Drilling Authority No.
Date Issued

WELL NAME H.W.T. Escarpment Lake No. 3
FIELD Wildcat **Area:** Alexandra Falls
LOCATION: Unit **Section** **Grid**
Latitude 60°36'15" N. **Longitude** 116°13'19" W.
From Established Reference Marker

Rig Release Date: 19-12-55
Status D & A
Information Release Date 19-12-57

CHANGE OF NAME:

DATE RECEIVED	INDEX
	Application for a Drilling Authority.
	Well Completion Data.
	Well History Report.
	Application to Amend a Drilling Authority.
	Application to change a Well Name.
	Application to Abandon a Well or Suspend Drilling.
	Application to Alter Condition of a Well.
	Well History Supplement.
	Well Completion Data.
	Work-over Report No.
	Application to Commingle Production before Measurement.
	Approval to Commingle Production before Measurement.
	Application to Amend Approval No to Commingle Production before Measurement.
	Application for M.P.R.—Oil.
	New Oil Well Report.
	New Gas Well Report.
	Well Inspection Report.
	Rig Inspection Report.
	Battery Inspection Report.
	Field Abandonment Programme and Approval.
	Well Card.
	Well Visit.
	Daily Drilling Reports.

NANR 52-90(1-61)

Mr LeCapitaine
Mr Christie #28

CANADA

DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES

NORTHERN ADMINISTRATION AND LANDS BRANCH

NOTICE OF INTENTION TO ([redacted]) (ABANDON) ([redacted]) ([redacted]) ([redacted]) A WELL

(Stroke out operations which do not apply).

To be submitted in triplicate to the Conservation Engineer at Edmonton, Alberta.

In accordance with Sections 60, 61, or 62 of the Territorial Oil and Gas Regulations, notice is hereby given of our intention to

..... Abandon ..... the well named NWT ~~Escarpment Lake #5~~ ..... on Oil and Gas (Permit No. ~~[illegible]~~....) (Lease No. .....) registered in the name of ~~Consolidated Mining & Smelting Co.~~

Depth . 1550' . . feet. Elevation above sea level: Ground surface 880.75. . .ft. Kelly bushing .887.08.... ft.

Location (if not accurately stated in Notice of Intention to Begin Drilling Operations):

..... (N of S boundary) (S of N boundary) of (Permit No.....) (Lease No.....) at approx 60°-36'5" N Lat.

..... (W of E boundary) (E of W boundary) of (Permit No.....) (Lease No.....) at approx 116°-13'19" W Long.

Survey description . No. 21°W - 2375' from Escarpment Lake #1 .....

CASING RECORD

Size O.D. inches	Weight lbs/ft.	Amount feet	Set at feet	Sacks cement	Method	To be Withdrawn
1. 7"	17	1336.08	1336.58	60	.....	.....
2.	.....	.....	.....	.....	.....	.....
3.	.....	.....	.....	.....	.....	.....

OIL, GAS and WATER

Encountered		Cement plugs to be set		
Oil from .....feet to.....feet.		From .....feet to	.....feet with	.....sacks
NONE	.....	.....	.....	.....
.....	.....	.....	.....	.....
Gas from ..... feet to.....feet.		From .....feet to	.....feet with	.....sacks.
NONE	.....	.....	.....	.....
.....	.....	.....	.....	.....

(Over)

noted in records
JGH

Water from.....feet to .....feet. From.....feet to.....feet with.....sacks.

....

....

#1 Bottom plug from ..1550..feet to 1450..feet with ..20....sacks

#2 Surface plug from 1412...feet to 1278...feet with..30.....sacks.

Date of last operations .....Dec. 19, 1955 .....Total depth. .1550'.....

Nature of liquid in well .....Level from surface .....

Present condition of well in addition to above: . . . Abandoned .....

.....

.....

An electric log (will be / ~~[illegible]~~) run. as well as micro log (strike out what is non-applicable)

On abandonment we shall comply with Section 60 (3) and (4) of the Regulations with respect to filling excavations and marking the well site . . . W.R.B. .(Please Initial)

Program of operation not included above .....

.....

.....

.....

Responsible agents of permittee or lessee in charge of operation:

At well . A. J. Barquist . . . . . At registered office: . W. L. Brintnell .....

Postal Address . Hay River, N.W.T. . . . . Postal Address . Office 1, Macdonald Hotel .....

