Extra			Pump Pressure	Model												4		COAL
			Pump S.P.M.	Model												5		Tons
Injuries:			Pump Liner Size	Model														
Fires:			W.L.					F.C.	pH.	General								
Tour — 8 a.m. to 4 p.m.																		
Specify actual hours worked		Hrs.	From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS					C.B. Ft.	Subs Ft.	Ft. Up On Kelly	
										No.	O. D.	I. D.	Length	Wgt.				
IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES																		
Driller	SCHNEIDER.	12	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION					
Derrick	H. Burke	12	1	5	6 1/2 REEDY TIA	E26028			82	12								
Floor	K. Burke	12	T	6	6 1/2 REEDY TIA	E26025			45	4								
Floor	D. Goodine.	12	S															
Floor			MUD					8 a.m.	10 a.m.	12 noon	2 p.m.	Additives	At Surveys	Degree	MOTOR HOURS	Next Oil Change	FUEL	
Floor			WEIGHT							10.6		10.6				1		Gals.
Motor			VISCOSITY							43		43				2		WATER
Mechanic			GEL													3		Bbls.
Extra			Pump Pressure	Model												4		COAL
Injuries:			Pump S.P.M.	Model												5		Tons
Fires:			Pump Liner Size	Model														
Tour — 4 p.m. to Midnight																		
Specify actual hours worked		Hrs.	From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS					C.B. Ft.	Subs Ft.	Ft. Up On Kelly	
										No.	O. D.	I. D.	Length	Wgt.				
IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES																		
Driller	E. Poudrier	4	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION					
Derrick	G. NEDELEC	4	1	6	6 1/2 REEDY TIA	E26025			62	7 1/2								
Floor	G. NEDELEC	4	T	7	6 1/2 REEDY TIA	E26027			19	2 1/2								
Floor			S															
Floor			MUD					4 p.m.	6 p.m.	8 p.m.	10 p.m.	Additives	At Surveys	Degree	MOTOR HOURS	Next Oil Change	FUEL	
Floor			WEIGHT							10.6						1		Gals.
Motor			VISCOSITY							43						2		WATER
Mechanic			GEL													3		Bbls.
Extra			Pump Pressure	Model												4		COAL
Injuries:			Pump S.P.M.	Model												5		Tons
Fires:			Pump Liner Size	Model														
General																		
W.L. F.C. pH.																		

REMARKS	Time		
	Start	Stop	Interval
DRLG.	12 ⁰⁰	8 ⁰⁰	8
GEN CRUDE RANVIK CHEVRON DESMARAIS PT D-2			
Company Time 8 Cont'r Time			
fix rotary jake rig service check Q.V.P.	8:00	8:45	$\frac{3}{4}$
Drilling to 1026'	8:45	10:15	$1\frac{1}{2}$
Trip for new B.T. #1	10:15	12:00	$1\frac{3}{4}$
Drilling	12:00	4:00	4
Company Time Cont'r Time			
Drilling To 1088	4:00	7:30	$3\frac{1}{2}$
Trip for NEW BIT #7	7:30	9:30	2 ⁰⁰
DRLG	9:30	12 ⁰⁰	$2\frac{1}{2}$
Company Time Cont'r Time			

Totco Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____
B.O.P. Test-Operated _____ Time _____ Results _____
FORM S-2

Total Contractor Time _____ Hrs. Toolpusher W. Wells
Total Company Time _____ Hrs. Approved by Roman Paul

SEDCO

DAILY DRILLING REPORT

DAY WORK RECORD

No. 101

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 75 LOCATION GEN CRUDE RANVIK CHEVRON DESMARAIS PT. D-2 AREA HAY RIVER DATE MARCH 12/46

Tour — Midnight - 8 a.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS				C.B. Ft.	Subs Ft.	Ft. Up On Kelly	
Specify actual hours worked		Hrs.							No.	O. D.	I. D.	Length	Wgt.			
Driller	E. Poudrier	8	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES													
Derrick	G. NEDELEC	8														
Floor	G. NEDELEC	8														
Floor																
Floor																
Motor																
Mechanic																
Extra																
Injuries:																
Fires:																
Tour — 8 a.m. to 4 p.m.			From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS				C.B. Ft.	Subs Ft.	Ft. Up On Kelly
Specify actual hours worked		Hrs.								No.	O. D.	I. D.	Length	Wgt.		
Driller	SCHNEIDER	12	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES													
Derrick	H. Barthe	12														
Floor	H. Barthe	12														
Floor	D. Goodine	12														
Floor																
Motor																
Mechanic																
Extra																
Injuries:																
Fires:																
Tour — 4 p.m. to Midnight			From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS				C.B. Ft.	Subs Ft.	Ft. Up On Kelly
Specify actual hours worked		Hrs.								No.	O. D.	I. D.	Length	Wgt.		
Driller	E. Poudrier	4	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES													
Derrick	G. NEDELEC	4														
Floor	G. NEDELEC	4														
Floor																
Floor																
Motor																
Mechanic																
Extra																
Injuries:																
Fires:																

REMARKS	Time		
	Start	Stop	Interval
RECOVER CORE + 24' down barrel	12:00	1:00	
WORK ON HOISTING CLUTCH	1:00	8:00	
GEN CRUDE RANVIK CHEVRON DESMARAIS PT. D-2			
Company Time 1	Cont'r Time 7		
WORK ON HOISTING CLUTCH	8:00	12:00	4.
Rig SERVICE Check. B.O.P.			
Run in hole with Bit No 4	12:00	1:00	1
Ream 90 ft tight hole	1:00	3:00	2
ream 902 - 932	3:00	4:00	1
920' at 4:00 pm			
Company Time 4	Cont'r Time 4		
ream 902 - 932	4:00	4:45	3/4
WORK ON pump	4:45	5:15	1/2
Drilling with Bit No 4	5:15	7:00	1 3/4
Pull out	7:00	8:00	1
Rig SERVICE	8:00	8:30	1/2
Run in with Bit No 5	8:30	9:30	1
REG.	9:30	12:00	2 1/2
Company Time 9	Cont'r Time		

Totco Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____

B.O.P. Test-Operated _____ Time _____ Results _____

FORM E-2

Total Contractor Time 11 Hrs.

Toolpusher

Total Company Time 13 Hrs.

