

GEN-CRUDE RANVIK REET
CREEK-G-15

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GEOLOGICAL AND ENGINEERING REPORT
GEN. CRUDE RANVIK REEF CREEK G-15
HAY RIVER AREA, NORTHWEST TERRITORIES

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

1009 FOURTH AVENUE WEST
CALGARY - ALBERTA

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INTRODUCTION

Gen. Crude Ranvik Reef Creek G-15 was drilled as the second well in the 1966 exploration program along the southwest shore of Great Slave Lake, Northwest Territories, west of the town of Hay River. An access road was built 18.6 miles west from the Hay River No. D-30 test along the south shore of the lake.

Briggs Great Slave Lake No. 1, located 12 miles to the west, was drilled to 1,072 feet and abandoned in 1956. Northwest Territories Heart Lake No. 2 was drilled 12 miles southwest and was abandoned at a total depth of 1,648 feet in 1955.

Gen. Crude Ranvik Reef Creek G-15 was drilled as a test of the Slave Point and Presqu'ile formations. Drilling contractor was Sedco Exploration Ltd., using Rig No. 75. Operations were under the supervision of J. C. Sproule and Associates Ltd. for the operator, General Crude Oil Company, Houston, Texas. Other partners in the operation were Ranvik Oils Limited and Ridgefield Development Ltd.

SECTION 1SUMMARY OF WELL DATA

Well Name: Gen. Crude Ranvik Reef Creek G-15
Permittee: Ranvik Oils Limited
Name of Operator: General Crude Oil Company, Houston, Texas.
Location: G-15-61-00-116-15
 Latitude 60°54'24", Longitude 116°17'30".
Permit No.: 4128
Drilling Contractor: Sedco Exploration Ltd. Rig No. 75, Rotary G.D. 2000.
Drilling Authority: No. 228, January 19, 1966.
Classification: Wildcat.
Elevation: Ground - 543' (Est.). K.B. - 550'.
Technical Supervision: J. C. Sproule and Associates Ltd.
 Norman Soul, P. Geol.
Date Spudded: February 10, 1966.
Date Completed Drilling: February 25, 1966.
Total Depth: 1,192'.
Well Status: Plugged and abandoned.
Date Rig Released: February 27, 1966.
Hole Size: 9 7/8" - Surface to 207'
 6 1/4" - 207'-1,192'.
Casing: 7" x 198', cement 60 sacks.

SECTION IIGEOLOGICAL SUMMARYGEN. CRUDE RANVIK REEF CREEK G-15Formation Tops:

	<u>Samples</u> Feet	<u>E-Log</u> Feet
Fort Simpson	40	-
Slave Point	650	653
Watt Mountain	-	830
Sulphur Point	-	850
Presqu'ile	870	879

<u>Cored Intervals:</u>	<u>Interval</u> Feet	<u>Formation</u>	<u>Recovery</u> Feet
	879-909	Presqu'ile	27.5
	916-934	Presqu'ile	18.0

Core Description:

<u>Interval</u> Feet	<u>Thickness</u> Feet	<u>Description</u>
<u>CORE NO. 1 - 879'-909'. Recovery - 27.5'</u>		
879-901	22.0	Dolomite, light to medium grey, crystalline, vuggy. Some large vugs partly filled with white, coarse dolomite rhombs. Good to excellent intercrystalline and vuggy porosity. No evidence of oil staining. Minor irregular partings of dark green shale. Minor free yellow sulphur in some vugs containing the white dolomite rhombs.
901-906.5	5.5	Dolomite, brown, crystalline, vuggy, with stylolitic partings and irregular partings of dark brown bituminous shale. One vug when broken open was found to contain live brown oil. Core has a sulphurous odour and is probably salt water laden. Fair to good intercrystalline porosity. Poor vuggy porosity.
<u>CORE NO. 2 - 916'-934'. Recovery - 18.0'</u>		
916-918.5	2.5	Dolomite, predominantly greyish white, becoming buff at the base, coarsely crystalline and vuggy with vugs containing large white dolomite rhombs. Excellent porosity. No evidence of oil staining.
918.5-930.5	12.0	Dolomite, brown, crystalline to microcrystalline, resinous lustre, partings of dark brown bituminous shale. Few large vugs containing coarse white dolomite rhombs and abundant small scattered apparently disconnected vugs. No evidence of oil staining.

<u>Interval</u> Feet	<u>Thickness</u> Feet	<u>Description</u>
930.5-931.5	1.0	Dolomite, light brown, microcrystalline, hard and tight.
931.5-934	2.5	Dolomite, dark brown, crystalline, black bituminous partings, vuggy, fair to good vuggy and intercrystalline porosity, branching stromatoporoids at base.

Coring Time:

<u>Interval</u> Feet	<u>Time In Minutes Per Foot</u>
	<u>CORE NO. 1 - 879'-909'</u>
879-880	6.
880-890	11. 9, 8, 6, 4, 6, 5, 5, 6, 10.
890-900	7, 4, 5, 4, 9, 7, 6, 8, 7, 6.
900-909	7, 9, 6, 7, 8, 8, 8, 8, 8.
	<u>CORE NO. 2 - 916'-934'</u>
916-920	6, 9, 11, 10.
920-930	9, 8, 9, 7, 9, 7, 6, 5, 6, 8.
930-934	8, 5, 6, 5.

Sample Description: Gen. Crude Ranvik Reef Creek G-15
 Location - G-15-61-00-116-15
 Elevation - 542' K.B. (est).
 Examined by - Norman Soul, P. Geol.

<u>Depth</u> Feet	<u>Description</u>
7-20	Clay, sand and gravel, unconsolidated.
20-40	Gravel, pebbles of sedimentary and igneous origin.
	<u>Fort Simpson Formation - 40'</u>
40-100	Shale, dark grey, calcareous.
100-170	Shale, dark grey and dark green, calcareous.
170-270	Shale, dark green, calcareous.
270-300	Shale, dark greenish grey, soft, fissile, slightly calcareous.
300-320	Shale, dark green, slightly calcareous.
320-330	Shale, dark green and dark greenish grey, calcareous.

<u>Depth</u> <u>Feet</u>	<u>Description</u>
330-360	Shale, dark green, slightly calcareous.
360-370	Shale, as above. Minor limestone, light greenish grey, dense.
370-430	Shale, dark greenish grey, soft, fissile, slightly calcareous.
430-460	Shale, dark green, non-calcareous to slightly calcareous.
460-480	Shale, as above. Minor limestone, light greenish grey, dense to microgranular.
480-500	Shale, dark greenish grey, slightly calcareous.
500-510	Limestone, grey to brownish grey, argillaceous, microgranular to fossiliferous fragmental.
510-540	Limestone, medium grey to brownish grey, dense to microgranular, argillaceous, sparsely fossiliferous.
540-610	Shale, dark grey to dark greenish grey, slightly calcareous.
610-640	Shale, dark grey, calcareous, disseminated small pyrite crystals.
640-650	Shale, dark grey, calcareous.
<u>Slave Point Formation - 653'</u>	
650-670	Limestone, medium grey to greenish grey, dense to microgranular, slightly pyritic.
670-680	Limestone, light brown, dense to cryptocrystalline, fossiliferous, minor finely disseminated pyrite crystals.
680-690	Limestone, greyish brown to light brown, dense, fossiliferous. Shale, dark greenish grey, slightly calcareous.
690-700	Limestone, light brown, dense to microgranular, fossiliferous, minor stylolitic partings.
700-710	Limestone, greyish brown to light brown, granular, irregular partings of dark brown bituminous shale.
710-720	Limestone, dark brown, dense to cryptocrystalline, slightly argillaceous.
720-740	Limestone, buff to light brown, microgranular to granular, traces of poor intergranular porosity.
740-750	Limestone, light brown, dense.

<u>Depth Feet</u>	<u>Description</u>
750-770	Limestone, buff to dark brown, dense to granular, traces of poor intergranular porosity.
770-790	Limestone, buff to light brown, dense to microgranular. Hole started to flow sulphurous salt water while making trip for new bit at 794'.
790-800	Limestone, light brown, dense to microgranular. Shale, dark green, slightly calcareous (cavings).
800-830	Shale, dark green, calcareous (cavings).
830-840	Predominantly shale, as above (cavings). Few fragments of dolomite, brown, finely to coarsely crystalline with excellent porosity.
840-870	Predominantly shale as above with traces of crystalline dolomite. Samples very poor from 790'-870'. <u>Watt Mountain Formation - 830'</u> <u>Presqu'ile Reef Complex - 879'</u>
870-879	Dolomite, greyish white to grey, coarsely crystalline, excellent porosity. Traces of bright green waxy shale and free sulphur.
879-909	Cored. See Core Description.
879-900	Dolomite, greyish white to grey, coarsely crystalline, excellent porosity.
900-916	Dolomite, brown, crystalline, vugs filled with dolomite, white, coarsely crystalline, fair to good porosity.
916-934	Cored. See Core Description.
916-960	Dolomite, brown, coarsely crystalline, vugs filled with dolomite, white, coarsely crystalline, good porosity.
960-1010	Dolomite, greyish white to greyish brown, crystalline, fair inter-crystalline porosity.
1010-1050	Dolomite, greyish brown to brown, crystalline, fair to good inter-crystalline porosity.
1050-1070	Dolomite, buff to brown, mottled, crystalline, fair intercrystalline porosity.
1070-1080	Dolomite, as above, good to excellent porosity.

<u>Depth</u> <u>Feet</u>	<u>Description</u>
1080-1090	Dolomite, as above, excellent porosity.
1090-1100	Dolomite, buff to brown, microcrystalline to medium crystalline, fair to good porosity; abundant free sulphur.
1100-1106	Dolomite, buff to dark brown, microcrystalline, generally tight with traces of disconnected vugs.
1106-1110	Dolomite, light brown, microcrystalline to finely crystalline, poor porosity.
1110-1120	Dolomite, brown, finely crystalline, fair to good porosity.
1120-1150	Dolomite, buff to dark brown, mottled, microcrystalline to finely crystalline, poor porosity.
1150-1160	Dolomite, buff to brown, mottled, crystalline, good porosity, probably vuggy.
1160-1170	Dolomite, buff, medium crystalline, excellent porosity.
1170-1180	Dolomite, buff, microcrystalline to finely crystalline, good porosity.
1180-1190	Dolomite, brown, finely crystalline, good porosity, minor coarse white dolomite rhombs in vugs.
1192	Total Depth.

SECTION III

ENGINEERING SUMMARY

GEN. CRUDE RANVIK REEF CREEK G-13

Daily Chronological Report:

Date 1966	Day	Depth		Progress Feet	Remarks
		From Feet	To Feet		
Feb. 10	1	7	37	30	Sedco Rig No. 75 spudded at 9:00 p.m. Drilling 9" hole with Bit No. 1A.
		37	207	170	Drilled to 204' with Bit No. 1A at 7:00 a.m. Worked stuck drill pipe at 157' for two hours. Out of hole at noon. Reamed 9" hole to 9 7/8" to 204' at 4:15 p.m. with Bit No. 2A. Drilled 9 7/8" hole from 204'-207' with Bit No. 2A at 5:30 p.m. Made cleanout trip. Ran 6 joints (191.79'), 7", 20-lb./ft., new Japanese casing from 8:30 p.m. to 9:30 p.m. Cemented by Sedco Rig with 60 sacks and 2% CaCl ₂ . Landed at 198' K.B. Plug down at 11:00 p.m. Standing cemented.
Feb. 12	3	207	258	51	Ran in hole with Bit No. 1 at 10:30 p.m. Pressured up to 500 psi for 15 mins. Drilled out cement and through shoe. Drilling 6 1/4" hole with Bit No. 1 from 11:15 p.m.
Feb. 13	4	258	725	467	Drilled to 414' at 2:45 a.m. Worked on air-lines 1 1/2 hours. Drilled to 544' at 7:15 a.m. Mixed mud 2 hours. Drilled to 605' with Bit No. 1 at 2:00 p.m. Made trip for Bit No. 2. Drilling with Bit No. 2 from 4:30 p.m.
Feb. 14	5	725	799	74	Drilled to 794' with Bit No. 2 at 5:45 a.m. Broke yoke on rotary drive transmission. Waited on parts and made repairs at 9:00 p.m. Ran in with Bit No. 3. Hole started to flow sulphurous salt water. Mixed mud and stopped water flow. Drilled from 794'-799' with Bit No. 3. Air compressor broke down at midnight.
Feb. 15	6	799	878	79	Repaired air compressor. Drilled to 878' with Bit No. 3 from 10:45 a.m. to 7:00 p.m. Twisted off at 878', leaving 560' of drill pipe and drill collars in hole. Hole started to flow sulphurous salt water. Ran in with overshot and latched on to drill pipe. Obtained sample of salt water.