..... Edmonton, Alberta .....

It is understood that if changes in this Notice of Intention become necessary we will promptly notify you.

Dated at . Edmonton . . . . . this . 30 . . . . . day of . December . . . . . 19.....

Signed by . . . . . W. R. Brintnell . . .

This program is approved subject to the following provisions:

.....

.....

.....m..

DEPT. OF NORTHERN AFFAIRS & NATIONAL RESOURCES
EDMONTON, ALBERTA
JAN 9 1956
Northwest Territories & Yukon Territory
Petroleum Conservation Engineer

. . . . . JAN - 9 1956. . . . . Date

. . . A.B. Irwin . . . . .
Conservation Engineer

Prior verbal approval given

CANADA

DEPARTMENT OF RESOURCES AND DEVELOPMENT

NORTHERN ADMINISTRATION AND LANDS BRANCH

Mr Le Cheminant
Mr Jones

NOTICE OF INTENTION TO BEGIN DRILLING OPERATIONS

(To be submitted in triplicate to the Conservation Engineer at Edmonton, Alberta at least 15 days prior to the commencement of drilling).

In accordance with Section 59 of the Territorial Oil and Gas Regulations, notice is hereby given of our intention to begin drilling a well on Oil and Gas Permit No. 25 registered in the name of
Lease No. ....

Consolidated Mining & Smelting Company

TYPE OF WELL:
Stratigraphic test: .....
Structure Test: .....
Wildcat: x
Development: .....
Anticipated number of holes ..... (Required for Structure Test Only)
Expected total depth: 1850 feet.

The well will be located: Approximately one half mile N. 21° W. of Escarpment Lake #1 ad

.....(N of S boundary) of (Permit No.....) at approx 60°36'25" N Lat.
(S of N boundary) (Lease No.....)
.....(W of E boundary) of (Permit No.....) at approx 116°13'19" W Long.
(E of W boundary) (Lease No.....)

Survey description of location: Not available yet.

Approximate surface elevation of 890 feet above sea level.

Name of well: Escarpment Lake ~~#111~~ No 5 ad

Type of drilling rig: Failing 55

Expected date of commencement: November 15, 1955

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

	Size O.D. inches	Weight lbs/foot	Grade	Brand	New or used	Estimated depth	Sacks of cement
1.	7"	17	#40		New	250'	50
2.							
3.							

Expected depth of water, gas and oil horizons and method of control:

Slane Point Limestone 1377'

Presqu'ile Dolomite 1529'

noted in drill records 2-17-55

(over)

An electric log (will ~~will not~~) be run.

The well will be drilled by: N.W.T. Petroleums Limited (name of company)

Responsible agents of permittee or lessee in charge of operation:

At well: A.J.B. Berquist ..... At registered office: A. Corey .....

Postal address: Hay River, N.W.T. Postal address: 224 - 7th Ave. W. Calgary, Alta.

It is understood that if changes in this Notice of Intention become necessary we will promptly notify you.

Dated at Edmonton, Alberta this 28th day of October 1955.

Signed by W. H. Breitwell

This program is approved subject to the following provisions (if any):

.....

.....

.....

.....

DEPT. OF NORTHERN AFFAIRS & NATIONAL RESOURCES
EDMONTON, ALBERTA
OCT 31 1955
Date
Petroleum Conservation Engineer
Northwest Territories & Yukon Territory

Conservation Engineer

PROGRESS REPORT

of the

DRILLING, CORING and ABANDONMENT

of the

NORTHWEST TERRITORIES ESCARPMENT LAKE # 3 WELL

located at

Latitude 60° 36' 5" North; Longitude 116° 13' 19" West.

- Escarpment Lake, N.W.T. -

Compiled by: A.J.R. Bergquist, B.Sc.,
D.E. Flemons

Approved by: B.H. Corey
B.H. Corey - Production Manager.

NEW SUPERIOR OILS OF CANADA LIMITED

I N D E X

---oooOooo---

S C O P E

This report covers the drilling, coring and abandonment of the N.W.T. Escarpment Lake #3 Well located 60° 36' 5" N, 116° 13' 19" W.

All available information has been included from the time P. Porter and A.J. Bergquist landed in Hay River to organize the move to the location until the well had been drilled, cored and tested down to the Presquille formation. The well was plugged back and abandoned after the testing and coring the Slave Point Limestone and Presquille formations.