Approved by

O. J. P.
H. J. P.

SEDCO

DAILY DRILLING REPORT

DAY WORK RECORD

No. 100

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 75 LOCATION GEN CRUDE RANVIK CHEVRON DESMARIS PT. D-2 AREA HAY RIVER DATE MARCH 11/66

Tour — Midnight - 8 a.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS				C.B. Ft.	Subs Ft.	Ft. Up On Kelly
Specify actual hours worked	Hrs.								No.	O. D.	I. D.	Length	Wgt.		
Driller E. Poudrier	8	869	33	902	4 1/4										
Derrick G. NEDELEC	8														
Floor G. NEDELEC	8														
IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES															
		No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION			
		3	6 1/4	REEDYTH	E26029			28	2 1/4	2 1/4	8 1/4	CORED HOURS			
		3A	4 1/2	CHRISTENSEN	E02513	CURED		30	4	2 1/4		244 27 1/4			
		MUD 12 Mn. 2 a.m. 1 a.m. 6 a.m. Additives At Surveys Degree MOTOR HOURS Next Oil Change FUEL													
		WEIGHT		10.4	10.4										
		VISCOSITY		45	45										
		GEL													
		Pump Pressure	Model												
		Pump S.P.M.	Model												
		Pump Liner Size	Model												
		Size TRIPS No. Lines TON MILES TOTAL MILES Slip Feet or Cut Feet Left on Spool Next Slip													
		General													
		W.L.	F.C.	pH.											
Tour — 8 a.m. to 4 p.m.															
Specify actual hours worked	Hrs.	902		902	0				23						
Driller SCHWEIDER	12								6	4 1/2	2 1/4	163.62			29
Derrick H. Burke	12														
Floor K. Burke	12														
Floor D. Goodine	12														
IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES															
		No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION			
		3	6 1/2	Reed yTH	E26029			28	2 1/4	2 1/4	10	OUT OF GAUGE			
		MUD 8 a.m. 10 a.m. 12 noon 2 p.m. Additives At Surveys Degree MOTOR HOURS Next Oil Change FUEL													
		WEIGHT		10.6	10.6	600 lbs Hel									
		VISCOSITY		50	50	3200 lbs weight Mat.									
		GEL													
		Pump Pressure	Model												
		Pump S.P.M.	Model												
		Pump Liner Size	Model												
		Size TRIPS No. Lines TON MILES TOTAL MILES Slip Feet or Cut Feet Left on Spool Next Slip													
		General CORE NO 10 872-902 RECOVERY 30'													
		W.L.	F.C.	pH.											
Tour — 4 p.m. to Midnight															
Specify actual hours worked	Hrs.	902	30	932	4										
Driller E. Poudrier	11														
Derrick G. NEDELEC	11														
Floor G. NEDELEC	11														
IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES															
		No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION			
		3A	4 1/2	CHRISTENSEN	E02513	CORED		30	4			TOTAL CORED TOTAL HOURS			
												274	31 1/2		
		MUD 4 p.m. 6 p.m. 8 p.m. 10 p.m. Additives At Surveys Degree MOTOR HOURS Next Oil Change FUEL													
		WEIGHT		11											
		VISCOSITY		45											
		GEL													
		Pump Pressure	Model												
		Pump S.P.M.	Model												
		Pump Liner Size	Model												
		Size TRIPS No. Lines TON MILES TOTAL MILES Slip Feet or Cut Feet Left on Spool Next Slip													
		General													
		W.L.	F.C.	pH.											

REMARKS	Time		
	Start	Stop	Interval
REAM 860-869	1200	1230	1/2
CONNECTION	1230	1245	1/4
DRILL TO 872	1245	100	1/4
CIRCULATE	100	130	1/2
PULL OUT	130	230	1
Run in + circulate	230	400	1 1/2
CUTTING CORE # 10	400	800	1
GEN CRUDE RANVIK CHEVRON DESMARIS PT. D-2			
Company Time 8	Cont'r Time		
PULL OUT with core barrel	8:00	9:30	1 1/2
Rig SERVICE Check B.O.P.	9:30	10:00	1/2
Run in To ream	10:00	11:15	1 1/4
jet the pit mix mud work on pump	11:15	1:45	2 1/2
ream 872 - 902	1:45	3:30	1 3/4
CIRCULATE	3:30	3:45	1/4
PULL OUT TO CORE	3:45	4:00	1/4
G			
Company Time 8	Cont'r Time		
PULL OUT TO CORE	4:00	5:00	1
get ready + run in with core barrel	5:00	6:30	1 1/2
CUTTING CORE # 11	6:30	700	1/2
WORK ON PUMP	700	1100	4
CUTTING CORE # 11	700	1100	4
PULL OUT	1100	1200	1
Company Time 8	Cont'r Time		

Totco Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____
 B.O.P. Test-Operated _____ Time _____ Results _____
 FORM E-2

Total Contractor Time _____ Hrs. Toolpusher W. Watts
 Total Company Time 24 Hrs. Approved by Norman Bond

SEDCO

DAILY DRILLING REPORT

DAY WORK RECORD

No. 99

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 75 LOCATION GEN CRUDE RANVIK CHEVRON DESMARIS PT. D-2 AREA MAY RIVER DATE MARCH 10/66

Tour — Midnight - 8 a.m.	From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS				C.B. Ft.	Subs Ft.	Ft. Up On Kelly			
Specify actual hours worked	Hrs.	809	80	839	3 1/2			No.	O. D.	I. D.	Length	Wgt.					
Driller E. POUDRIER	8	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES															
Derrick G. NEDELEC	8	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION					
Floor G. NEDELEC	8	3	4 1/4	CHRISTENSEN	E02513	CORED		30	3 1/2			CORED	HOURS				
		3	6 1/4	REEDY TIA	E26029			25	2	178	6 3/4	184'	2 1/4				
								2									
Floor		MUD				12 Mn.	2 a.m.	4 a.m.	6 a.m.	Additives	At Surveys	Degree	MOTOR HOURS	Next Oil Change	FUEL		
Floor		WEIGHT											1		Gals.		
Motor		VISCOSITY											2		WATER		
Mechanic		GEL											3		Bbls.		
Extra		Pump Pressure	Model									4		COAL	Tons		
Injuries:		Pump S.P.M.	Model					Size	TRIPS	No. Lines	TON MILES	TOTAL MILES	Slip	Feet or	Cut		
Fires:		Pump Liner Size	Model					General CORE NO 8 809-839' RECOVERY 30'								Feet Left on Spool	Next Slip
		W.L.	F.C.	pH.													

REMARKS	Start	Stop	Interval
SERVICE BARREL + RUN IN	1200	130	1 1/2
CIRCULATE	130	145	1 1/4
CUTTING CORE # 8	145	5 15	3 1/2
PULL OUT AND RECOVER CORE	5 15	6 30	2 1/4
RUN IN TO REAM	6 30	7 15	3/4
REAMING 809-833 -	7 15	8 00	3/4
GEN CRUDE RANVIK CHEVRON DESMARIS PT. D-2			
Company Time	8	Cont'r Time	

Tour — 8 a.m. to 4 p.m.	From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS				C.B. Ft.	Subs Ft.	Ft. Up On Kelly			
Specify actual hours worked	Hrs.	839	0	839	0			No.	O. D.	I. D.	Length	Wgt.					
Driller SCHNEIDER	12	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES															
Derrick H. Burke	12	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION					
Floor K. Burke	12	3	6 1/4	Reedy TIA	E26029			25	2	184	7 1/4						
Floor D. Goodine	12																
		MUD				8 a.m.	10 a.m.	12 noon	2 p.m.	Additives	At Surveys	Degree	MOTOR HOURS	Next Oil Change	FUEL		
Floor		WEIGHT											1		Gals.		
Motor		VISCOSITY											2		WATER		
Mechanic		GEL											3		Bbls.		
Extra		Pump Pressure	Model									4		COAL	Tons		
Injuries:		Pump S.P.M.	Model					Size	TRIPS	No. Lines	TON MILES	TOTAL MILES	Slip	Feet or	Cut		
Fires:		Pump Liner Size	Model					General								Feet Left on Spool	Next Slip
		W.L.	F.C.	pH.													