<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		
Feb. 16	7	878	878	0	Recovered drill pipe and drill collars. Ran in with Bit No. 4. Mixed mud and circulated to 5:00 p.m. Closed rams. Waiting on delivery of weighting material.
Feb. 17	8	878	879	1	Mud arrived at location at 3:30 a.m. Mixed weight material and killed flowing well at 10:00 a.m. Drilled from 878'-879' at 10:45 a.m. Circulated 3/4 hour. Out of hole at 1:30 p.m. Running in with core barrel. Waiting on pump repairs from 5:00 p.m.
Feb. 18	9	879	879	0	Waiting on parts and repairs.
Feb. 19	10	879	879	0	Waited on parts to 6:30 p.m. Replaced bearing in G.M. fan at 8:00 p.m. Ran in part way with core barrel at 9:00 p.m. Hole flowing salt water. Mixing weight material to kill flowing well.
Feb. 20	11	879	909	30	Killed flowing well at noon. Cut Core No. 1, 879'-909', from 12:45 p.m. to 4:15 p.m. Out at 8:00 p.m. Ran in with Bit No. 5. Reaming core hole from 11:45 p.m.
Feb. 21	12	909	934	25	Finished reaming core hole at 12:45 a.m. Drilled from 909'-916' at 1:30 a.m. Out of hole at 3:30 a.m. Cut Core No. 2, 916'-934', from 6:30 a.m. to 8:45 a.m. Replaced air filter and changed oil in G.M. diesel. Out of hole at 2:15 p.m. Laid down core barrel. Ran part way in hole with Bit No. 5. Hole started to flow salt water at 4:00 p.m. Mixing weight material to kill flowing well.
Feb. 22	13	934	967	33	Worked on rig motor. Mixed mud and conditioned hole. Reamed core hole with Bit No. 5 from 11:45 a.m. to 3:45 p.m. Drilled to 938' at 4:15 p.m. Replaced kelly hose. Drilling with Bit No. 5 from 5:45 p.m. Mixed mud 2 1/4 hours.
Feb. 23	14	967	1078	111	Drilled to 992' with Bit No. 5 at 3:45 a.m. Made trip for Bit No. 6. Drilled to 1,052' with Bit No. 6 from 5:45 a.m. to 4:45 p.m. Made trip for Bit No. 7. Drilling with Bit No. 7 from 8:00 p.m.

<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		
Feb. 24	15	1078	1163	85	Drilled to 1,106' with Bit No. 7 at 4:45 a.m. Bearing seized on bit. Circulated to 8:30 a.m. Made trip for Bit No. 8. Drilled to 1,163' with Bit No. 8 from 11:30 a.m. to 11:00 p.m. Losing mud to formation. Mixing mud from 11:00 p.m.
Feb. 25	16	1163	1192	29	Mixed mud and regained circulation. Drilled from 1,163'-1,186' with Bit No. 8 from 1:00 a.m. to 5:00 a.m. Pulled out of hole. Well started to flow. Ran in with Bit No. 9. Drilled to 1,192' F.T.D. with Bit No. 9 at 10:15 a.m. Mixed mud and conditioned hole to 3:30 p.m. Pulled out to log. Ran S.P. and Resistivity logs by Electronic Logging & Velocity Co. Ltd. from 5:00 p.m. to 6:15 p.m. Total depth by log - 1,190'. Made up testing tool and ran in hole from 8:00 p.m. to 11:45 p.m. Running DST No. 1, straddle test from 818'-878'.
Feb. 26	17	1192 - F.T.D.			Ran DST No. 1, 818'-878'. Initial shut-in - 30 mins. Flow period - 60 mins. Final shut-in - 60 mins. Salt water flowed to surface in 9 mins. Pulled packers loose at 2:30 a.m. Out of hole at 6:00 a.m. Laid down testing tool. Well flowing sulphurous salt water. Mixed mud and killed flowing well at 9:00 a.m. Ran Plug No. 1, 150 sacks and 2% CaCl ₂ , 1,192'-600'. In place at 11:45 a.m. Felt top of Plug No. 1 at 592' at 8:15 p.m. Ran Plug No. 2, 55 sacks and 2% CaCl ₂ , 250'-150'. In place at 9:15 p.m. Standing cemented.
Feb. 27	18	1192 - F.T.D.			Felt top of Plug No. 2 at 95' at 5:45 a.m. Spotted 5 sacks in top of casing. Welded steel plate on top of casing. Installed 4' x 2" riser with name plate attached. Rig released at 8:00 a.m.

Report of Drill Stem Tests: Johnston Testers DST No. 1 - In Pocket.

CASING AND CEMENT REPORT

Well Name GEN. CRUDE RANVIK REEF CREEK G-15

Date February 11, 1966

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

Time Casing Started in Hole: 8:30 p.m.

Time finished running casing: 9:30 p.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	190.49
TOTALS							6	190.49

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:

191.79

Make - up allowance:

ft.

Distance from K. B. to ground level:

7.00

Total:

ft.

Pipe landed at:

198' K.B.

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:

Time Started Pump Plug Down:

Time Plug On Bottom: 11:00 p.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.)

Pipe Tally: Ran 6 joints (191.79'), 7", J-55, 20-lb./ft., Rge. 2, 8 rd, new Japanese casing with Davis guide shoe.

<u>Joint No.</u>	<u>Length Feet</u>
1	31.36
2	30.90
3	32.40
4	31.55
5	31.70
6	32.58
	190.49
Guide Shoe	1.30
	<u>191.79</u>

Bit Record:

<u>No.</u>	<u>Size Inches</u>	<u>Make & Serial No.</u>	<u>Type</u>	<u>Depth</u>		<u>Footage</u>	<u>Hours</u>	<u>Condition</u>
				<u>In Feet</u>	<u>Out Feet</u>			
1A	9	Reed (Re-run) E16261	YT3	7	204	197	10	
2A	9 7/8	Hughes (Re-run)	OSC-3	7	207	200	4 3/4	Reamed 197'.
1	6 1/4	Reed ED5050	YT3	207	605	398	11 1/2	
2	6 1/4	Reed E16148	YT1A	605	794	189	13 1/4	
3	6 1/4	Reed EN5026	YT3	794	878	84	8	
4	6 1/4	HW63571	OSC-3	878	879	1	1/4	
5A	4 11/16	Christensen EC2513	Diamond	879	909	30	3 1/2	
5	6 1/4	Reed E26024	YT1A	879	916	37	1 3/4	Reamed 30'.
5A	4 11/16	Christensen EC2513	Diamond	916	934	18	2 1/4	
5	6 1/4	Reed E26024	YT1A	916	992	76	14	Reamed 18'.
6	6 1/4	Reed E26-23	YT1A	992	1053	61	10	Locked cones.
7	6 1/4	Reed E75330	YT1A	1053	1105	52	7 3/4	Seized bearing.
8	6 1/4	HW61606	OSC-1C	1105	1185	80	14 1/4	
9	6 1/4	HW61607	OSC-1C	1185	1192	7	1	

Mud Record:

<u>Date</u> 1966	<u>Depth</u> Feet	<u>Weight</u> Lb./Gal.	<u>Viscosity</u> Sec.	<u>Water Loss</u> cc	<u>pH</u>	<u>Additives</u>
Feb. 10	37					
Feb. 11	207					Gel 1,200 lb.
Feb. 12	258					
Feb. 13	725		41			Gel 1,500 lb. Caustic 50 lb.

Mud Record - Continued

<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. 14	799		47			Gel 1,500 lb.
Feb. 15	878	9.8	40			Gel 1,300 lb.
Feb. 16	878					Gel 6,500 lb.
Feb. 17	879	9.9	37			Gel 11,100 lb. Baroid 7,000 lb. Caustic 50 lb.
Feb. 18	879					
Feb. 19	879					Gel 3,000 lb. Baroid 1,500 lb.
Feb. 20	909	10.0	85			Gel 12,200 lb. Baroid 7,000 lb.
Feb. 21	934	10.3	58			Gel 1,800 lb. Baroid 2,500 lb.
Feb. 22	967	9.8	35			Gel 3,500 lb. Baroid 4,500 lb.
Feb. 23	1078	10.4	46			Baroid 3,000 lb.
Feb. 24	1163	10.4	38			Gel 7,000 lb.
Feb. 25	1192	10.5	42			Gel 15,200 lb. Baroid 18,000 lb. Sawdust 18 sacks.
Feb. 26	1192					Gel 3,300 lb. Baroid 1,000 lb.

Summary of Total Mud Used - Gel 691 sacks
Baroid 445 sacks
Caustic 100 lb.
Sawdust 18 sacks.

Abandonment Plugs: Plug No. 1 - 1,192'-600', Slave Point-Presqu'ile, 150 sacks cement. Top felt at 592'.
Plug No. 2 - 250'-150', surface casing shoe, 55 sacks cement. Top felt at 95'.
Plug No. 3 - Top of Surface Casing, 5 sacks cement.
Welded steel plate on top of casing.
Installed 4' x 2" riser with well name plate attached.

SECTION IV - LOGS - Electronic Logging & Velocity Co. Ltd. - Spontaneous Potential and Resistivity Log run Feb. 25, 1966 - In pocket.

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

WATER ANALYSIS

Lab No C66-225-1

Received: March 21, 1966 Reported: March 28, 1966 Well Location Gen. Grude Parvik Reef Ck. G-15-61-00-116-15

Operator: J. C. Sproule & Associates Ltd. Field or Area Parvik Reef Creek

Elev.: K.B. 530 ± Grd. Zone Formation Slave Pt. Presqu'île

Method of Production: estimated

Sampled from Flow line

Sampled by Norman Soul

Date Feb. 15, 1966

OTHER PERTINENT DATA Well flowing at 878'.

(Signed)

	Na & K	Ca	Mg		SO ₄	Cl		CO ₂	HCO ₃	
Mg./l	12,855	1,165	605		1,822	21,840		830		
Meq./l	559.21	58.13	50.06		37.90	615.89		13.61		
Meq. %	41.89	4.36	3.75		2.84	46.14		1.02		

Total Solids Mg./l. By Evaporation 39,650

Calculated 39,121 After Ignition 34,940

Fe Trace Specific Gravity 1.035 @ 60°F

H.S Heavy Refractive Index @ 25°C

Observed pH 7.0 @ 69°F

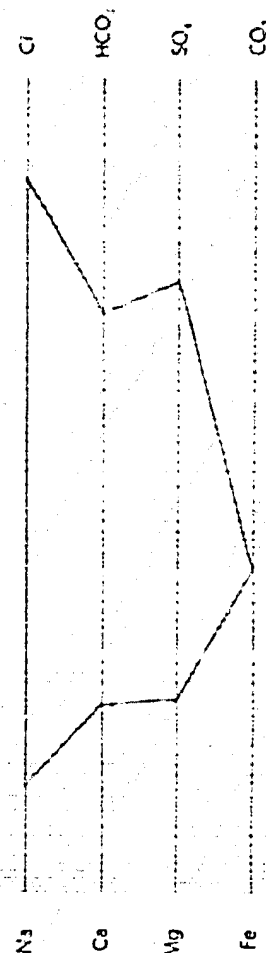
Resistivity 0.191 ohm-meters @ 68°F

Pattern Unit Meq./l

Remarks and Conclusions

Laboratory Number: C66-225-2; D.S.T. #1. Depths: 818' - 873'. Sampled from flow line February 26, 1966 by Norman Soul. Recovered salt water to surface in 9 minutes.