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Data Pertinent to Drilling, Coring and Abandonment

Name of Company: N.W.T. Petroleums Limited.

Name of Well: N.W.T. Escarpment Lake #3.

Legal Description: 60° 36' 5" N
116° 13' 19" W

Elevations: K.B. 887
Ground 881

Drilling Contractor: General Petroleums of Canada Limited
F-55 Rig.

Surface Casing Summary: Set at 1,344.58'.
1,335.48', 7", 17#, 8 Rd. Thd., Rge. 2 & 3, Stewart & Lloyds casing. Cemented with 60 sacks cement by General Petroleums of Canada with A.J. Bergquist operating.

Geological Markers: Slave Point - 1,325'
Presquille - 1,535'

Total Depth: 1,550'

Cored Intervals (Diamond Coring):

	From	To	Cut	Rec.	% Rec.
Core #1	1348	1373	25'	25'	100%
Core #2	1373	1380	7'	7'	100%
Core #3	1380	1384	4'	4'	100%
Core #4	1384	1387	3'	3'	100%
Core #5	1387	1389	2'	2'	100%
Core #6	1537	1550	13'2"	11'6"	87½%

Formation Tests:

Test #1 - From 1348 to 1380 - Formation; Slave Point Limestone. Rec. 215' of dead mud.

Test #2 - From 1375 to 1384 - Slave Point Limestone. Rec. 425' of dead mud.

Test #3 - From 1378 to 1387 - Slave Point Limestone. Rec. 65' of dead mud.

Test #4 - From 1380 to 1389 - Slave Point Limestone. Rec. ?. Line broke on swab.

Test #5 - From 1503 to 1550. Presquille. Rec. salty sulphur water.

E-Log, Microlog & Dipmeter: by Schlumberger.
(They were unable to obtain Laterolog).

Cement Plugs:

Plug #1 - 1550 to 1454 - w/ 20 sacks cement. Displaced w/ 10 bbls water. Plug felt @ 1497.

Plug #2 - 1412 to 1278 - w/ 30 sacks cement. Displaced w/ 9 bbls water. Plug felt @ 1290.

Steel cap welded over hole.

Data Pertinent to Drilling, Coring and Abandonment (cont'd)

Date Well Spudded:	November 14th, 1955.
Date Drilling Completed:	December 13th, 1955.
Date Rig Released:	December 17th, 1955.

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NWT ESCARPMENT LAKE #3

Oct. 26/55 — P. Porter and A. Bergquist started out by plane for Hay River. Airport was out at Hay River, so proceeded to Yellowknife and chartered a plane on floats from Yellowknife to Hay River. W. Wigley and N. Lastiwka started out from Edmonton in New Superior truck #30 for Hay River. Stopped in High Prairie overnight. A. Bergquist started organizing rig move and hiring crews.

Oct. 27/55 — Picked up parts, batteries, etc. and went to rig. Serviced dollies, cat, dozed road smooth for 12 miles. Started cutting line to new location from NWT Escarpment Lake #1. Line was cut N 21°W, using magnetic deviation at Escarpment Lake #1 of N 33°9'E. This was found by plotting Polaris on night of October 26th 1955 by A. Bergquist. W. Wigley and N. Lastiwka arrived in Hay River.

Oct. 28/55 — Repaired dollies. Set rig on dollies and started for new location. Finished cutting line to new location and located new site 2375 feet N 21°W of NWT Escarpment Lake #1.

Oct. 29/55 — Arrived at new location with rig. Started dozing new location. Went back to where rig was stacked and loaded trucks all day. Moved mud, cement, boiler and casing to new location.

Oct. 30/55 — Loaded, moved and unloaded bunk house, cookhouse, warehouse, light plant and one load of miscellaneous equipment to new location. Dozing new lease.

Oct. 31/55 — Trip to old location and unloaded pipe. Loaded pipe rack, drill pipe, sleighs and miscellaneous equipment. Worked on KB18 ten miles from camp. Spotted bunkhouse, kitchen, light plant and unloaded same. Spotted pump and boiler. Worked on fluid end of mud pump. Dozed pits and clearing lease.

Nov. 1/55 — Worked on fluid end of pump repairing same. Jacked up rig to put blocks under. Hauled pipe rack from old lease to new lease. Cleared up lease and hauled one load of drill pipe.