REMARKS	Start	Stop	Interval
REAMING - 833-839	8:00	8:30	1/2
put NEW Piston	8:30		
in pump. Mixing mud + weight material via service		2:00	5 1/2
Pull out of hole to core	2:00	3:00	1
run in with core barrel	3:00	4:00	1
Company Time 8 Cont'r Time			

Tour — 4 p.m. to Midnight	From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS				C.B. Ft.	Subs Ft.	Ft. Up On Kelly			
Specify actual hours worked	Hrs.	839	30	869	2 3/4			No.	O. D.	I. D.	Length	Wgt.					
Driller E. POUDRIER	4	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES															
Derrick G. NEDELEC	4	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION					
Floor G. NEDELEC	4	3	4 1/4	CHRISTENSEN	E02513	CORED		30	2 1/4			CORED	HOURS				
		3	6 1/4	REEDY TIA	E26029			25	2			214	2 3/4				
												201	7 1/4				
Floor		MUD				4 p.m.	6 p.m.	8 p.m.	10 p.m.	Additives	At Surveys	Degree	MOTOR HOURS	Next Oil Change	FUEL		
Floor		WEIGHT											1		Gals.		
Motor		VISCOSITY											2		WATER		
Mechanic		GEL											3		Bbls.		
Extra		Pump Pressure	Model									4		COAL	Tons		
Injuries:		Pump S.P.M.	Model					Size	TRIPS	No. Lines	TON MILES	TOTAL MILES	Slip	Feet or	Cut		
Fires:		Pump Liner Size	Model					General CORE NO 9 839-869' RECOVERY 30'								Feet Left on Spool	Next Slip
		W.L.	F.C.	pH.													

REMARKS	Start	Stop	Interval
RUN IN WITH CORE BARREL	4:00	4:15	1/4
WORK ON PUMP	4:15	4:45	1/2
CUTTING CORE # 9	4:45	7:30	2 3/4
Pull out of hole with core barrel	7:30	9:15	1 3/4
RECOVER CORE			
RIP SERVICE	9:15	10:00	3/4
Run in + 8 1/2" No 3	10:00	11:30	1 1/2
RECOVER CORE			
Ream core hole (856' at midnight)	11:30	12:00	1/2
Company Time 8 Cont'r Time			

Totco Ring on Bit No. D.P. Calipered Date Results From Pipe Rack

B.O.P. Test-Operated Time Results

FORM E-2

Total Contractor Time Hrs.

Total Company Time 24 Hrs.

Toolpusher

Approved by

M. Watter
Norman Roub

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 75 LOCATION GEN CRUDE RANVIK CHEVRON DESMARAIS PT. D-2 AREA HAY RIVER DATE March 9/66

Tour — Midnight - 8 a.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS				C.B. Ft.	Subs Ft.	Ft. Up On Kelly				
Specify actual hours worked		7:58	19	777	2 1/2	8			No.	O. D.	I. D.	Length	Wgt.			28			
IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES																			
Driller	E. POUORIER	8																	
Derrick	G. NEDELEC	8																	
Floor	G. NEDELEC	8																	
			No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION						
			1	3/4	CHRISTENSEN	E02513	5000		19	2 1/2			CORED HOURS						
			2	1/2	REEDY TIA	E26029	1000		25	2	122	5	122 14 1/2						
			MUD				12 Mn.	2 a.m.	4 a.m.	6 a.m.	Additives			At Surveys Degree	MOTOR HOURS	Next Oil Change	FUEL		
			WEIGHT							9.5	GELL 1200 LBS				1		Gals.		
			VISCOSITY							37	WT. MATERIAL 1000				2		WATER		
			GEL												3		Bbls.		
			Pump Pressure	Model											4		COAL		
			Pump S.P.M.	Model											5		Tons		
			Pump Liner Size	Model											General				CORE NO 5 758'-777' RECOVERY 18.5'
			W.L.	F.C.	pH.														

REMARKS	Time		
	Start	Stop	Interval
CUTTING CORE #5	12:00	1:30	2 1/2
PULL AND RECOVER CORE	2:30	4:00	1 1/2
RUN IN WITH CORE BARREL 745'-777'	4:00	4:45	3/4
REAMING	4:45	5:45	1
CONDITION MUD	5:45	7:15	1 1/2
PULL OUT	7:15	8:00	3/4
GEN CRUDE RANVIK CHEVRON DESMARAIS PT. D-2			
Company Time 8 Cont'r Time			

Tour — 8 a.m. to 4 p.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS				C.B. Ft.	Subs Ft.	Ft. Up On Kelly				
Specify actual hours worked		7:22	19	796	2 1/2	5000			No.	O. D.	I. D.	Length	Wgt.		28				
IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES																			
Driller	SCHNEIDER	12																	
Derrick	H. Burke	12																	
Floor	R. Burke	12																	
Floor	D. Goodine	12																	
			No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION						
			1	3/4	CHRISTENSEN	E02513	CORED		19	2 1/2			CORED HOURS						
			2	1/2									141 16 1/2						
			MUD				8 a.m.	10 a.m.	12 noon	2 p.m.	Additives			At Surveys Degree	MOTOR HOURS	Next Oil Change	FUEL		
			WEIGHT							10.2					1		Gals.		
			VISCOSITY							47					2		WATER		
			GEL												3		Bbls.		
			Pump Pressure	Model											4		COAL		
			Pump S.P.M.	Model											5		Tons		
			Pump Liner Size	Model											General				CORE NO 6 777'-796' RECOVERY 19'
			W.L.	F.C.	pH.														

REMARKS	Time		
	Start	Stop	Interval
Pull out. To core	8:00	8:45	3/4
Rig SERVICE Check R.O.P	8:45	9:15	1/2
Set the pit	9:15	9:30	1/4
Work on pump	9:30	10:00	1/2
Get core barrel ready & run in hole.	10:00	11:00	1
Setting up clutch on pump	11:00	11:15	1/4
Cutting core #6	11:15	1:30	2 1/4
Pull out of hole with core barrel	1:30	3:45	
Run in with core barrel	3:45	4:00	
Company Time 8 Cont'r Time			

Tour — 4 p.m. to Midnight		From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS				C.B. Ft.	Subs Ft.	Ft. Up On Kelly				
Specify actual hours worked		7:46	13	809	1 1/2				No.	O. D.	I. D.	Length	Wgt.						
IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES																			
Driller	E. POUORIER	4																	
Derrick	G. NEDELEC	4																	
Floor	G. NEDELEC	4																	
Floor																			
			No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION						
			1	3/4	CHRISTENSEN	E02513	CORED		13	1 1/2			CORED HOURS						
			2	1/2	REEDY TIA	E26029			25	2	124	6	154 18						
			MUD				5 p.m.	6 p.m.	8 p.m.	10 p.m.	Additives			At Surveys Degree	MOTOR HOURS	Next Oil Change	FUEL		
			WEIGHT							10.3					1		Gals.		
			VISCOSITY							47					2		WATER		
			GEL												3		Bbls.		
			Pump Pressure	Model											4		COAL		
			Pump S.P.M.	Model											5		Tons		
			Pump Liner Size	Model											General				CORE NO 7 796'-809' RECOVERY 13'
			W.L.	F.C.	pH.														