Resistivity: 0.199 Ohm-Meters @ 68°F.



SECTION V 14.

GEOLOGICAL AND ENGINEERING SUMMARY

Gen. Crude Ranvik Reef Creek G-15 was spudded on February 10, 1966, and completed drilling at a total depth of 1,192 feet on February 25, 1966.

The top of the Slave Point Formation was picked at 653 feet. The hole started to flow salt water while making a trip for a new bit at 794 feet. Traces of poor porosity were noted in the cuttings between 720 and 740 feet, and from 770 to 790 feet, and these zones are believed to be the source of the salt water. The flow was controlled by increasing the weight of the drilling mud but there was a serious deterioration in the quality of the samples of the drill cuttings below this point due to excessive caving of shale from the upper part of the hole.

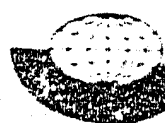
The drill pipe twisted off at 878 feet and the well started to flow salt water during the fishing operations. The flow was stopped by adding weight material to the mud. Two cores were taken in the Presqu'ile Formation but there was no evidence of oil staining. The remainder of the hole was drilled and much difficulty was encountered in controlling the mud weight. Mud would be lost to the formation when it was too heavy and the well would flow if it was not heavy enough.

After the well was logged at total depth, a straddle test was run of the interval from 818 feet to 878 feet. Salt water flowed to the surface in nine minutes at a substantial rate and a sample was collected for analysis.

Two cement plugs were set and the well was abandoned in accordance with government regulations approved by the Oil Conservation Engineer.

Norman Soul
Norman Soul, P. Geol.

1009 Fourth Avenue S. W.,
Calgary, Alberta.
April 7, 1966.
NS/fc



JOHNSTON TESTERS

Formation Test

TECHNICAL REPORT

General Crude Oil Company
Gen. Crude Ranvik Reef Creek
C-15, 60°-54'-24" N-116°-17'-30" W
DST#1 819-879



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.

JOHNSTON TESTERS

TEST DATA

819 879 1192
Open Hole, Straddle, Conventional

2000 0003
2 30
60 60
0235 0415
10,000 10,000

Not Reported
1/2"

Good Blow. Water to Surface
in 1/2 Minutes.

GAS BLOW MEASUREMENTS

TOOL SEQUENCE

D.P. Sub.	.75
Shut in Tool	6.05
Hyd. Tool	7.35
T.C. & Pkr.	5.30
Total	19.46
Stub	.75
Perf.	5.00
Recorder	4.90
Recorder	5.44
Perf.	5.00
Perf.	4.00
Perf.	3.08
Sub.	.75
D.C.	27.30
Sub.	.85
T.C. & Stub	2.96
Total Interval	60.03
T.C. & Pkr.	3.75
Recorder	3.15
Sub.	.83
D.P.	286.29
Sub.	.83
Perf.	16.00
Perf. & B.N.	2.56
Total Below Intv.	313.41

FLUID RECOVERY

Was Test Run on Conventional Yes
Fluid Recovered Total
Description of Fluid Recovered

Water to Surface

Total Length 392.90

MUD AND HOLE DATA

Mud Type Gel. Wt
Filter Cake 2/32 Visc 45 Vh 10.4
Time Taken 1500 hrs.
Contractor Sedco Drilling

Remarks Test Satisfactory.

Rig No 75

Drill Pipe Size 3 1/2 Airon
Drill Collar Size 2 1/4 ID Length 222'
Main Hole Size 6 1/4"
Port Hole Size 6 1/4"

Co Rep N. Soul
Tester L. Corrigan

District Edmonton

Ticket No C 6886

Date February 25/66

Company General Crude Oil Company

Address 1009 - 4th Avenue S. W., Calgary, Alberta

Well Name Gen. Crude Ranvik Reef Creek

Test No.

1

JTL Test No

1

Number G-15, 60°-54'-24"N-116°-17'-30"W

Field Hay River

Province

N. W. T.

Formation DST#1 819-879

Consultant

and Interval

Distribution of Reports 10 - Calgary, c/o J. C. Sproule and Associates Ltd.



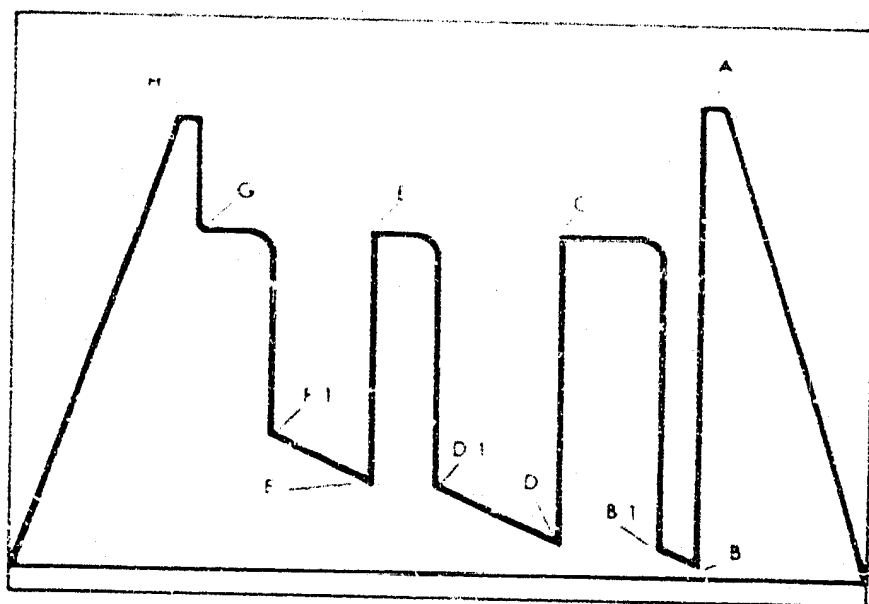
PRESSURE DATA

MISSION DATA		MISSION DATA		MISSION DATA	
MISSION NO.	AK1-2259	T-4411	1024		
MISSION DATE	2300	3000	3000		
MISSION TIME	824	829	882		
MISSION LOCATION	Outside	Outside	Outside		
MISSION STATUS	66°	66°	66°		
MISSION TYPE	433#	409#	454#		
MISSION FLOW	350#	351#	A-1 482#		
MISSION SHOT IN	440#	438#			
SECOND FLOW	372#	373#			
D-1	412#	414#			
SECOND SHOT IN			Ran Below		
THIRD FLOW			Straddle		
FINAL SHOT IN	437#	439#	A-2 478#		
FINAL MICROSTATE	431#	435#	469#		

PRESSURE INCREMENTS

[illegible]

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
- B, B-1, Initial Flow Pressures
- 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 6886

RECORDER NO.

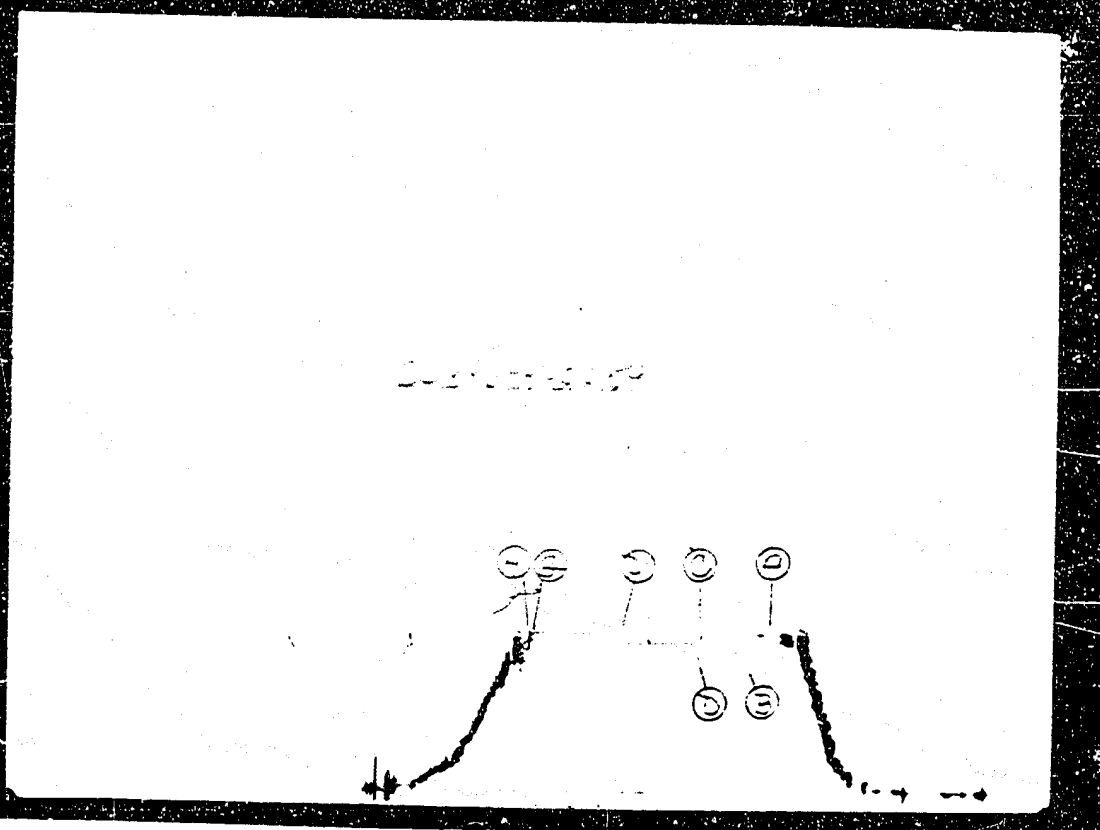
AK1-2259

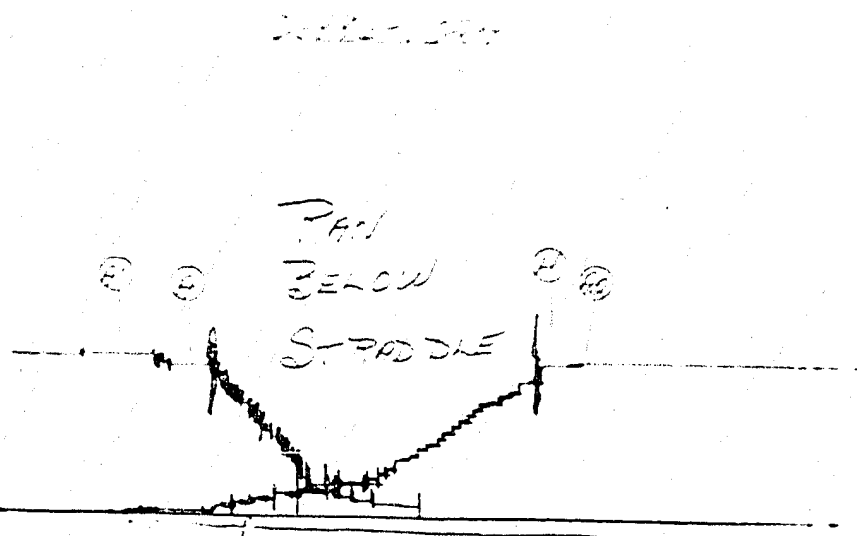
CAPACITY

2300

REPORTS
REQUESTED

10





DAILY DRILLING REPORT

DAY WORK RECORD

No 418

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

RIG No. 752 LOCATION Box Crude Panvik Reef Creek G-15 AREA Hay River DATE Feb. 27/66

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.																				
Driller	E. Poudrier	8	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES																			
Derrick	G. Nodellec	8	B	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION								
Floor	G. Nodellec	8	I																			
Floor	W. Jackson	8	T																			
Floor			S																			
Floor			MUD							12 Mn.	2 a.m.	4 a.m.	6 a.m.	Additives	At Surveys	Degree	MOTOR HOURS	Next Oil Change	FUEL			
Motor			WEIGHT																Gals.			
Mechanic			VISCOSITY																WATER			
Extra			GEL																Bbls.			
Injuries:	Jackson injured Right Foot		Pump Pressure	Model															COAL			
Fires:			Pump S.P.M.	Model															Tons			
			Pump Liner Size	Model																		
			W.L.							F.C.							pH.					
			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.	Pt. Up On Kelly	
Specify actual hours worked	Hrs.	No.	O. D.	I. D.	Length	Wgt.											
Driller <i>Schneider</i>	<i>12</i>	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES															
Derrick <i>H. Burke</i>	<i>12</i>	B	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Returned	Mrs.	CONDITION				
Floor <i>K. Burke</i>	<i>12</i>	I	<i>1 7/8" 1-1/2" 1-1/4" 1-1/2" 1-1/4"</i>														
Floor <i>Goodine</i>	<i>12</i>	T															
Floor		S															
Floor		MUD		8 a.m.	10 a.m.	12 noon	2 p.m.	Additives	At Surveys Degree		MOTOR HOURS		Next Oil Change	FUEL			
Motor.		WEIGHT									1			Gals.			
Mechanic		VISCOSITY									2			WATER			
Extra		GEL									3			Bbls.			
Injuries:		Pump Pressure	Model								4			COAL			
		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.													