Nov. 2/55 — Raised mast and put up rig floors. Levelled up mud pump and boiler. Started digging dead men. Sent cat to old lease to bring caboose and load of wood.

Nov. 3/55 — Cat arrived with sleigh load of wood and the caboose. Strung new drilling line and put new liners and heads in mud pump. Loaded pipe rack on sleigh. Production casing arrived from Edmonton and unloaded same.

Nov. 4/55 Hauled one load two inch pipe and equipment from old location. Rigged up pump to stand pipe and repaired mud lines. Picked up kelly and checked swivel. Built floors around table and repaired floor wings. Spotted Athey wagon and built doghouse on same. Spotted sleigh loaded with seven inch casing. Blasting suction pit. (There was only one foot of dirt over bedded limestone). Sawed eight cords of wood for boiler. Set up water pump at creek on mile 31 of McKenzie highway. Hooked guy wires to deadmen and tighten same.

Nov. 5/55 Blasted, dug and cleaned out suction pit and ditches. Rented plugger, but same was broken down so had to drill holes for dynamite by hand.

Nov. 6/55 Built steam lines from boiler to pump and rig. Put up smoke stack on boiler and cleaned flues. Hauled water, started drawworks and pump motors. Primed mud pump. General cleaning and rigging up to spud. Hauled water and mixed mud. Rigged up to drill rathole. Repaired tire on K B 8 and waiting on water to fill pits. Fired up boiler.

Nov. 7/55 Hauled water and mixed mud and drilled on rathole for 12 1/4 hours with used 9" OSC bit. Rathole casing would not go to bottom, so reamed rathole and mixed mud. While mixing mud kelly hose blew out about 6 feet from standpipe. Removed same and ordered new hose. Hauled water for boiler and general cleaning up and repair work to rig while waiting on new kelly hose.

Nov. 8/55 Waiting on kelly hose. Loaded pipe tub with 3 1/2" drill pipe, repaired Cameron valves and cleaned out cathead. Repaired side floors on rig.

Nov. 9/55 General repair work. Helped carpenters putting up prefab. Mixed mud. New kelly hose arrived at 7:00 P.M. so put up same. Was circulating when pump motor quit. Started working on same. Heavy blizzard conditions started in evening.

Nov. 10/55 Drained pump and removed head on UD 16. Found broken piston. Loaded motor on K B 8 and hauled same to town. Heavy blizzard. Hauled water for boiler with cat and cut wood for boiler. Ordered parts for UD 16.

Nov. 11/55 Heavy blizzard conditions. Ground valves on number two head of UD 16 and cleaned up parts. Put skiis under bombardier, started same and loaded 2 bbls. of gas. Drove back to camp. Hauling water with cat and

Nov. 11/55 cont'd	sawed wood by hand. Cleared road and sent KB 8 after water. Upset same at water hole due to faulty brakes. Sent bulldozer out to turn truck back on wheels and drove truck back to camp with load of water. Damaged door on drivers side of truck.
Nov. 12/55	Blizzard dying down. Cut and hauled wood and hauled water for boiler. General clean up and repair around rig. Worked on bombardier in town, repairing and servicing same.
Nov. 13/55	Waiting on pump motor to be repaired. Sawed wood for boiler and helped carpenters put up prefab. Two men left with HD 9 for last location to pick up wood and tubing on sleighs. Repairs for UD 16 arrived in afternoon so worked on same all night.

	From	To	Footage	
Nov. 14/55	0	17	17	Finished pump motor at 5:00 A.M., ran same to 9:00 A.M. and loaded motor on truck. Hauled motor to lease and hooked same up to pump. Started motor, primed pump and circulated pits. Cleaned out rat hole. Rat hole casing would not go to bottom, so ran in bit to clean out. Hoisted bit and cased rat hole. Rigged up to spud in and spudded in at 6:30 P.M. Drilled on bottom with 9" OSC bit for 5 1/2 hours to 17 feet.
Nov. 15/55	17	30	13	Drilled on bottom for four hours to 30 feet, circulated, reamed hole and picked up #1 drill collar. Drill collar hung up at 21 feet, so pulled out and reamed back in hole with 9" bit, for 2 hours. Hoisted out of hole and drill collar would still not go past 21 feet. Came out of hole, made up 12 1/4" OSC 3 bit and reamed 9" hole to 12 1/4" hole to 30 feet in 11 1/4 hours. Hoist bit and break off. Prepare to pick up drill collar.
Nov. 16/55	30	35	5	Picked up one drill collar and reamed to bottom. Drilled on bottom for 4 3/4 hours to 35 feet when UD 16 pump motor broke down. Tore down one wall of pump house, unbolted motor from pump skid and hauled same to Hay River. Unloaded and tore off pan of motor. Found bearing on #3 piston rod burnt out, and possible crank shaft damage. Waited for replacement motor from Edmonton. (Inspected oil in pan and found same stringy . Took sample to Imperial Oil and they advised later that if RPM oil is dropped in drum from the back of a truck in extreme cold temperature, the oil will separate. If used in a motor, this oil will plug, thereby burning out motor. Inspected remainder of barrel of oil and found it also stringy, so condemned same.)