REMARKS	Time		
	Start	Stop	Interval
Run in with core barrel	4:00	4:45	
CIRCULATING	4:45	5:00	
CUTTING CORE #7	5:00	6:30	
Pull out of hole with core barrel	6:30	8:00	1 1/2
RECOVER CORE			
R.O. SERVICE	8:00	8:30	1/2
Run in to REAM + WORK ON PUMP	8:30	10:00	1 1/2
REAMING 777-809	10:00	11:00	1
CIRCULATING	11:00	11:15	1/4
PULL OUT TO CORE	11:15	12:00	3/4
Company Time 8 Cont'r Time			

Totco Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____
 B.O.P. Test-Operated _____ Time _____ Results _____
 FORM E-2

Total Contractor Time _____ Hrs. Toolpusher A. Latta
 Total Company Time 24 Hrs. Approved by Ronan Ross

SEDCO

DAILY DRILLING REPORT

DAY WORK RECORD

No. 97

RIG No. 75 LOCATION GEN CRUDE RANVIK CHEVRON DESMARAIS AREA HAY RIVER DATE MARCH 8/66

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

Tour — Midnight - 8 a.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS				C.B. Ft.	Subs Ft.	Ft. Up On Kelly
Specify actual hours worked		Hrs.	710	30	740	4 1/2			No.	O. D.	I. D.	Length	Wgt.		
Driller	E. Poudrier	8	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES												
Derrick	G. NEDELEC	8	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION		
Floor	G. NEDELEC	8	1	3A 4 1/2	CHRISTENSEN	E02513			30	4 1/2			CORED	Hours	
Floor			T										90'	11	
Floor			S												
MUD		12 Mn.	2 a.m.	4 a.m.	6 a.m.	Additives			At Surveys Degree		MOTOR HOURS		Next Oil Change		FUEL
WEIGHT															
VISCOSITY															
GEL															
Pump Pressure	Model														
Pump S.P.M.	Model														
Pump Liner Size	Model														
Size		TRIPS	No. Lines	TON MILES	TOTAL MILES	Slip		Feet or	Cut	Feet Left on Spool		Next Slip			
General CORE No 3 710'-740' RECOVERY 30'															
W.L.		F.C.		pH.											

REMARKS	Time		
	Start	Stop	Interval
CIRCULATING	1200	1230	1/2
CUTTING CORE #3	1230	5:00	4 1/2
PULL OUT + RECOVER CORE	5:00	7:00	2
SERVICE CORE BARREL	7:00	8:00	1
GEN CRUDE RANVIK CHEVRON DESMARAIS PT. D-2			
Company Time 8 Cont'r Time			

Tour — 8 a.m. to 4 p.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS				C.B. Ft.	Subs Ft.	Ft. Up On Kelly
Specify actual hours worked		Hrs.	740	5	745	1/2			No.	O. D.	I. D.	Length	Wgt.		
Driller	SCHNEIDER	12	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES												
Derrick	H. Burke	12	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION		
Floor	K. Burke	12	1	3	6 1/2	Reed VTA	E26029		25	1/2			CORED	Hours	
Floor	D. Goodine	12	T	3A 4 1/2	CHRISTENSEN	E02513							90'	4	
Floor			S												
MUD		8 a.m.	10 a.m.	12 noon	2 p.m.	Additives			At Surveys Degree		MOTOR HOURS		Next Oil Change		FUEL
WEIGHT		10.2 700 lbs. Mel.													
VISCOSITY		47 1400 lbs. weight mat.													
GEL															
Pump Pressure	Model														
Pump S.P.M.	Model														
Pump Liner Size	Model														
Size		TRIPS	No. Lines	TON MILES	TOTAL MILES	Slip		Feet or	Cut	Feet Left on Spool		Next Slip			
General															
W.L.		F.C.		pH.											

REMARKS	Time		
	Start	Stop	Interval
Rig Service Check B.O.P.	8:00	8:30	1/2
Run in to ream	8:30	9:15	3/4
Mix mud	9:15	10:15	1
REAM 709 to 740	10:15	12:00	1 3/4
Drilling 740-745'	12:00	12:30	1/2
CIRCULATING	12:30	12:45	1/4
Mix mud	12:45	1:30	3/4
pull out of hole to core	1:30	2:30	1
get core barrel ready to run in	2:30	4:00	1 1/2
Company Time 8 Cont'r Time			

Tour — 4 p.m. to Midnight		From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS				C.B. Ft.	Subs Ft.	Ft. Up On Kelly
Specify actual hours worked		Hrs.	745	13	758	1 1/2			No.	O. D.	I. D.	Length	Wgt.		
Driller	E. Poudrier	4	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES												
Derrick	G. NEDELEC	4	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION		
Floor	G. NEDELEC	4	1	3A 4 1/2	CHRISTENSEN	E02513			13	1			CORED	Hours	
Floor			T										103'	12 1/2	
Floor			S												
MUD		4 p.m.	6 p.m.	7 p.m.	10 p.m.	Additives			At Surveys Degree		MOTOR HOURS		Next Oil Change		FUEL
WEIGHT		9.7 10.2 10.4 1800 lbs Mel													
VISCOSITY		40 45 50 3000 lbs weight mat													
GEL															
Pump Pressure	Model														
Pump S.P.M.	Model														
Pump Liner Size	Model														
Size		TRIPS	No. Lines	TON MILES	TOTAL MILES	Slip		Feet or	Cut	Feet Left on Spool		Next Slip			
General CORE No 4 745'-758' RECOVERY 13'															
W.L.		F.C.		pH.											

REMARKS	Time		
	Start	Stop	Interval
CIRCULATING Mix mud flowing well	4:00	4:30	1/2
WORK ON PUMP	4:30	5:00	1/2
CIRCULATING Mix mud flowing well	5:00	5:30	1/2
WORK ON PUMP	5:30	5:45	1/4
CIRCULATING Mix mud flowing well	5:45	7:00	
CUTTING CORE #4 BARREL	7:00	9:00	2
PULL + RECOVER CORE	9:00	10:30	1 1/2
REPAIR AIRLINE + run in with	10:30	11:00	1 1/2
Core barrel			
Company Time 8 Cont'r Time			

 Totco Ring on Bit No. D.P. Calipered Date Results From Pipe Rack
 B.O.P. Test-Operated Time Results
 FORM E-2

 Total Contractor Time 8 Hrs. Toolpusher M. Trath
 Total Company Time 29 Hrs. Approved by Norman Paul

SEDCO

DAILY DRILLING REPORT

DAY WORK RECORD

No. 96

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 75 LOCATION *Gen. Crude Ranvik Chevron Desmarais Pt. D-2* AREA *H.A. River* DATE *March 7/1964*

Tour — Midnight - 8 a.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS				C.B. Ft.	Subs Ft.	Ft. Up On Kelly
Specify actual hours worked		Hrs.	675	5	680	1/2			No.	O. D.	I. D.	Length	Wgt.		30
IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES															
Driller	<i>E. Poudrier</i>	8	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION		
Derrick	<i>G. Hedeker</i>	8	1	3 1/4	<i>Reed</i>	<i>E26029</i>			20	1 1/2	30	1			
Floor	<i>G. Hedeker</i>	8	2	3A 4 1/2	<i>Christensen</i>	<i>EC2513</i>			30	4					
MUD 12 Mn. 2 a.m. 4 a.m. 6 a.m. Additives															
At Surveys Degree															
MOTOR HOURS															
Next Oil Change															
FUEL															
WEIGHT															
VISCOSITY															
GEL															
Pump Pressure															
Model															
Pump S.P.M.															
Model															
Pump Liner Size															
Model															
General CORE NO 1 650'-680' RECOVERY 30'															
W.L. F.C. pH.															