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		Mrs.								No.	O. D.	I. D.	Length	Wgt.							
Driller <i>E. Poudrier</i>		4		IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES																	
Derrick <i>G. Nedolac</i>		1		No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION							
Floor <i>Gary Nedolac</i>		5																			
Floor				MUD						4 p.m.	6 p.m.	8 p.m.	10 p.m.	Additives	A+ 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																
				W.L.						F.C.						pH.					
				General																	

REMARKS	Time		
	Start	Stop	Interval
W.O.C.	12:00	5:15	5 ½
Run in Peel plug & 2 .T 95 FT.	5:15	5:45	½
Rig down Weld plate on casing.	5:45	8:00	2 ¼
5xx cement on top of camp			
GEN CRUDE RANVIK REEF CREEK G-15			
Company Time	Cont'r Time		
Get ready TO move TO	8:00	4:00	8
next location			
Company Time	Cont'r Time		
MOVE TO next location	4:00	8:00	4
Rig up	8:00	12:00	4
Company Time	Cont'r Time		

Total 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 _____ Hrs.

Toolpusher *[Signature]*

Approved by Thomas A. L.

SEDCO

DAILY DRILLING REPORT

DAY WORK RECORD

No. 417

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

RIG No. 75 LOCATION Gen Crude Ranvik Reef Creek G-15 AREA Hay River DATE Feb 26/66

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	1192	—	1192	—																																																																						
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Floor B. Nadelec	4	<table border="1"> <thead> <tr> <th>MUD</th> <th>4 p.m.</th> <th>6 p.m.</th> <th>8 p.m.</th> <th>10 p.m.</th> <th>Additives</th> <th>At Surveys Degree</th> <th>MOTOR HOURS</th> <th>Next Oil Change</th> <th>FUEL</th> </tr> </thead> <tbody> <tr> <td>WEIGHT</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td>Gals.</td> </tr> <tr> <td>VISCOSITY</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2</td> <td></td> <td>WATER</td> </tr> <tr> <td>GEL</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>3</td> <td></td> <td>Bbls.</td> </tr> <tr> <td>Pump Pressure</td> <td>Model</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>4</td> <td></td> <td>COAL</td> </tr> <tr> <td>Pump S.P.M.</td> <td>Model</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>5</td> <td></td> <td>Tons</td> </tr> </tbody> </table>														MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.	Additives	At Surveys Degree	MOTOR HOURS	Next Oil Change	FUEL	WEIGHT							1		Gals.	VISCOSITY							2		WATER	GEL							3		Bbls.	Pump Pressure	Model						4		COAL	Pump S.P.M.	Model						5		Tons
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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Fires:		General																																																																									

REMARKS	Time		
	Start	Stop	Interval
Testing	12 ⁰⁰	2 ³⁰	2 1/2
Pump Testing Tool + Break down some	2 ³⁰	6 ⁰⁰	3 1/2
Run in with open end	6 ⁰⁰	6 ⁴⁵	5/4
Flow flowing soft water	6 ⁴⁵		
Pump Pits +	6 ⁴⁵	8 ⁰⁰	9/4
GEN CRUDE RANVIK REEF CREEK G-15			
Company Time 8	Cont'r Time		
Mix mud	8 ⁰⁰	9 ⁰⁰	1
get ready to cement and run Plug #1	9 ⁰⁰	11 ⁴⁵	2 3/4
pull out of hole	11 ⁴⁵	12 ³⁰	3/4
W.O.C.	12 ³⁰	1 ⁰⁰	4 1/2
Plug #1 - 600 - 1197			
Cement with 150 Skts + 2% Col.			
Plug down - 11:45 AM			
Company Time 8	Cont'r Time 0		
W.O.C.	1 ⁰⁰	7 ⁴⁵	3 3/4
Run in full plug 592 FT.	7 ⁴⁵	8 ¹⁵	1/2
Pull up + run plug #2	8 ¹⁵	9 ¹⁵	1
W.O.C. 250 - 150	9 ¹⁵	12 ⁰⁰	2 3/4
Plug #2 - 100 - 300 FT.			
Cement with 55 Skts + 2% Col.			
Plug down 9:15 PM.			
per N. Sme. letter of 21 May 1966			
Company Time 8	Cont'r Time 0		

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 0 Hrs. Toolpusher *M. Watts*
 Total Company Time 24 Hrs. Approved by *Harner Don*

SEDCO

DAILY DRILLING REPORT

DAY WORK RECORD

No 416

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

RIG No. 75 LOCATION Gen Crude Rannik Reef Creek G-15 AREA Har River DATE Feb 25/66

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>	<u>8</u>	<u>1163</u>	<u>22</u>	<u>1185</u>	<u>4</u>										
Derrick	<u>G Nodeloe</u>	<u>8</u>														
Floor	<u>G Nodeloe</u>	<u>8</u>														
Floor	<u>W Jackson</u>	<u>8</u>														
IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES																
MUD 12 Mn. 2 a.m. 4 a.m. 6 a.m. Additives At Surveys Degree MOTOR HOURS Next Oil Change FUEL																
WEIGHT 1000 LBS 1000 LBS 1000 LBS 1000 LBS 1000 LBS 1000 LBS 1000 LBS 1000 LBS 1000 LBS 1000 LBS 1000 LBS 1000 LBS 1000 LBS 1000 LBS 1000 LBS 1000 LBS 1000 LBS																
VISCOSITY 60 60 60 60 60 60 60 60 60 60 60 60 60 60 60 60 60 60																
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																
Driller	<u>D Aneth</u>	<u>12</u>	<u>1185</u>	<u>7</u>	<u>1192</u>	<u>1</u>										
Derrick	<u>H Burke</u>	<u>12</u>														
Floor	<u>K Burke</u>	<u>12</u>														
Floor	<u>D Gooden</u>	<u>12</u>														
IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES																
MUD 8 a.m. 10 a.m. 12 noon 2 p.m. Additives At Surveys Degree MOTOR HOURS Next Oil Change FUEL																
WEIGHT 9.9 10.5 2500 LBS GEL 1000 LBS WT MATERIAL 2000 LBS WT MATERIAL 10700 LBS GEL 18 SACS SAW DUST																
VISCOSITY 65 42 1000 LBS 2000 LBS 10700 LBS 18 SACS SAW DUST																
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																
Driller	<u>E Poudrier</u>	<u>4</u>	<u>1192</u>	<u>-</u>	<u>1192</u>	<u>0</u>										
Derrick	<u>G Nodeloe</u>	<u>4</u>														
Floor	<u>G Nodeloe</u>	<u>4</u>														
Floor	<u>W Jackson</u>	<u>4</u>														
IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES																
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																
W.L. F.C. pH.																

REMARKS	Time		
	Start	Stop	Interval
Mixing Mud	1200	100	1
Drilling to 1185'	100	500	4
Running DST No 1	500	700	2
Running DST No 2	700	800	
GEN CRUDE RANVIK REEF CREEK G-15			
Company Time 8	Cont'r Time		
MIX MUD	8	9	1
DISPLACE SALT WATER WITH MUD	9	9.30	1/2
DRILLING WITH BIT NO 9	9.30	10.30	1
HOLE FLOWING PULL 200			
MIX MUD & CONDITION HOLE	10.30	3.30	5
PULL OUT TO LOG	3.30	4	1/2
Company Time 8	Cont'r Time		
PULL OUT TO LOG	4	5	1
LOGGING	5	6.15	1.15
RIG UP TO TEST	6.15	7.30	1.15
TIGHTEN YOKE ON DRAW WORKS			
TRANSMISSION	7.30	8	1/2
Make up Packer + Run in end	800	11.30	3 3/4
Open Tool for initial flow.	11.45	12.00	1/4
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 0 Hrs. Toolpusher Al. Trotter
 Total Company Time 24 Hrs. Approved by Norman Paul

SEDCO

DAILY DRILLING REPORT

DAY WORK RECORD

No. 415

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

RIG No. 75 LOCATION *GenCrude Reef Creek Ranvik G-15* AREA *Hay River* DATE *Feb 21/66*

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.	1080	25	1105	4 3/4			No.	O. D.	I. D.	Length	Wgt.			
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. Nadelec</i>	8	7	6 1/4	<i>Reed 4 TIA</i>	<i>E75330</i>			52	7 3/4			BEARING SEIZED			
Floor	<i>G. Nadelec</i>	8														
Floor	<i>W. Jackson</i>	8														
			MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.	Additives				At Surveys Degree	MOTOR HOURS	Next Oil Change	FUEL	
			WEIGHT				105	<i>2500 lbs Gel.</i>				1		Gals.		
			VISCOSITY				36					2		WATER		
			GEL								3		Bbls.			
			Pump Pressure	Model								4		COAL		
			Pump S.P.M.	Model								5		Tons		
			Pump Liner Size	Model												
			W.L.			F.C.	pH.									

REMARKS	Time		
	Start	Stop	Interval
<i>data</i>	1200	4 45	4 3/4
<i>circulating</i>	4 45	8 00	3 1/4
GEN CRUDE RANVIK REEF CREEK G-15			
Company Time 4 3/4 Cont'r Time 3 1/4			

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.	1105	26	1131	4 1/2			No.	O. D.	I. D.	Length	Wgt.			
IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES																
Driller	<i>D. K. Ansteth</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	8	6 1/4	<i>OSC - 1G</i>	<i>61606</i>			26	4 1/2						
Floor	<i>K. Burke</i>	12	7	6 1/4	<i>REED 4 TIA</i>	<i>E75330</i>			52	7 3/4			BEARING SEIZED			
Floor	<i>D. Goodline</i>	12														
			MUD	8 a.m.	10 a.m.	12 noon	2 p.m.	Additives				At Surveys Degree	MOTOR HOURS	Next Oil Change	FUEL	
			WEIGHT				10.4					1		Gals.		
			VISCOSITY				38					2		WATER		
			GEL								3		Bbls.			
			Pump Pressure	Model								4		COAL		
			Pump S.P.M.	Model								5		Tons		
			Pump Liner Size	Model												
			W.L.			F.C.	pH.									