	From	To	Footage	
Nov. 17/55	35			Replacement motor arrived from Edmonton at 9:30 P.M. Unloaded and spotted same. Started motor and found it had hard knock and showed no oil pressure, so shut same down immediately. Took off inspection plate and found bearing very loose on number three connecting rod.
Nov. 18/55	35			Removed replacement motor and sent same to Edmonton with UD 16 for repairs.
Nov. 19/55	35			Another replacement motor arrived from Edmonton at 3:30 P.M. Spotted same and started pump. Mixed mud and ran in hole with 9" OSC bit. Circulated hole clean.
Nov. 20/55	35	57	22	Drilled on bottom for 22 1/4 hours. Changed bits after 24 hours at 49 feet to 9" OSC.
Nov. 21/55	57	117	60	Drilled on bottom 22 1/2 hours. Changed bits after 25 1/2 hours at 92' to 9" OSC1G.
Nov. 22/55	117	296	179	Drilled on bottom 22 1/2 hours. Had to slow penetration rate so that mud stream would carry cuttings away.
Nov. 23/55	296	477	181	Drilled on bottom 20 1/2 hours. Changed bit after 31 1/4 hours at 321 feet to 9" OSC1G. Cold weather (-35°F) made blocks very stiff.
Nov. 24/55	477	620	143	Drilled on bottom 14 1/4 hours. Repaired spline shaft coupling on rotary drive. Temperature (-34°) making operations difficult. Hoisted bit out of hole.
Nov. 25/55	620	761	141	Drilled on bottom 20 3/4 hours. Finished working on spline shaft coupling and ran in hole with new 9" OSC1G bit. X 138 went for water, and while pumping water broke universal drive to water pump. Melting snow for boiler. Temperature (-36°).
Nov. 26/55	761	812	51	Drilled on bottom 8 1/4 hours, and circulated while waiting on water as the mud built up to 300 secs (Marsh funnel). Worked on universal drive to water pump and started hauling water. Temperature (-44°).

	From	To	Footage	
Nov. 27/55	812	926	114	circulated and hauled water. Weather extremely cold (overnight low -53°F). Finally got viscosity down and started drilling once again. Drilled 8 1/4 hours. Changed bit after 41 1/4 hours at 926' to 9" OSC1G.
Nov. 28/55	926	1142	216	Drilled on bottom 23 1/4 hours.
Nov. 29/55	1142	1276	132	Drilled on bottom 17 3/4 hours. Changed bit after 40 1/2 hours at 1272 feet to 9" OSC1G. Repaired rotary clutch and checked power end of mud pump.
Nov. 30/55	1276	1344	68	Drilled on bottom 23 1/2 hours.
Dec. 1/55	1344	1345	1	Drilled on bottom 1/2 hour and circulated 1 1/2 hours. Hoisted bit out of hole to run 7" casing. (See pge. 85)
Dec. 2/55	1345			Waiting on cement. Hauled water and wood. Cleaned out suction pit by hand. Started levelling ground to put in mud tank.
Dec. 3/55	1345			Removed 5" liners and heads from Gardner Denver pump. Installed 4 1/2" liners and redressed rods with 4 1/2" heads. Checked and measured power end of pump for bearing clearances and found same in bad need of repair. Thawed out ground to set in wooden mud tanks and digging same by hand. Made steam coils for mud tank and pit and made up steam lines. Hauled and sawed wood for boiler.
Dec. 4/55	1345			Thawed and dug ground to make hole for mud tank and set tank in place. Rigged up mud gun for suction pit. Made mud trough from mud tank to pit and cleaned out collar. Landed casing at 4:00 P.M. and cut off collar. Put diesel fuel in pit (5 bbls.) to start mixing mud and started installing B.O.P.
Dec. 5/55	1345			Finished installing B.O.P. and nippled up same. Picked up drill collars and laid them on ground. Ran in hole with junk sub and 6 1/8" OWS bits measuring in. Rigged up to displace and mixed mud using No-Block. Mixed 30 bbls.