Tour — 8 a.m. to 4 p.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS				C.B. Ft.	Subs Ft.	Ft. Up On Kelly
Specify actual hours worked		Hrs.	680	30	710				No.	O. D.	I. D.	Length	Wgt.		30
IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES															
Driller	<i>SCHNEIDER</i>	12	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION		
Derrick	<i>H. Burke</i>	12	1	3 1/4	<i>Reed</i>	<i>E26029</i>			20	1 1/2	30	1	CORED		
Floor	<i>K. Burke</i>	12	2	3A 4 1/2	<i>Christensen</i>	<i>EC2513</i>			30	4			60 634		
MUD 8 a.m. 10 a.m. 12 noon 2 p.m. Additives															
At Surveys Degree															
MOTOR HOURS															
Next Oil Change															
FUEL															
WEIGHT															
VISCOSITY															
GEL															
Pump Pressure															
Model															
Pump S.P.M.															
Model															
Pump Liner Size															
Model															
General CORE NO 2 680'-710' RECOVERY 30'															
W.L. F.C. pH.															

Tour — 4 p.m. to Midnight		From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS				C.B. Ft.	Subs Ft.	Ft. Up On Kelly
Specify actual hours worked		Hrs.	710	0	710				No.	O. D.	I. D.	Length	Wgt.		
IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES															
Driller	<i>E. Poudrier</i>	4	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION		
Derrick	<i>G. Hedeker</i>	4	1	3 1/4	<i>Reed</i>	<i>E26029</i>			20	1 1/2	30	1	2 1/2		
Floor	<i>G. Hedeker</i>	4	2	3A 4 1/2	<i>CHRISTENSEN</i>	<i>EC2513</i>									
MUD 4 p.m. 6 p.m. 8 p.m. 10 p.m. Additives															
At Surveys Degree															
MOTOR HOURS															
Next Oil Change															
FUEL															
WEIGHT															
VISCOSITY															
GEL															
Pump Pressure															
Model															
Pump S.P.M.															
Model															
Pump Liner Size															
Model															
General															
W.L. F.C. pH.															

REMARKS	Time		
	Start	Stop	Interval
<i>pull out of hole to core</i>	8:00	9:30	1 1/2
<i>run back in with core bar</i>	9:30	10:15	1/2
<i>Rig service</i>	10:15	10:45	1/2
<i>work on pump</i>	10:45	11:15	1/2
<i>circulating</i>	11:15	11:30	1/4
<i>coreing #2</i>	11:30	2:15	2 1/2
<i>pull out with core bar</i>	2:15	4:00	1 3/4
Company Time 8 Cont'r Time			
<i>run back in to ream. rig</i>	4:00	6:00	2
<i>work on Kelly clutch</i>	6:00	6:30	1/2
<i>ream from 650 to 709.46</i>	6:30	7:45	1 1/4
<i>circulating condition mud</i>	7:45	8:00	1/4
<i>work on pumps + Rig service</i>	8:00	8:30	1/2
<i>circulation mud</i>	8:30	10:00	1 1/2
<i>Pull out</i>	10:00	11:00	1
<i>Run in with CORE BARREL</i>	11:00	12:00	1
Company Time 8 Cont'r Time			

SEDCO

DAILY DRILLING REPORT

DAY WORK RECORD

No. 95

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 75 LOCATION GEN CRUDE RANVIK CHEVRON DESMARAIS PT. D-2 AREA HAY RIVER DATE MARCH 6/66

Tour — Midnight - 6 a.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS				C.B. Ft.	Subs Ft.	Ft. Up On Kelly											
Specify actual hours worked		630	0	630	0				No.	O. D.	I. D.	Length	Wgt.													
IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES																										
Driller	E. PONDRIER	8	No.		Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION												
Derrick	C. MEDELEC	8																								
Floor	C. MEDELEC	8																								
Floor			MUD		12 Mn.	2 a.m.	4 a.m.	6 a.m.	Additives				At Surveys Degree	MOTOR HOURS	Next Oil Change	FUEL										
Floor			WEIGHT												1		Gals.									
Motor			VISCOSITY												2		WATER									
Mechanic			GEL												3		Bbls.									
Extra			Pump Pressure	Model											4		COAL									
Injuries:			Pump S.P.M.	Model											5		Tons									
Fires:			Pump Liner Size	Model											Size			TRIPS	No. Lines	TON MILES	TOTAL MILES	Slip	Feet or	Cut	Feet Left on Spool	Next Slip
			General																							
			W.L. F.C. pH.																							

REMARKS	Time		
	Start	Stop	Interval
W.O.R.	1200	100	6
SLACK OFF + START HEADING	600	500	2
W.D.			
GEN CRUDE RANVIK CHEVRON DESMARAIS PT. D-2			
Company Time	8	Cont'r Time	

Tour — 8 a.m. to 4 p.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS				C.B. Ft.	Subs Ft.	Ft. Up On Kelly											
Specify actual hours worked		630	4	634					No.	O. D.	I. D.	Length	Wgt.													
IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES																										
Driller	SCHNEIDER	12	No.		Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION												
Derrick	H. Burke	12																								
Floor	K. Burke	12																								
Floor	D. Goodine	12																								
Floor			MUD		8 a.m.	10 a.m.	12 noon	2 p.m.	Additives				At Surveys Degree	MOTOR HOURS	Next Oil Change	FUEL										
Floor			WEIGHT												1		Gals.									
Motor			VISCOSITY												2		WATER									
Mechanic			GEL												3		Bbls.									
Extra			Pump Pressure	Model											4		COAL									
Injuries:			Pump S.P.M.	Model											5		Tons									
Fires:			Pump Liner Size	Model											Size			TRIPS	No. Lines	TON MILES	TOTAL MILES	Slip	Feet or	Cut	Feet Left on Spool	Next Slip
			General																							
			W.L. F.C. pH.																							