SERVICE RIG				8	8.30	2
TRIP FOR NEW BIT				8.30	11.30	3
DRILLING				11.30	4	4 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.	1131	32	1163	5 1/4			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. Nadelec</i>	4	8	6 1/4	<i>OSC - 1G</i>	<i>61606</i>			58	10 1/4						
Floor	<i>G. Nadelec</i>	4														
Floor	<i>W. Jackson</i>	4														
			MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.	Additives				At Surveys Degree	MOTOR HOURS	Next Oil Change	FUEL	
			WEIGHT				10.4	<i>1500 lbs Gel</i>				1		Gals.		
			VISCOSITY				38					2		WATER		
			GEL								3		Bbls.			
			Pump Pressure	Model								4		COAL		
			Pump S.P.M.	Model								5		Tons		
			Pump Liner Size	Model												
			W.L.			F.C.	pH.									

DRILLING				4	8 00	4
Rig Service				8 00	8 15	1/4
drylg				8 15	9 00	3/4
Mixing Mud Hole Losing Circulation				9 00	10 00	1
drylg				10 00	11 00	1
Pull Back 5 Joints & Mix Mud				11 00	12 00	1
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 3 1/4 Hrs. Toolpusher *Ch. Truett*
 Total Company Time 20 3/4 Hrs. Approved by *Thomas Dord*

SEDCO

DAILY DRILLING REPORT

DAY WORK RECORD

No. 414

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

RIG No. 75 LOCATION Gen Crude Reef Creek Ranvik G-15 AREA Hay River DATE Feb 23/66

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.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION			
Driller	<u>E. Poudrier</u>	<u>8</u>	<u>967</u>	<u>1007</u>	<u>1 1/2</u>				<u>65</u>	<u>48</u>	<u>4 1/2</u>					
Derrick	<u>G. Medeloe</u>	<u>8</u>	<u>6</u>	<u>6 1/4</u>	<u>Reed Y T 1 A</u>	<u>E26023</u>			<u>15</u>	<u>10 1/4</u>	<u>4 1/2</u>					
Floor	<u>G. Medeloe</u>	<u>8</u>	<u>5</u>	<u>6 1/4</u>	<u>Reed Y T 1 A</u>	<u>E26024</u>			<u>65</u>	<u>48</u>	<u>4 1/2</u>					
Floor	<u>W. Jackson</u>	<u>8</u>														
MUD 12 Mn. 2 a.m. 4 a.m. 6 a.m. Additives WEIGHT <u>10.4</u> VISCOSITY <u>118</u> GEL Pump Pressure Model Pump S.P.M. Model Pump Liner Size Model W.L. F.C. pH.																
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 <u>6</u> <u>6 1/4</u> <u>Reed Y T 1 A</u> <u>E26023</u> <u>57</u> <u>9</u> MUD 8 a.m. 10 a.m. 12 noon 2 p.m. Additives WEIGHT <u>10.1</u> <u>10.4</u> <u>2000 LBS WT MATERIAL</u> VISCOSITY <u>42</u> <u>39</u> 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. <u>1007</u> <u>42</u> <u>1049</u> <u>6 1/2</u> 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 <u>6</u> <u>6 1/4</u> <u>Reed Y T 1 A</u> <u>E26023</u> <u>57</u> <u>9</u> MUD 8 a.m. 10 a.m. 12 noon 2 p.m. Additives WEIGHT <u>10.1</u> <u>10.4</u> <u>2000 LBS WT MATERIAL</u> VISCOSITY <u>42</u> <u>39</u> GEL Pump Pressure Model Pump S.P.M. Model Pump Liner Size Model W.L. F.C. pH.																
Driller <u>D. K. Smith</u> <u>12</u> Derrick <u>H. Burke</u> <u>12</u> Floor <u>K. Burke</u> <u>12</u> Floor <u>D. Gooden</u> <u>12</u> MUD 8 a.m. 10 a.m. 12 noon 2 p.m. Additives WEIGHT <u>10.1</u> <u>10.4</u> <u>2000 LBS WT MATERIAL</u> VISCOSITY <u>42</u> <u>39</u> 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. <u>1049</u> <u>1086</u> <u>4</u> 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 <u>6</u> <u>6 1/4</u> <u>Reed Y T 1 A</u> <u>E26023</u> <u>61</u> <u>10</u> <u>7</u> <u>6 1/4</u> <u>Reed Y T 1 A-R</u> <u>E25330</u> <u>27</u> <u>3</u> MUD 4 p.m. 6 p.m. 8 p.m. 10 p.m. Additives WEIGHT <u>10.5</u> <u>10.2</u> <u>16.4</u> <u>WT MATERIAL 1000 LB</u> VISCOSITY <u>43</u> <u>36</u> <u>1/2</u> GEL Pump Pressure Model Pump S.P.M. Model Pump Liner Size Model W.L. F.C. pH.																

REMARKS	Time		
	Start	Stop	Interval
Round Trip for New Bit	1200	1000	4
drdg to 992'	1200	1000	4
Round Trip for New bit	1100	530	1 1/2
drdg with Bit No 6	530	800	2 1/2
GEN CRUDE RANVIK REEF CREEK G-15			
Company Time 8	Cont'r Time		
DRILLING	8	11	3
SERVICE RIG CHECK B.O.P.	11	11.30	1/2
MIX MUD	11.30	12.00	1/2
Drilling	12.00	12.30	1/2
Change valve seat in pump.	12.30	1.00	1/2
Drilling	1.00	4	3
Company Time 8	Cont'r Time		
Drilling to 1053'	4	5	1
TRIP FOR NEW BIT	5	8	3
drdg with Bit No 7	800	900	1
Condition mud	900	1000	1
drdg	1000	1200	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. Walter
 Total Company Time 24 Hrs. Approved by Norman Paul

SEDCO

DAILY DRILLING REPORT

DAY WORK RECORD

No. 413

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

RIG No. 75 LOCATION Gen Crude Ranvik Reef Creek G-15 AREA Hay River DATE Feb 22 1961

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.	934	—	934	0			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. Madolec	8	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION				
Floor	G. Madolec	8	1	5	1/4 Red	121024			7	1/2	50	1					
Floor	W. Jackson	8															
			MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.	Additives	At Surveys Degree		MOTOR HOURS		Next Oil Change	FUEL			
			WEIGHT									1			Gals.		
			VISCOSITY									2			WATER		
			GEL									3			Bbls.		
			Pump Pressure	Model								4			COAL		
			Pump S.P.M.	Model								5			Tons		
			Pump Liner Size	Model													
			General														
			W.L.	F.C.		pH.											
Tour — 8 a.m. to 4 p.m.		Hrs.	934	4	938	4 1/2			DRILL COLLARS				C.B. Ft.	Subs Ft.	Ft. Up On Kelly		
Specify actual hours worked			934	4	938	4 1/2			No.	O. D.	I. D.	Length	Wgt.				
Driller	D. K. Smith	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	H. Burke	12	1	5	1/4 REED UTIA	E26024			11	1 1/2	49	4 3/4					
Floor	D. Froodine	12															
			MUD	8 a.m.	10 a.m.	12 noon	2 p.m.	Additives	At Surveys Degree		MOTOR HOURS		Next Oil Change	FUEL			
			WEIGHT			10.8		500 LBS WT MATERIAL				1			Gals.		
			VISCOSITY			60		3000 LBS WT MATERIAL				2			WATER		
			GEL					1000 LBS GEL				3			Bbls.		
			Pump Pressure	Model								4			COAL		
			Pump S.P.M.	Model								5			Tons		
			Pump Liner Size	Model													
			General														
			W.L.	F.C.		pH.											
Tour — 4 p.m. to Midnight		Hrs.	938	4 1/2	967	5	12		DRILL COLLARS				C.B. Ft.	Subs Ft.	Ft. Up On Kelly		
Specify actual hours worked			938	4 1/2	967	5	12		No.	O. D.	I. D.	Length	Wgt.				
Driller	F. Poudrier	4	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES														
Derrick	G. Madolec	4	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION				
Floor	G. Madolec	4	1	5	1/4 Red UTIA	E26024	10000		40	6 1/2	48	4 3/4					
Floor	W. Jackson	4															
			MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.	Additives	At Surveys Degree		MOTOR HOURS		Next Oil Change	FUEL			
			WEIGHT			10.3 9.8		600 2500 lbs				1			Gals.		
			VISCOSITY			40 35		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														
			W.L.	F.C.		pH.											

GEN CRUDE RANVIK REEF CREEK
G-15

Company Time 0 Cont'r Time 8

REMARKS	Start	Stop	Interval
MOTOR LEAKING WATER	12:00	8:00	8
LOST OIL ON RIG MOTOR			
SERVICE RIG			
MIX MUD	8:30	9	1/2
RUN IN TIGHT HOLE 810'	9	9:45	3/4
MIX MUD	9:45	10:45	1
DISPLACE HOLE WITH DRG MUD	10:45	11:30	3/4
REAM 916' TO 934	11:30	3:30	4
DRILLING	3:30	4	1/2

Company Time 8 Cont'r Time

REMARKS	Start	Stop	Interval
DRILLING	4	4:30	1/2
CHANGE KELLY HOSE	4:30	5:30	1
DRILLING	5:30	9:30	4
MIXING MUD	9:30	11:30	2
DRG	11:30	12:30	1/2

Company Time 8 Cont'r Time

Total Contractor Time 8 Hrs. Toolpusher M. Watter
Total Company Time 16 Hrs. Approved byTotco Ring on Bit No. D.P. Calipered Date Results From Pipe Rack
B.O.P. Test-Operated Time Results
FORM E-2

SEDCO

DAILY DRILLING REPORT

DAY WORK RECORD

No. 412

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

RIG No. 75 LOCATION Gen Crude Rarvik Reef Creek AREA Hay River DATE Feb. 21/66

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	908	17	926	3 1/2	11		4	4 1/4	2 1/4			34.45	201	9		
Derrick	G. Medelec	8	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES															
Floor	G. Medelec	8	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION					
Floor	W. Jackson	8	4A	4 1/2	Christensen	EC2513	500	60	10	2								
			MUD					12 Mn.	2 a.m.	4 a.m.	6 a.m.	Additives		At Surveys Degree	MOTOR HOURS	Next Oil Change	FUEL	
			WEIGHT											1			Gals.	
			VISCOSITY											2			WATER	
			GEL											3			Bbls.	
			Pump Pressure	Model									4				COAL	
			Pump S.P.M.	Model									5				Tons	
			Pump Liner Size	Model														
			General					Size	TRIPS	No. Lines	TON MILES	TOTAL MILES	Slip	Feet or	Cut	Feet Left on Spool	Next Slip	
			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.								No.	O. D.	I. D.	Length	Wgt.				
Driller	D. Ameth	12	926	8	934	1								34.45	2.01	1		
Derrick	H. Burke	12	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES															
Floor	K. Burke	12	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION					
Floor	D. Goodwin	12	4A	4 1/2	Christensen	EC2513	500	60	18	2 1/4								
			MUD					8 a.m.	10 a.m.	12 noon	2 p.m.	Additives		At Surveys Degree	MOTOR HOURS	Next Oil Change	FUEL	
			WEIGHT					10.3						1			Gals.	
			VISCOSITY					58						2			WATER	
			GEL											3			Bbls.	
			Pump Pressure	Model									4				COAL	
			Pump S.P.M.	Model									5				Tons	
			Pump Liner Size	Model														
			General					Size	TRIPS	No. Lines	TON MILES	TOTAL MILES	Slip	Feet or	Cut	Feet Left on Spool	Next Slip	
			W.L.					F.C.	pH.	General CORE NO2 916'-934' Recovery 18.0'								
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	934	—	934	0												
Derrick	G. Medelec	4	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES															
Floor	G. Medelec	4	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION					
Floor	W. Jackson	4	5	6 1/4	Reed Y1A	E26024			7	3/4	30	1						
			MUD					4 p.m.	6 p.m.	8 p.m.	10 p.m.	Additives		At Surveys Degree	MOTOR HOURS	Next Oil Change	FUEL	
			WEIGHT											1			Gals.	
			VISCOSITY											2			WATER	
			GEL											3			Bbls.	
			Pump Pressure	Model									4				COAL	
			Pump S.P.M.	Model									5				Tons	
			Pump Liner Size	Model														
			General					Size	TRIPS	No. Lines	TON MILES	TOTAL MILES	Slip	Feet or	Cut	Feet Left on Spool	Next Slip	
			W.L.					F.C.	pH.									