	From	To	Footage	
Dec. 5/55 cont'd	1345			diesel fuel, 30 bbls. water and 2400 lbs. No-Block. Mixed No-Block at 15 minutes per 100 lbs. and jetted pit with mud gun. Resultant mud bed viscosity of 7.5 secs per U.S. gel., viscosity of 50 secs., water loss of 1.1 cc's oil, no filter cake. Started displacing.
Dec. 6/55	1345	1350	5	Finished displacing mud and mixed another pit of mud using No-Block. Displaced rest of mud in hole and circulated. Pressured up on casing to 750 psi and pressure dropped 50 lbs. in 1/2 hour (leak in pop valve). Drilled out 14' cement above baffle plate and shoe in three hours. Circulated 1 1/2 hours and made trip out of hole. Emptied junk sub and found no iron so tripped in with diamond core barrel and used 6 1/8" Truco diamond core bit measuring in. Circulated 4 hours to remove cement cuttings, then cored for 2 hours.
Dec. 7/55	1350	1377	27	Finished cutting core number one to 1370 feet, circulated one hour to condition mud. Hoisted pipe into casing then cleaned out suction pit and built screen box in mud tank. Circulated a further five hours to get rid of cuttings (cuttings, especially cement, coming right around through pump), then hoisted core number one. For 25' cut recovered 25' or 100%. After examining the cores and seeing nothing to test, again ran in with core barrel. Circulated 1/2 hour and cored for 2 hours to 1377 feet.
Dec. 8/55	1377			Circulated for 1 1/4 hours to condition hole for test and hoisted core number two. For 7' cut recovered 7' or 100%. Ran DST #1. (See pge. 14)
Dec. 9/55	1377	1381	4	Laid tester down and ran back in hole with core barrel. Circulated 1 1/4 hours to condition mud and cored 4 feet in 1 1/4 hours. Circulated hole clean to test in 1 1/2 hours. Hoisted core out of hole measuring out. Removed core from core bbl. and inspected same. Serviced and laid down core bbl. and ran DST #2. (See pge. 15)

	From	To	Footage	
Dec. 10/55	1384	1387	3	Laid down tester and ran in hole with diamond core bbl., measuring in. Measurement checked with previous measurement so corrected tally 3' deeper. Full recovery checked on cores so now coring point started at 1348' instead of 1345'. Core #1 now 1348' to 1373', core #2 1373' to 1380', core #3 1380' to 1384'. Cored diamond core #4 1384' to 1387', circulated 3/4 hrs. to clean hole and hoisted core. For 3' cut recovered 3' or 100%. Ran DST #3. (See pge. 16)
Dec. 11/55	1387	1389	2	Laid tester down and ran in hole with core bbl. Circulated 1/2 hour and cut 2' core in 3/4 hr. Circulated 3/4 hour and hoisted core out of hole. For 2' cut recovered 2' or 100%. Ran DST #4.
Dec. 12/55	1389	1488	99	Laid tester down, picked up junk sub and bit sub and ran in hole with 6 1/8" OWS bit. Drilled on bottom 20 1/2 hrs.
Dec. 13/55	1488	1550	62	Drilled on bottom 9 1/4 hrs. to 1535', circulated bottom hole sample and cleaned hole to core for 2 hrs., and hoisted bit out of hole. Picked top of Presquille (from 2' samples and drilling time) at 1535'. Ran in hole with diamond core bbl., measuring in and reaming to bottom. Measurements checked O.K. Cored for 2 1/2 hrs. to 1550', then last 2" cored very easily and lost circulation.
Dec. 14/55	1550			Hoisted core and for 13' 2" cut recovered 11' 6", or 87 1/2%. Ran DST #5. Laid tester down and waited on Schlumberger. Logging truck arrived at 10:30 P.M., waiting on Schlumberger engineer.
Dec. 15/55	1550			Schlumberger engineer arrived at 12:30 P.M. Rigged up to E-log and ran in hole with E-log tool. Unable to get E-log so ran in hole to circulate mud around. Circulated with partial returns for 20 minutes until all mud was gone. Also emptied all of mud in settling pit down hole. Hoisted pipe