HEADING UP	8:00	11:45	2 3/4
Drilling out plug	11:45	1:30	1 1/2
run back in hole	1:30	2:00	1/2
pump out pit	2:00	2:30	1/2
Mix mud	2:30	3:30	1
drilling	3:30	4:00	1/2
Company Time	8	Cont'r Time	

Tour — 4 p.m. to Midnight		From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS				C.B. Ft.	Subs Ft.	Ft. Up On Kelly											
Specify actual hours worked		634	4 1/2	675	1				No.	O. D.	I. D.	Length	Wgt.													
IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES																										
Driller	E. PONDRIER	4	No.		Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION												
Derrick	G. MEDELEC	4																								
Floor	G. MEDELEC	4																								
Floor			MUD		4 p.m.	6 p.m.	8 p.m.	10 p.m.	Additives				At Surveys Degree	MOTOR HOURS	Next Oil Change	FUEL										
Floor			WEIGHT												1		Gals.									
Motor			VISCOSITY												2		WATER									
Mechanic			GEL												3		Bbls.									
Extra			Pump Pressure	Model											4		COAL									
Injuries:			Pump S.P.M.	Model											5		Tons									
Fires:			Pump Liner Size	Model											Size			TRIPS	No. Lines	TON MILES	TOTAL MILES	Slip	Feet or	Cut	Feet Left on Spool	Next Slip
			General																							
			W.L. F.C. pH.																							

drilling	4:00	5:00	1
CIRCULATING	5:00	5:55	1/4
pull out to circ. Kelly up 27.86	5:15	6:30	1 1/2
run in with core barrel	6:30	8:30	2
CUTTING CORE #1	8:30	12:00	3 1/2
Company Time	8	Cont'r Time	

Totco Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____
 B.O.P. Test-Operated _____ Time _____ Results _____
 FORM E-2

Total Contractor Time _____ Hrs. Toolpusher Al. Watter
 Total Company Time 24 Hrs. Approved by Norman Bond

SEDCO

DAILY DRILLING REPORT

DAY WORK RECORD

No. 94

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 75		LOCATION GEN CRUDE RANVIK		AREA H. RIVER		DATE MARCH 5/64						
Tour — Midnight - 8 a.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	C.B. Ft.	Subs Ft.	Ft. Up On Kelly
Specify actual hours worked									No. O. D. I. D. Length Wgt.			
Driller		IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES										
Derrick E. POUORIER		No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
Floor G. NEDELEC												
Floor G. NEDELEC												
Floor												
Motor												
Mechanic												
Extra												
Injuries:												
Fires:												
Tour — 8 a.m. to 4 p.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	C.B. Ft.	Subs Ft.	Ft. Up On Kelly
Specify actual hours worked									No. O. D. I. D. Length Wgt.			
Driller SCHNEIDER		IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES										
Derrick H. Burke		No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
Floor H. Burke												
Floor D. Godine												
Floor												
Motor												
Mechanic												
Extra												
Injuries:												
Fires:												
Tour — 4 p.m. to Midnight		From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS	C.B. Ft.	Subs Ft.	Ft. Up On Kelly
Specify actual hours worked									No. O. D. I. D. Length Wgt.			
Driller E. POUORIER		IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES										
Derrick G. NEDELEC		No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
Floor G. NEDELEC												
Floor												
Motor												
Mechanic												
Extra												
Injuries:												
Fires:												

REMARKS	Time		
	Start	Stop	Interval
Run in single shu B.O.P. + circulate casing	12:00	3:00	3
TAK OFF B.O.P.	3:00	5:30	2 1/2
Pull casing	5:30	8:00	2 1/2
GEN CRUDE RANVIK CHEVRON DESMARAIS PT. D-2			
Company Time 8	Cont'r Time		
Rig Service	8:00	8:30	1/2
Run whole To fish out	8:30	10:30	2
CASING			
Weld casing Together	10:30		
Run casing back in. circulating	12:15		1 3/4
Run cement.	12:15	12:45	1/2
605 lbs cement + 2% calcium.			
Plug down 12:45 P.M.			
W.O.C.	12:45	4:00	3 1/4
Company Time 8			
W.O.C.	4:00	8:00	8:00
Company Time 8			
Cont'r Time			

Totco Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____
 B.O.P. Test-Operated _____ Time _____ Results _____
 FORM E-2

Total Contractor Time _____ Hrs. Toolpusher *Al. Walter*
 Total Company Time 24 Hrs. Approved by *Norman Seal*

DAILY DRILLING REPORT

DAY WORK RECORD

93

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 75 LOCATION Gen Crude Pumping Chevron Dr. Group #1 D-2 AREA Hay River DATE March 4/66

Tour — Midnight - 8 a.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS					C.B. Ft.	Subs Ft.	Ft. Up Kelly							
Specify actual hours worked		Hrs.							No.	O. D.	I. D.	Length	Wgt.										
Driller	E. POUORIER	8	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES																				
Derrick	G. NEDELEC	8	B	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION									
Floor	G. NEDELEC	8	I																				
Floor	R. CORRIGAL	8	T																				
Floor			S																				
			MUD										12 Mn.	2 a.m.	4 a.m.	6 a.m.	Additives	At Surveys	Degree	MOTOR HOURS	Next Oil Change	FUEL	
			WEIGHT																				Gals.
			VISCOSITY																				WATER
			GEL																				Bbls.
			Pump Pressure	Model																	COAL		
			Pump S.P.M.	Model																	Tons		
Injuries:			Pump Liner Size	Model																			
Fires:			General																				
Tour — 8 a.m. to 4 p.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS					C.B. Ft.	Subs Ft.	Ft. Up Kelly							
Specify actual hours worked		Hrs.							No.	O. D.	I. D.	Length	Wgt.										
Driller	SCHNEIDER	12	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES																				
Derrick	H. Burke	12	B	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION									
Floor	K. Burke	12	I																				
Floor	D. Goodine	12	T																				
Floor			S																				
			MUD										8 a.m.	10 a.m.	12 noon	2 p.m.	Additives	At Surveys	Degree	MOTOR HOURS	Next Oil Change	FUEL	
			WEIGHT																				Gals.
			VISCOSITY																				WATER
			GEL																				Bbls.
			Pump Pressure	Model																	COAL		
			Pump S.P.M.	Model																	Tons		
Injuries:			Pump Liner Size	Model																			
Fires:			General																				
Tour — 4 p.m. to Midnight		From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS					C.B. Ft.	Subs Ft.	Ft. Up Kelly							
Specify actual hours worked		Hrs.							No.	O. D.	I. D.	Length	Wgt.										
Driller	E. POUORIER	4	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES																				
Derrick	G. NEDELEC	4	B	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION									
Floor	G. NEDELEC	4	I																				
Floor			T																				
Floor			S																				
			MUD										4 p.m.	6 p.m.	8 p.m.	10 p.m.	Additives	At Surveys	Degree	MOTOR HOURS	Next Oil Change	FUEL	
			WEIGHT																				Gals.
			VISCOSITY																				WATER
			GEL																				Bbls.
			Pump Pressure	Model																	COAL		
			Pump S.P.M.	Model																	Tons		
Injuries:			Pump Liner Size	Model																			
Fires:			General																				
Tour — 8 a.m. to 4 p.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS					C.B. Ft.	Subs Ft.	Ft. Up Kelly							
Specify actual hours worked		Hrs.							No.	O. D.	I. D.	Length	Wgt.										
Driller	SCHNEIDER	12	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES																				
Derrick	H. Burke	12	B	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M														

[illegible]

Totco Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____
B.O.P. Test-Operated _____ Time _____ Results _____
FORM E-2

Total Contractor Time 10 Hrs.
Total Company Time 14 Hrs.