REMARKS	Time		
	Start	Stop	Interval
Reaming + Drill to 916	1200	130	1 1/2
Circulate Hole Clean	130	200	1/2
Pull out	200	330	1 1/2
Pick up + service Core Barrel	330	400	1/2
Run in	400	530	1 1/2
Circulate	530	600	1/2
Cutting core #2	600	800	2
GEN CRUDE RANVIK REEF CREEK G-15			
Company Time	8	Cont'r Time	
CORING 926 TO 934	8	9	1
SERVICE RIG CHANGE OIL			
IN G.M. DIESEL	9	11.30	2 1/2
PULL OUT	11.30	2	2 1/2
REMOVE CORE	2	3	1
RUN IN DRILL COLLARS	3	4	1
21 SINGLE CLOSE WELL			
IN (HOLE FLOWING)			
Company Time	8	Cont'r Time	
PUMP OUT PITS	4	5	1
HOOK UP FLARE LINE	5	6	1
MIX MUD + Condition Hole	6	12	6
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 0 Hrs.
Total Company Time 24 Hrs.

Toolpusher *Al Wattie*
Approved by *John Paul*

SEDCO

DAILY DRILLING REPORT

DAY WORK RECORD

No. 411

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

RIG No. 75 LOCATION Gen Crude Ranvik Reef Creek G-15 AREA Hux River DATE Feb 20/66

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	879	-	879	0											
Derrick G. Madeloc	8															
Floor G. Madeloc	8															
Floor W. Jackson	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				
		MUD				12 Mn.	2 a.m.	4 a.m.	6 a.m.	Additives		At Surveys	Degree	MOTOR HOURS	Next Oil Change	FUEL
		WEIGHT				10.4	9			8500 Gel				1		Gals.
		VISCOSITY				45	51			1100 wt Material				2		WATER
		GEL												3		Bbls.
		Pump Pressure	Model											4		COAL
		Pump S.P.M.	Model											5		Tons
		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.		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 D. Smith	12	879	28	907	3 1/4	5										
Derrick H. Burke	12															
Floor H. Burke	12															
Floor D. Gooden	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				
		MUD				8 a.m.	10 a.m.	12 noon	2 p.m.	Additives		At Surveys	Degree	MOTOR HOURS	Next Oil Change	FUEL
		WEIGHT				10.4				2900 wt MATERIAL				1		Gals.
		VISCOSITY				53				3500 GEL				2		WATER
		GEL												3		Bbls.
		Pump Pressure	Model											4		COAL
		Pump S.P.M.	Model											5		Tons
		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 — 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	907	2	909	1/4											
Derrick G. Madeloc	4															
Floor G. Madeloc	4															
Floor W. Jackson	4															
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				
		MUD				4 p.m.	6 p.m.	8 p.m.	10 p.m.	Additives		At Surveys	Degree	MOTOR HOURS	Next Oil Change	FUEL
		WEIGHT				10.6								1		Gals.
		VISCOSITY				85								2		WATER
		GEL												3		Bbls.
		Pump Pressure	Model											4		COAL
		Pump S.P.M.	Model											5		Tons
		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. 1 879'-909' Recovery 27.5'										
		W.L.	F.C.	pH.												

REMARKS	Time		
	Start	Stop	Interval
Mix Mud	12:00	2:30	2 1/2
Circulate	2:30	4:00	1 1/2
Mix Mud + weight Material	4:00	8:00	4:00
GEN CRUDE RANVIK REEF GREEN G-15			
Company Time 8	Cont'r Time 0		
MIX MUD	8	9	1
RUN IN TO BOTTOM	9	10	1
CIRCULATE CONDITION HOLE	10	12	2
CHECK RPM PUMP STROKE ETC	12	12.45	45
CORING 879' TO 907	12.45	4	3.15
Company Time 8	Cont'r Time 0		
CORING 907' TO 909'	4	4.20	.20
PULL OUT	4.20	6.30	1.50
CLEAN UP & REMOVE CORE	6.30	8	
Stream out & lay down core	8:00	9:00	1
Barrel			
Rig Service	9:00	9:30	
Run in to stream core hole	9:30	11:00	1 1/2
Running (390' at midnight)	11:00	12:00	1
Company Time 8	Cont'r Time 0		

Totco Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____
 B.O.P. Test-Operated _____ Time _____ Results _____
 FORM 3-2

Total Contractor Time 0 Hrs. Toolpusher *Al. Partridge*
 Total Company Time 24 Hrs. Approved by *Norman Bond*

DAILY DRILLING REPORT

DAY WORK RECORD

No 410

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

RIG No. 75 LOCATION *Hen Trade Reef Creek Ranvik G-15* AREA *May River* DATE *Feb 19/66*

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.	879	-	879	-			No.	O. D.	I. D.	Length	Wgt.										
Driller	Poudrier	8	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES																				
Derrick	Medelec	8	B	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION									
Floor	Medelec	8	I																				
Floor	Jackson	8	T																				
Floor			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																				Gals.
Motor			VISCOSITY																				WATER
Mechanic			GEL																				Bbls.
Extra			Pump Pressure	Model																	COAL		
Injuries:			Pump S.P.M.	Model																	Tons		
Fires:			Pump Liner Size	Model																			
			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.	879	-	879	0			No.	O. D.	I. D.	Length	Wgt.			1203							
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. Goodie	12	T																				
Floor			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																				Gals.
Motor			VISCOSITY																				WATER
Mechanic			GEL																				Bbls.
Extra			Pump Pressure	Model																	COAL		
Injuries:			Pump S.P.M.	Model																	Tons		
Fires:			Pump Liner Size	Model																			
			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.	879	-	879	0			No.	O. D.	I. D.	Length	Wgt.										
Driller	E Poudrier	4	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES																				
Derrick	Gerald Medelec	4	B	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION									
Floor	Gary Medelec	4	I																				
Floor	W. Jackson	4	T																				
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																				Gals.
Motor			VISCOSITY																				WATER
Mechanic			GEL																				Bbls.
Extra			Pump Pressure	Model																	COAL		
Injuries:			Pump S.P.M.	Model																	Tons		
Fires:			Pump Liner Size	Model																			
			W.L.										F.C.		pH.								

REMARKS	Time		
	Start	Stop	Interval
Waiting on parts for fan on G.M. Fan bearing	12:00	8:00	8
GEN CRUDE RAINVIK REEF CREEK G-15			
Company Time 3 Cont'r Time 8			
Waiting on parts for fan on G.M. Fan bearing	8:00		
Company Time 0 Cont'r Time 8			
Waiting on parts for G.M. Fan bearing	1:00	6:30	2 1/2
Replace bearings	6:30	8:00	1 1/2
Run in with core bit	8:00	9:00	1
Pump Pits	9:00	10:00	1
Mix Mud + weight Material	10:00	12:00	2
Company Time 4 Cont'r Time 4			

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 20 Hrs.

Total Company Time 4 Hrs.

Toolpusher A. Trotter

Approved by Norman Paul

DAILY DRILLING REPORT

DAY WORK RECORD

No 409

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

RIG No. 75 LOCATION GenCrude Reef Creek Ranch G-15 AREA Ho. River DATE Feb 18/66

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.	879	-	879	0			No.	O. D.	I. D.	Length	Wgt.						
IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES																			
Driller	Poudrier	8	B	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION					
Derrick	Nedelec	8	I																
Floor	Nedelec	8	T																
Floor	Jackson	8	S																
MUD			12 Mn.	2 a.m.	4 a.m.	6 a.m.	Additives			At Surveys Degree		MOTOR HOURS		Next Oil Change		FUEL			
WEIGHT												1				Gals			
VISCOSITY												2				WATER			
GEL												3				Bbls			
Pump Pressure	Model											4				COAL			
Pump S.P.M.	Model											5				Ton			
Injuries:									Size	TRIPS	No. Lines	TON MILES	TOTAL MILES	Slip	Feet or Cut	Feet Left on Spool	Next Slip		
Fires:									General										
			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 Kelly			
Specify actual hours worked		Hrs.	879	-	879	0			No.	O. D.	I. D.	Length	Wgt.			19			
IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES																			
Driller	Schneider	12	B	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION					
Derrick	H. Burke	12	I																
Floor	K. Burke	12	T																
Floor	D. Goodime	12	S																
MUD			8 a.m.	10 a.m.	12 noon	2 p.m.	Additives			At Surveys Degree		MOTOR HOURS		Next Oil Change		FUEL			
WEIGHT												1				1416 Gals			
VISCOSITY												2				WATER			
GEL												3				Bbls			
Pump Pressure	Model											4				COAL			
Pump S.P.M.	Model											5				Ton			
Injuries:									Size	TRIPS	No. Lines	TON MILES	TOTAL MILES	Slip	Feet or Cut	Feet Left on Spool	Next Slip		
Fires:									General										
			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 Kelly			
Specify actual hours worked		Hrs.	879	-	879	0			No.	O. D.	I. D.	Length	Wgt.						
IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES																			
Driller	Poudrier	4	B	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION					
Derrick	Nedelec	4	I																
Floor	Nedelec	4	T																
Floor	Jackson	4	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												1				Gals			
VISCOSITY												2				WATER			
GEL												3				Bbls			
Pump Pressure	Model											4				COAL			
Pump S.P.M.	Model											5				Ton			
Injuries:									Size	TRIPS	No. Lines	TON MILES	TOTAL MILES	Slip	Feet or Cut	Feet Left on Spool	Next Slip		
Fires:									General										
			W.L.	F.C.	pH.														

REMARKS	Time		
	Start	Stop	Interval
Repair Pump drive	12:00	7:00	
Prime Pumps + Repair Repair	7	8:00	
Shale Snaker Cord			
GEN CRUDE RANVIK REEF CREEK			
G-15			
Company Time 0	Cont'r Time 8		
Run in hole Check B.O.P.	8:00	9:00	1
Pull out of hole pump	9:00	11:00	2
repair			
Company Time 0	Cont'r Time 8		
WAIT ON pump repair	4:00	6:15	2 $\frac{1}{4}$
put pump bearing in	6:15	8:00	1 $\frac{3}{4}$
pump out PITS	8:00	8:30	$\frac{1}{2}$
wait on parts for fan	8:30	12	3 $\frac{1}{2}$
on G.M fan bearing			
Company Time 0	Cont'r Time 8		

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 24 Hrs.

Total Company Time 0 Hrs.