Toolpusher W. E. Walker
Approved by Norman Bond

SEDCO

DAILY DRILLING REPORT

DAY WORK RECORD

No. 92

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 75		LOCATION GEN. CRUDE RANVIK CHEVRON DESMARAIS PT. D-2		AREA H. River		DATE March 3/44	
Tour — Midnight - 8 a.m.		Specify actual hours worked		Hrs. 4 23		8 97 520 8	
Driller E. Poudrier		4					
Derrick G. MEDEREC		4					
Floor G. MEDEREC		4					
Floor							
Floor							
Motor							
Mechanic							
Extra							
Injuries:							
Fires:							
Tour — 8 a.m. to 4 p.m.		Specify actual hours worked		Hrs. 12		520 74 594 4 4	
Driller SCHNEIDER		12					
Derrick H. Burke		12					
Floor K. Burke		12					
Floor Goodine		12					
Floor							
Floor							
Motor							
Mechanic							
Extra							
Injuries:							
Fires:							
Tour — 4 p.m. to Midnight		Specify actual hours worked		Hrs. 4		594 36 630 3	
Driller E. Poudrier		4					
Derrick G. MEDEREC		4					
Floor G. MEDEREC		4					
Floor							
Floor							
Motor							
Mechanic							
Extra							
Injuries:							
Fires:							

GEN CRUDE RANVIK CHEVRON DESMARAIS PT. D-2

REMARKS	Time		
	Start	Stop	Interval
Hydg	170	200	1
Company Time 8	Con't Time		
Rig SERVICE Check B.O.P	8:00	8:30	1/2
Fix Kelly Guides and weld	8:30	9:30	1
drilling	9:30	1:00	3 1/2
Trip for NEW BIT	1:00	2:30	1 1/2
Work on pump	2:30	3:05	3/4
drilling	3:05	4:00	1/4
Company Time 8	Con't Time		
drilling	4:00	4:15	1/4
put fan belt on G.M	4:15	4:30	1/4
drilling	4:30	7:15	2 3/4
WORK ON STEAM LINES	7:15	8:00	3/4
Kelly up 16.20'			
800 8:30	1/2		
Pull out To Test	8:30	9:30	
Make up Tool	9:30	12:00	
Company Time 8	Con't Time		

Totco Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____
B.O.P. Test-C. _____ Time _____ Results _____
FORM E-2

Total Contractor Time _____ Hrs. Toolpusher _____
Total Company Time 24 Hrs. Approved by _____

SEDCO

DAILY DRILLING REPORT

DAY WORK RECORD

No. 91

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 75 LOCATION GEN CRUDE RANVIK CHEVRON DESMARAIS PT. D-2 AREA Hay River DATE March 2/66

Tour — Midnight - 8 a.m.

Specify actual hours worked Hrs. 210

Driller E. Poudrier Hrs. 9

Derrick E. M. LEE Hrs. 8

Floor G. M. LEE Hrs. 9

Floor

Floor

Motor

Mechanic

Extra

Injuries:

Fires:

IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES

From Footage To Hrs. on Bottom Wt. Drill Pipe (1000 lbs.) Stands Singles

DRILL COLLARS

No. O. D. I. D. Length Wgt.

At Surveys Degree MOTOR HOURS Next Oil Change FUEL

MUD 12 Mn. 2 a.m. 4 a.m. 6 a.m. Additives

WEIGHT

VISCOSITY

GEL

Pump Pressure Model

Pump S.P.M. Model

Pump Liner Size Model

W.L. F.C. pH.

Tour — 8 a.m. to 4 p.m.

Specify actual hours worked Hrs. 210

Driller SCHNEIDER Hrs. 12

Derrick H. Burke Hrs. 12

Floor K. Burke Hrs. 12

Floor D. Goodine Hrs. 12

Floor

Motor

Mechanic

Extra

Injuries:

Fires:

IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES

From Footage To Hrs. on Bottom Wt. Drill Pipe (1000 lbs.) Stands Singles

DRILL COLLARS

No. O. D. I. D. Length Wgt.

At Surveys Degree MOTOR HOURS Next Oil Change FUEL

MUD 8 a.m. 10 a.m. 12 noon 2 p.m. Additives

WEIGHT

VISCOSITY

GEL

Pump Pressure Model

Pump S.P.M. Model

Pump Liner Size Model

W.L. F.C. pH.

Tour — 4 p.m. to Midnight

Specify actual hours worked Hrs. 242

Driller E. Poudrier Hrs. 4

Derrick E. M. LEE Hrs. 4

Floor G. M. LEE Hrs. 4

Floor

Floor

Motor

Mechanic

Extra

Injuries:

Fires:

IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES

From Footage To Hrs. on Bottom Wt. Drill Pipe (1000 lbs.) Stands Singles

DRILL COLLARS

No. O. D. I. D. Length Wgt.

At Surveys Degree MOTOR HOURS Next Oil Change FUEL

MUD 4 p.m. 6 p.m. 8 p.m. 10 p.m. Additives

WEIGHT

VISCOSITY

GEL

Pump Pressure Model

Pump S.P.M. Model

Pump Liner Size Model

W.L. F.C. pH.

REMARKS

W.O.C.

Head in 2

GEN CRUDE RANVIK CHEVRON DESMARAIS PT. D-2

Company Time 8 Cont'r Time

W.O.C.

WAIT ON WATER

WORK ON pump

drilling out Pressure up

WORK ON pump clutch

drilling

WORK ON pump

drilling

Company Time 8 Cont'r Time

drilling

WORK ON Kelly Guides

drilling

Rig Service

W.O.

Company Time 8 Cont'r Time

Totco Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rat _____ Total Contractor Time _____ Hrs. _____

B.O.P. Test-Operated _____ Time _____ Results _____ Approved by _____

FORM E-2

SEDCO

DAILY DRILLING REPORT

BY WORK RECORD

No. 420

NOTE—Please show FOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 75 LOCATION GEN CRUDE RANVIK CHEVRON AREA Hay River DATE Feb March 1/66

Tour — Midnight - 8 a.m.	From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS				C.B. Ft.	Subs Ft.	Ft. Up On Kelly	
Specify actual hours worked	165	210	210	3				No.	O. D.	I. D.	Length	Wgt.			
Driller <u>E. Poudrier</u>	4	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES													
Derrick <u>G. Modolec</u>	4	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION			
Floor <u>G. Modolec</u>	4	1	2A	9"	REED YTS	E16033		141	7						
Floor															
Floor		MUD 12 Mn. 2 a.m. 4 a.m. 6 a.m. Additives													
Floor		WEIGHT													
Motor		VISCOSITY													
Mechanic		GEL													
Extra		Pump Pressure	Model												
Injuries:		Pump S.P.M.	Model												
Fires:		Pump Liner Size	Model												
		W.L.	F.C.	pH.	General Run 6 Joints 188.75' 20 lb casing 1 Davis guide shoe 100 landed at 106.8 KB										

REMARKS	Time		
	Start	Stop	Interval
<u>drill</u>	1200	300	3
<u>2 dummy trips Room each</u>			
<u>single</u>	300	530	2 1/2
<u>Prepare to Run casing</u>	530	600	1/2
<u>Run casing</u>	600	715	3/4
<u>Prepare to cement</u>	715	800	3/4
GEN CRUDE RANVIK CHEVRON DESMARAIS PT. D-2			
Company Time	8	Cont'r Time	

Tour — 8 a.m. to 4 p.m.	From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS				C.B. Ft.	Subs Ft.	Ft. Up On Kelly	
Specify actual hours worked	210	210	210					No.	O. D.	I. D.	Length	Wgt.			
Driller <u>SCHNEIDER</u>	12	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES													
Derrick <u>H. Burke</u>	12	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION			
Floor <u>K. Burke</u>	12	1													
Floor <u>D. Goodine</u>	12	2													
Floor		MUD 8 a.m. 10 a.m. 12 noon 2 p.m. Additives													
Floor		WEIGHT													
Motor		VISCOSITY													
Mechanic		GEL													
Extra		Pump Pressure	Model												
Injuries:		Pump S.P.M.	Model												
Fires:		Pump Liner Size	Model												
		W.L.	F.C.	pH.	General Computed with 60 sacs 2% calcium chloride plug down 10 min.										