Toolpusher..... A. Walker

Approved by Harmon Boulton

SEDCO

DAILY DRILLING REPORT

DAY WORK RECORD

No. 408

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

RIG No. 75 LOCATION Gen Crude Rarvik Reef Creek G-15 AREA Harp River DATE Feb 12/64

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		Hrs.	878	-	978				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. Medelac	8	4	6 1/4	Hughes OSC3	63571										
Floor	G. Medelac	8														
Floor	W. Jackson	8														
MUD		12 Mn.	2 a.m.	4 a.m.	6 a.m.	Additives			At Surveys Degree		MOTOR HOURS		Next Oil Change		FUEL	
WEIGHT				9.9		50x65 caustic					1				Gals.	
VISCOSITY				36		5600 Gal					2				WATER	
GEL						5200 WT. MATERIAL					3				Bbls.	
Pump Pressure		Model										4				COAL
Pump S.P.M.		Model										5				Tons
Pump Liner Size		Model														
Injuries:																
Fires:																

REMARKS	Time		
	Start	Stop	Interval
Waiting on Mud + weight material	1200	330	2 1/2
Run in	330	400	3/4
Pump out pits	400	445	1/2
Mix Mud + weight material	445	800	3 1/4
GEN CRUDE RANVIK REEF CREEK			
G-15			
Company Time 8 Cont'r Time 0			

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.	878	1	879	1/4			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	4	6 1/4	Hughes OSC3	63571										
Floor	K. Burke	12														
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	
WEIGHT		9.9				5500 5500 LBS Pul					1				Gals.	
VISCOSITY		37				1800 WT. material					2				WATER	
GEL											3				Bbls.	
Pump Pressure		Model										4				COAL
Pump S.P.M.		Model										5				Tons
Pump Liner Size		Model														
Injuries:																
Fires:																

REMARKS	Time		
	Start	Stop	Interval
Mix mud + weight material	8:00	10:11	2
Circulating	10:00	10:30	1/2
Drilling 878'-879'	10:30	10:45	1/4
Circulating	10:45	11:30	1/2
Run out of hole	11:30	1:30	2
Get core TOOL ready	1:30	2:00	1/2
Run in hole	2:00	4:00	2
Company Time 8 Cont'r Time 0			

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.	879	-	879	0			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	Gary Medelac	4														
Floor	Gerald Medelac	4														
Floor	W. Jackson	4														
MUD		4 p.m.	6 p.m.	8 p.m.	10 p.m.	Additives			At Surveys Degree		MOTOR HOURS		Next Oil Change		FUEL	
WEIGHT											1				Gals.	
VISCOSITY											2				WATER	
GEL											3				Bbls.	
Pump Pressure		Model										4				COAL
Pump S.P.M.		Model										5				Tons
Pump Liner Size		Model														
Injuries:																
Fires:																

REMARKS	Time		
	Start	Stop	Interval
Run in hole	4:00	5:00	1
Repair Pump drive	5:00	8:00	3
Repair Pump drive		1200	
Company Time 1 Cont'r Time 7			

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 1 Hrs. Toolpusher Al Watte
 Total Company Time 17 Hrs. Approved by Roman Paul

SEDCO

DAILY DRILLING REPORT

DAY WORK RECORD

No. 407

RIG No. 75 LOCATION Gen Crude Ranvik Reef Creek, G.15 AREA Hay River DATE Feb 16/66

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									No.	O. D.	I. D.	Length	Wgt.		
Driller	E. Poudrier	8	878	—	878	0									
Derrick	G. Medeleec	8													
Floor	G. Medeleec	8													
Floor	W. Jackson	8													
MOTOR HOURS		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 1/4 Reedy T/A ENS016 85 8													
MUD		12 Mn. 2 a.m. 4 a.m. 6 a.m. Additives At Surveys Degree MOTOR HOURS Next Oil Change FUEL WEIGHT 2400 LBS Hel VISCOSITY GEL Pump Pressure Model Model Pump S.P.M. Model Model Pump Liner Size Model Model 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									No.	O. D.	I. D.	Length	Wgt.		
Driller	SCHNEIDER	12	878	0	878	0									
Derrick	H. Burke	12													
Floor	H. Burke	12													
Floor	D. Goodine	12													
MOTOR HOURS		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 4 1/4 HUGHER OSC3 63571													
MUD		8 a.m. 10 a.m. 12 noon 2 p.m. Additives At Surveys Degree MOTOR HOURS Next Oil Change FUEL WEIGHT 2200 LBS Hel VISCOSITY 1900 LBS Hel. GEL Pump Pressure Model Model Pump S.P.M. Model Model Pump Liner Size Model Model 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									No.	O. D.	I. D.	Length	Wgt.		
Driller	E. Poudrier	4	878	—	878	0									
Derrick	G. Medeleec	4													
Floor	G. Medeleec	4													
Floor	W. Jackson	4													
MOTOR HOURS		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 4 1/4 H/W OSC-3 63571													
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 Model Pump S.P.M. Model Model Pump Liner Size Model Model W.L. F.C. pH.													

REMARKS	Time		
	Start	Stop	Interval
Breaking collars	12:00	5:30	5 1/2
Pumping PITS + Mixing Mud	5:30		
		8:00	2 1/2
GEN CRUDE RANVIK REEF CREEK G-15			
Company Time 3	Cont'r Time 5		
Mixing mud Check B.O.P.	8:00	9:30	1 1/2
Run back in hole	9:30	1:00	3 1/2
Mix mud flowing well	1:00	2:00	1
run back in hole and circulating	2:00	4:00	2
Run back in hole and circulating			
Company Time 8	Cont'r Time 0		
run back in hole and circulating	4:00	5:00	1
Pull out of hole 22 single	5:00	6:00	1
pump out pits	6:00	8:00	2
waiting on mud	8:00	12:00	4
Company Time 8	Cont'r Time 0		

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 5 Hrs.

Total Company Time 19 Hrs.

Toolpusher D. K. Anroth

Approved by Norman Deul

SEDCO

DAILY DRILLING REPORT

DAY WORK RECORD

No. 406

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

RIG No. 75 LOCATION *Hay River Ranch Reef Creek G-15* AREA *Hay River* DATE *Feb 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 <i>E. Poudrier</i>	8	799	0	799	0												
Derrick <i>G. Nodeloe</i>	8																
Floor <i>G. Nodeloe</i>	8																
Floor <i>W. Jackson</i>	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					
		1	3/4	Y T3	EN5026			6	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												1		Gals.	
		VISCOSITY												2		WATER	
		GEL												3		Bbls.	
		Pump Pressure	Model											4		COAL	
		Pump S.P.M.	Model											5		Tons	
		Pump Liner Size	Model														
		General															
		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.								No.	O. D.	I. D.	Length	Wgt.				
Driller <i>SCHNEIDER</i>	12	853	55	854	4 3/4			19	8	4 3/4	2 1/2	22203	12000	92	9		
Derrick <i>H. Burke</i>	12																
Floor <i>K. Burke</i>	12																
Floor <i>D. Goodine</i>	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					
		1	3/4	Y T3	EN5026			61	5 1/4								
		MUD					8 a.m.	10 a.m.	12 noon	2 p.m.	Additives	At Surveys	Degree	MOTOR HOURS	Next Oil Change	FUEL	
		WEIGHT												1		Gals.	
		VISCOSITY												2		WATER	
		GEL												3		Bbls.	
		Pump Pressure	Model											4		COAL	
		Pump S.P.M.	Model											5		Tons	
		Pump Liner Size	Model														
		General															
		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.								No.	O. D.	I. D.	Length	Wgt.				
Driller <i>E. Poudrier</i>	4	854	24	878	2 3/4												
Derrick <i>G. Nodeloe</i>	4																
Floor <i>G. Nodeloe</i>	4																
Floor <i>W. Jackson</i>	4																
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					
		1	3/4	Y T3	EN5026			85	8								
		MUD					4 p.m.	6 p.m.	8 p.m.	10 p.m.	Additives	At Surveys	Degree	MOTOR HOURS	Next Oil Change	FUEL	
		WEIGHT												1		Gals.	
		VISCOSITY												2		WATER	
		GEL												3		Bbls.	
		Pump Pressure	Model											4		COAL	
		Pump S.P.M.	Model											5		Tons	
		Pump Liner Size	Model														
		General															
		W.L.	F.C.	pH.													

GEN CRUDE RANVIK REEF CREEK
G-15

REMARKS	Start	Stop	Interval
working on air compressor	1200	800	8
Company Time 0	Cont'r Time 8		
Rig service Check B.O.P.	8:00	8:30	1/2
working on air compressor	8:30	10:45	2 1/2
Drilling	10:45	1:30	2 3/4
mix mud	1:30	2:00	1/2
Drilling	2:00	4:00	2
Company Time 5 3/4	Cont'r Time 2 1/4		
Drilling	4:00	6:00	2
pump out pits	6:00	6:45	7
Drilling	6:45	7:30	3/4
Pull out Hole Flowing	7:30	8:30	1
Sulphurous water			
Pump out Pits + Fishing	8:30	1200	3 1/2
Box Twist off + Pull fish			
Company Time 4 1/2	Cont'r Time 3 1/2		

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 *13 3/4* hrs. Toolpusher *D. K. Smith*
 Total Company Time *10 1/4* hrs. Approved by *Norman Roul*

SEDCO

DAILY DRILLING REPORT

DAY WORK RECORD

No. 405

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

RIG No. 75 LOCATION Gen Crude Ranvik Reef Creek G-15 AREA Hay River DATE Feb. 14, 1966

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>	<u>8</u>	<u>723</u>	<u>80</u>	<u>793</u>	<u>13 1/4</u>									<u>7</u>
Derrick	<u>G. Nedelec</u>	<u>8</u>	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES												
Floor	<u>G. Nedelec</u>	<u>8</u>	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION		
Floor	<u>W. Jackson</u>	<u>8</u>	<u>2</u>	<u>1 1/4</u>	<u>Reedy TIA</u>	<u>E16148</u>			<u>189</u>	<u>13 1/4</u>					
			MUD <u>6</u> 12 Mn. 2 a.m. 4 a.m. 6 a.m. Additives				At Surveys Degree				MOTOR HOURS		Next Oil Change		FUEL
			WEIGHT								1				Gals.
			VISCOSITY								2				WATER
			GEL								3				Bbls.
			Pump Pres- Model								4				COAL
			Pump S.P.M. Model								5				Tons
			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.		Hrs.	<u>793</u>	<u>0</u>	<u>793</u>	<u>13 1/4</u>			<u>12</u>	<u>6</u>	<u>4 3/4</u>	<u>2 1/4</u>	<u>16</u>	<u>95</u>	<u>9</u>
Driller	<u>SCHNIDER</u>	<u>12</u>	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES												
Derrick	<u>H. Burke</u>	<u>12</u>	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION		
Floor	<u>H. Burke</u>	<u>12</u>	<u>2</u>	<u>6 1/4</u>	<u>Reedy TIA</u>	<u>E16148</u>			<u>188</u>	<u>13 1/4</u>					
Floor	<u>D. Goodine</u>	<u>12</u>	<u>3</u>	<u>6 1/4</u>	<u>Reedy T3</u>	<u>ENS026</u>									
			MUD <u>8</u> a.m. 10 a.m. 12 noon 2 p.m. Additives				At Surveys Degree				MOTOR HOURS		Next Oil Change		FUEL
			WEIGHT								1				Gals.
			VISCOSITY								2				WATER
			GEL								3				Bbls.
			Pump Pres- Model								4				COAL
			Pump S.P.M. Model								5				Tons
			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 — 4 p.m. to Midnight		Hrs.	<u>793</u>	<u>6</u>	<u>799</u>	<u>12</u>									<u>1</u>
Driller	<u>E. Poudrier</u>	<u>4</u>	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES												
Derrick	<u>Gerald Nedelec</u>	<u>4</u>	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION		
Floor	<u>Gary Nedelec</u>	<u>4</u>	<u>3</u>	<u>6 1/4</u>	<u>Reedy T3</u>	<u>ENS026</u>			<u>6</u>	<u>12</u>					
Floor	<u>W. Jackson</u>	<u>4</u>	MUD <u>4</u> p.m. 6 p.m. 8 p.m. 10 p.m. Additives				At Surveys Degree				MOTOR HOURS		Next Oil Change		FUEL
			WEIGHT								1				Gals.
			VISCOSITY <u>42</u>								2				WATER
			GEL								3				Bbls.
			Pump Pres- Model								4				COAL
			Pump S.P.M. Model								5				Tons
			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
<u>drylg</u>	<u>1200</u>	<u>600</u>	<u>6</u>
<u>Broke down yoke on Rotary</u>	<u>100</u>	<u>800</u>	<u>2</u>
<u>Transmission drive</u>			
GEN CRUDE RANVIK REEF CREEK G-15			
Company Time <u>6</u> Cont'r Time <u>2</u>			
<u>Rig Service Check B.O.P</u>	<u>800</u>	<u>830</u>	<u>1/2</u>
<u>Trip for N.B. Blowout</u>	<u>830</u>	<u>1130</u>	<u>3</u>
<u>Wait on parts for rotary</u>	<u>1130</u>	<u>400</u>	<u>4 1/2</u>
<u>Transmission</u>			
Company Time <u>1/2</u> Cont'r Time <u>7 1/2</u>			
<u>Wait on parts for rotary</u>	<u>400</u>	<u>800</u>	<u>400</u>
<u>Transmission drive</u>			
<u>Repair drive</u>	<u>800</u>	<u>900</u>	<u>100</u>
<u>Run in</u>	<u>900</u>	<u>1000</u>	<u>1</u>
<u>Water flowing sulphurous</u>	<u>1000</u>	<u>1130</u>	<u>1 1/2</u>
<u>water Pump Pits +</u>			
<u>Mix Mud</u>			
<u>drylg</u>	<u>1130</u>	<u>1200</u>	<u>1/2</u>
Company Time <u>3</u> Cont'r Time <u>5</u>			

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 14 1/2 Hrs.
 Total Company Time 9 1/2 Hrs.

Toolpusher D. K. Smith
 Approved by Norman Bond

SEDCO

DAILY DRILLING REPORT

DAY WORK RECORD

No. 404

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

RIG No. 75 LOCATION Gen. Crude Rarvik Reef Creek Area Hwy. River DATE Feb 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.	258	286	544	64	5000	9	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	Gerald Nedekec	8	1	1/4	Reed y T3	E05059	5000	90	336	7					
Floor	Gary Nedekec	8													
Floor	W Jackson	8													
MUD		12 Mn.	2 a.m.	4 a.m.	6 a.m.	Additives		At Surveys Degree		MOTOR HOURS		Next Oil Change		FUEL	
WEIGHT															
VISCOSITY		26													
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.		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.	544	61	605	11	11	8	4 3/4	2 1/4	222.03	12	.92	4.41	
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	1/4	Reed y T3	E05059	70	398	112						
Floor	K. Burke	12	2	1/4	Reed y T3	E16148									
Floor	Goodime	12													
MUD		8 a.m.	10 a.m.	12 noon	2 p.m.	Additives		At Surveys Degree		MOTOR HOURS		Next Oil Change		FUEL	
WEIGHT		300 LBS Gel													
VISCOSITY		34													
GEL															
Pump Pressure	Model														
Pump S.P.M.	Model														
Pump Liner Size	Model														
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.	605	118	723	7 1/4	8	4 3/4	2 1/4	222.03	12	.92	4.41		
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	Gerald Nedekec	4	2	1/4	Reed y T3	E16148			118	7 1/4					
Floor	Gary Nedekec	4													
Floor	W Jackson	4													
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		40													
GEL															
Pump Pressure	Model														
Pump S.P.M.	Model														
Pump Liner Size	Model														
W.L.		F.C.	pH.												

REMARKS	Time		
	Start	Stop	Interval
drlg	1200	300	3
work on air lines	300	400	1
drlg	400	715	3 1/4
min Mud	715	800	3/4
GEN CRUDE RANVIK REEF CREEK			
G-15			
Company Time	8	Cont'r Time	0
Mix mud Check B.O.P.O.K.	8:00	8:30	1/2
Fix Kelly guide's	8:30	8:45	1/4
Rig Service	8:45	9:15	1/2
drlg	9:15	2:15	5
Trip for a N.B	2:15	4:00	1 3/4
Company Time	8	Cont'r Time	0
Trip for a N.B	4:00	4:30	1/2
drlg	4:30	800	3 1/4
Rig Service	8:00	8:55	1/4
drlg	8:15	1200	3 3/4
Company Time	0	Cont'r Time	0

Totco Ring on Bit No. _____ D.P. Calipers Date _____ Results _____ From Pipe Rack _____
 B.O.P. Test-Operated _____ Time _____ Results _____
 FORM E-2
 Total Contractor Time _____ Hrs. Toolpusher G. J. Delland
 Total Company Time 24 Hrs. Approved by Norman Paul

DAILY DRILLING REPORT

DAY WORK RECORD

No 403

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

RIG No. 75 LOCATION Gen Crader Ravine Reef Creek B-15 AREA Hay River DATE ~~Feb 12/66~~ Feb 12/66

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.	207	—	207	—				No.	O. D.	I. D.	Length	Wgt.				
Driller <i>E. Poudrier</i>	8	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES															
Derrick <i>Gerald Nedelec</i>	8	B	No.	Size	Type & Jet Size		Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION			
Floor <i>Gary Nedelec</i>	8	I															
Floor <i>W. Jackson</i>	8	T															
Floor		S															
Floor		MUD		12 Mn.	2 a.m.	4 a.m.	6 a.m.	Additives				At Surveys	Degree	MOTOR HOURS	Next Oil Change	FUEL	
Motor		WEIGHT												1		Gals	
Mechanic		VISCOSITY												2		WATER	
Extra		GEL												3		Bbls	
		Pump Pressure	Model											4		COAL	
			Model											5		Ton	
Injuries:		Pump S.P.M.	Model					Size	TRIPS	No. Lines	TON MILES	TOTAL MILES	Slip	Feet or	Cut	Feet Left on Spool	Next Slip
			Model														
Fires:		Pump Liner Size	Model					General									
			Model														
		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 Pt.	Ft. Up On Kelly
Specify actual hours worked	Hrs.	207	—	207	—			No.	O. D.	I. D.	Length	Wgt.		
Driller B. H. N. FIDR	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES													
Derrick H. Burke	B	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION		
Floor K. Burke	I													
Floor Goodine	T													
Floor	S													
Floor	MUD	8 a.m.	10 a.m.	12 noon	2 p.m.	Additives		At Surveys	Degree	MOTOR HOURS		Next Oil Change	FUEL	
Motor	WEIGHT									1			GAL	
Mechanic	VISCOSITY									2			WATER	
Extra	GEL									3			Bbl	
Injuries:	Pump Pressure	Model								4			COAL	
		Model								5			Ton	
	Pump S.P.M.	Model					Size	TRIPS	No. Lines	TON MILES	TOTAL MILES	Slip	Feet or	Cut
		Model											Feet Left on Spool	Next Slip
	Pump Liner Size	Model					General							
Fires:		Model												
	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.	Pt. Up O Kelly	
Specify actual hours worked	Hrs.	207	37	258	3/4	4		0	No.	O. D.	I. D.	Length	Wgt.				
IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES																	
Driller E. Poudrier	4	B	No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION				
Derrick Gerald Nedelec	4	I	1	6 1/4	Reed YT3	ED5059	4000	90	51	3/4							
Floor Gory Nedelec	4	T															
Floor W. Jackson	4	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											1			Gal	
Motor		VISCOSITY											2			WATER	
Mechanic		GEL											3			Bbls	
Extra		Pump Pressure	Model										4			COAL	
		Pump Pressure	Model										5			Ton	
Injuries:		Pump S.P.M.	Model					Size	TRIPS	No. Lines	TON MILES	TOTAL MILES	Slip	Feet or	Cut	Feet Left on Spool	Next Slip
Fires:		Pump Liner Size	Model					General									
		W.L.	F.C.	pH.													

[illegible]

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

[illegible]

FORM E-2

Total Contractor Time 0 Hrs

Total Company Time 24 Hrs.

Toolpusher W. J. Hall

Approved by Norman Bond

SEDCO

DAILY DRILLING REPORT

DAY WORK RECORD

No 402

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

RIG No. 75 LOCATION Gen. Crude Rarvik Reef Creek G-15 AREA Har River DATE Feb 11/1966

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	37	167	204	7											
Derrick	Gerald Nodeloc	8															
Floor	Garr. Nodeloc	8															
Floor	W. Jackson	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					
		1	1A 9"	Reed YF3	E16261			197	10								
		2															
		3															
		4															
		5															
		MUD				12 Mn.	2 a.m.	4 a.m.	6 a.m.	Additives			At Surveys Degree	MOTOR HOURS	Next Oil Change	FUEL	
		WEIGHT								1200 lb. Gel				1		Gals.	
		VISCOSITY												2		WATER	
		GEL												3		Bbls.	
		Pump Pressure	Model											4		COAL	
		Pump S.P.M.	Model											5		Tons	
		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.		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	204	—	204	—											
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					
		1	1A 9"	Reed YF3	E16261			197	10								
		2	2A 9 7/8"	OSC3	RERUN					190	4						
		3															
		4															
		5															
		MUD				8 a.m.	10 a.m.	12 noon	2 p.m.	Additives			At Surveys Degree	MOTOR HOURS	Next Oil Change	FUEL	
		WEIGHT												1		Gals.	
		VISCOSITY												2		WATER	
		GEL												3		Bbls.	
		Pump Pressure	Model											4		COAL	
		Pump S.P.M.	Model											5		Tons	
		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 — 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	204	3	207	1/2											
Derrick	Gerald Nodeloc	4															
Floor	Garr. Nodeloc	4															
Floor	W. Jackson	4															
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					
		1	2A 9 7/8"	Hughes OSC3	RERUN			3	1/2	197	4 1/2						
		2															
		3															
		4															
		5															
		MUD				4 p.m.	6 p.m.	8 p.m.	10 p.m.	Additives			At Surveys Degree	MOTOR HOURS	Next Oil Change	FUEL	
		WEIGHT												1		Gals.	
		VISCOSITY												2		WATER	
		GEL												3		Bbls.	
		Pump Pressure	Model											4		COAL	
		Pump S.P.M.	Model											5		Tons	
		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
drlg	12:00	7:00	7
Mix Mud	7:00	8:00	1
Drilling recorder broke at 6.00 am at 172'			
GEN CRUDE RANVIK REEF CREEK			
G-15 -			
Company Time 8	Cont'r Time		
work on pump	8:00	8:30	1/2
Pull out of hole to REAM	8:30	12:00	3 1/2
Reaming 9" to 9 7/8"	12:00	4:00	4
STACK @ 165' FOR 2 hrs.			
Company Time 8	Cont'r Time		
Reaming to 204' 9" to 9 7/8"	4:00	4:15	1/4
Fix recorder cord.	4:15	4:30	1/4
drlg	4:30	5:30	1
circulating	5:30	5:45	1/4
Pull out of hole back in	5:45	8:00	2 1/4
back out			
Prepare to run casing	8:00	8:30	1/2
Run casing 6 joints x 7"	8:30	9:30	1
cementing	9:30	11:00	1 1/2
W.O.C.	11:00	12:00	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 *J. J. [Signature]*
 Total Company Time _____ Hrs. Approved by *Harner [Signature]*

SEDCO

DAILY DRILLING REPORT

DAY WORK RECORD

No 401

RIG No. 75 LOCATION Gen. Crude Ranvik Reef Creek G-15 AREA HAY RIVER DATE Feb 10/66

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		No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION			
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	W. Jackson	8													
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.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION			
Driller	RON SCHNEIDER	12	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES												
Derrick	H. Burke	12													
Floor	K. Burke	12													
Floor	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		No.	Size	Type & Jet Size	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION			
Driller	Poudrier	4	IT IS ESSENTIAL TO RECORD SIZE OF JET NOZZLES OR WATER COURSES												
Derrick	Gerald Nedelec	4													
Floor	Gary Nedelec	4													
Floor	W. Jackson	4													
Floor															
Motor															
Mechanic															
Extra															
Injuries:															
Fires:															

REMARKS	Time		
	Start	Stop	Interval
digging PITS BLASTING	1200	800	8
GEN CRUDE RANVIK REEF CREEK G-15			
Setting up rig & digging pits BLASTING	8:00	4:00	8
Setting up rig digging pits BLASTING	4:00	8:00	4
waiting on water	800	900	1
Spud in - Drlg 9" hole	900	1200	3

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 _____ Hrs. Approved by *Norman Paul*