REMARKS	Time		
	Start	Stop	Interval
<u>MIX cement</u>	8:10	9:00	1
<u>Run cement 0.5 Returns</u>	9:00	10:00	1
<u>W.O.C.</u>	10:00	4:00	6
Company Time 8 Cont'r Time			

Tour — 4 p.m. to Midnight	From	Footage	To	Hrs. on Bottom	Wt. Drill Pipe (1000 lbs.)	Stands	Singles	DRILL COLLARS				C.B. Ft.	Subs Ft.	Ft. Up On Kelly	
Specify actual hours worked	210	210	210					No.	O. D.	I. D.	Length	Wgt.			
Driller <u>E. Poudrier</u>	4	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES													
Derrick <u>G. Modolec</u>	4	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION			
Floor <u>G. Modolec</u>	4	1													
Floor		MUD 4 p.m. 6 p.m. 8 p.m. 10 p.m. Additives													
Floor		WEIGHT													
Motor		VISCOSITY													
Mechanic		GEL													
Extra		Pump Pressure	Model												
Injuries:		Pump S.P.M.	Model												
Fires:		Pump Liner Size	Model												
		W.L.	F.C.	pH.	General										

REMARKS	Time		
	Start	Stop	Interval
<u>W.O.C.</u>	4:00	12:00	8
Company Time 8 Cont'r Time			

Totco Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____
 B.O.P. Test-Operated _____ Time _____ Results _____
 FORM E-2

Total Contractor Time _____ Hrs. Toolpusher D. H. Ameth
 Total Company Time 24 Hrs. Approved by Harmon Bond

SEDCO

DAILY DRILLING REPORT

DAY WORK RECORD

No. 419

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 75 LOCATION GEN CRUDE RANVIK CHEVRON

AREA Hay River DATE Feb 28/66

Tour — Midnight - 8 a.m.
Specify actual hours worked Hrs.

Driller E Poudrier 8
Derrick Gerald Nedelec 8
Floor Gary Nedelec 8

Floor
Floor
Motor
Mechanic
Extra

Injuries:

Fires:

Tour — 8 a.m. to 4 p.m.
Specify actual hours worked Hrs.

Driller SCHNEIDER 12
Derrick H. Burke 12
Floor K. Burke 12
Floor D. Goodine 12

Floor
Motor
Mechanic
Extra

Injuries:

Fires:

Tour — 4 p.m. to Midnight
Specify actual hours worked Hrs.

Driller E Poudrier 4
Derrick G Nedelec 4
Floor G Nedelec 4

Floor
Floor
Motor
Mechanic
Extra

Injuries:

Fires:

From 7 To 13 Footage 20 Hrs. on Bottom 2 1/2 Wt. Drill Pipe (1000 lbs.) Stands Singles

IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES
No. 1A Size 9" Type & Jet Size Reed Ty 3 Serial No. E16261 Weight R.P.M. Ft. Drilled 20 Hrs. 2 1/2 Feet Reamed Hrs.

MUD 12 Mn. 2 a.m. 4 a.m. 6 a.m. Additives At Surveys Degree MOTOR HOURS Next Oil Change FUEL
WEIGHT VISCOSITY GEL
Pump Pressure Model
Pump S.P.M. Model
Pump Liner Size Model

Size TRIPS No. Lines TON MILES TOTAL MILES Slip Feet or Cut Feet Left on Spool Next Slip
General
W.L. F.C. pH.

From 20 To 55 Footage 35 Hrs. on Bottom 7 Wt. Drill Pipe (1000 lbs.) Stands Singles

IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES
No. 1A Size 9" Type & Jet Size Reed Ty 3 Serial No. E16261 Weight R.P.M. Ft. Drilled 48 Hrs. 9 1/2 Feet Reamed Hrs.

MUD 8 a.m. 10 a.m. 12 noon 2 p.m. Additives At Surveys Degree MOTOR HOURS Next Oil Change FUEL
WEIGHT VISCOSITY GEL
Pump Pressure Model
Pump S.P.M. Model
Pump Liner Size Model

Size TRIPS No. Lines TON MILES TOTAL MILES Slip Feet or Cut Feet Left on Spool Next Slip
General
W.L. F.C. pH.

From 55 To 165 Footage 110 Hrs. on Bottom 4 Wt. Drill Pipe (1000 lbs.) Stands Singles

IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES
No. 1A Size 9" Type & Jet Size Reed Ty 3 Serial No. E16261 Weight R.P.M. Ft. Drilled 62 Hrs. 10 1/2 Feet Reamed Hrs.
No. 2 Size 9" Type & Jet Size Reed Ty 3 Serial No. E16033 Weight R.P.M. Ft. Drilled 96 Hrs. 4 Feet Reamed Hrs.

MUD 4 p.m. 6 p.m. 8 p.m. 10 p.m. Additives At Surveys Degree MOTOR HOURS Next Oil Change FUEL
WEIGHT VISCOSITY GEL
Pump Pressure Model
Pump S.P.M. Model
Pump Liner Size Model

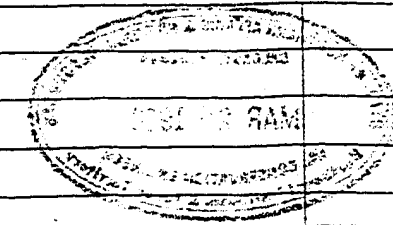
Size TRIPS No. Lines TON MILES TOTAL MILES Slip Feet or Cut Feet Left on Spool Next Slip
General
W.L. F.C. pH.

REMARKS
Rig up
3 Pudin + drilling
Time
Start 12:00 Stop 5:30 Interval 5 1/2
5:30 8:00 2 1/2

GEN CRUDE RANVIK CHEVRON
DESMARAI PT. D-2
Company Time 8 Cont'r Time
drilling 8:00 1:00 5
mix mud 1:00 2:00 1
drilling 2:00 4:00 2

Company Time 8 Cont'r Time
drilling 4:00 5:00 1
Trip for new bit 5:00 5:45 3/4
Put in fuel FILTERS in GM 5:45 6:10 1/4
drilling 6:10 6:45 1/2
work on pump 6:45 8:00 1 1/2
drdg 8:00 12:00 4

Company Time 8 Cont'r Time
drilling 4:00 5:00 1
Trip for new bit 5:00 5:45 3/4
Put in fuel FILTERS in GM 5:45 6:10 1/4
drilling 6:10 6:45 1/2
work on pump 6:45 8:00 1 1/2
drdg 8:00 12:00 4



Totco Ring on Bit No. D.P. Calipered Date Results From Pipe Rack
B.O.P. Test-Operated Time Results

Total Contractor Time Hrs. Toolpusher D. B. Ameth
Total Company Time 24 Hrs. Approved by Homer Dal

KODAK SAFETY FILM