From	To	Footage	
Dec. 15/55			and Schlumberger started logging. (Note: After Schlumberger rigged up, ran in hole with logging tool, logging on way in, and found resistivity scale did not respond normal to that expected inside casing. Ran to bottom and checked same, then started logging out of hole. Resistivity would not give normal log, in that it wandered all over the scale. Hoisted tool and checked same. Then ran back in hole, with same results. Stopped inside casing, and even when in stationary position, resistivity still wandered. Hoisted tool out of hole and checked same again as well as lines. All checked O.K., redressed head and again ran in hole with same results. Hoisted tool out of hole, checked line for leaks and didn't find any. Then checked instruments in truck. Could find no faults and tests showed nothing out of the ordinary. Tested mud in suction pit and settling tank - suction pit showed resistivity of 0.80 and tank was 0.68. Again ran in hole with same results. Since mud in pit and tank were good for logging purposes, decided to drain all of tank into pit. Then ran in hole with drill pipe and circulated mud to bottom of hole for logging. Started circulating and samples from three minute intervals of circulating from the time partial returns started coming over showed resistivities as follows: 0.66, 0.80, 0.90, 0.74, 0.78, 0.78. At this time all mud was used up as only partial returns were obtained. Hoisted pipe out of hole and while hoisting, F. Resavage, engineer for Schlumberger, again rechecked all his instruments. After pipe was out of the hole, ran in hole with logging tool and obtained E-log.
Dec. 16/55	1550		Schlumberger ran Microlog and Dipmeter (were unable to obtain a Laterolog instrument for this hole). Tore out Schlumberger and ran in hole with drill pipe, open end, to run cement plugs as follows: Plug down 2:05 P.M. Plug #1 1550-1454' - 20 sax cement displaced with 10 bbls. water. Hoisted 10 singles,

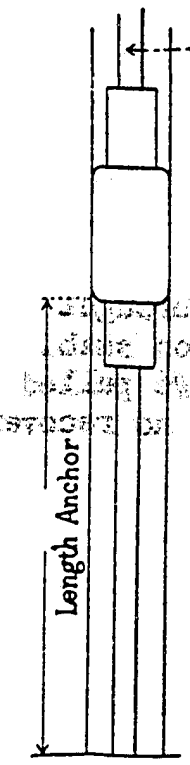
	From	To	Footage	
Dec. 16/55 cont'd				circulated pipe clean and waited 8 hours to feel for plug. Felt for plug at 10:10 P.M. and felt same at 1497'. Ran plug #2 1412' to 1278' with 30 sax cement displaced with 9 bbls. water. Plug down 11:35 P.M. Hoisted 10 singles to circulate pipe clean.
Dec. 17/55	1550			Felt for plug #2 at 8:00 A.M. and found same at 1290'. Tripped out of hole, removed B.O.P. and flange and welded steel cap over hole. Drained mud pump and general rigging out. Pulled rat hole sock and laid down derrick.
Dec. 18/55	1550			Loaded mud pump and Murphy Diesel on C. A. Schmidt's truck, took inventory and general cleaning up camp.
Dec. 19/55	1550			Two drillers and one roughneck finished cleaning up camp and locked up same. Left A. Norman as watchman.

Drill Stem Test Report

Date December 8, 1955

Name of Well NWT Escarpment Lake #3 Test No. 1

Testing Company General Petroleums of Canada Limited Operator A. J. Bergquist



Size Drill Pipe

3 1/2 inches O.D.

13.3 #/ foot

Bottom of Rubber at 1342' feet

Depth ..... feet

O.D. of Packer Rubber 5 5/8 Size Choke 1/2

Type of Packer: Anchor Type X Hookwall .....

Formation Tested Slave Point Limestone

Depth of Well 1380' (corrected)

Zone Tested: From 1348 To 1380

Time Waiting on Tester Nil

Mud: API Viscosity ..... Gel ..... Weight .....

Time Tester started in hole 9:15 A.M.

" " On Bottom 11:15 A.M.

" " Opened 11:15 A.M.

" " Closed 5:20 A.M.

" " Pulled Loose 5:20 A.M.

" " Out of Hole 7:00 A.M.

Weight: Set on Packer 13,000 Thousand Lbs.; To Pull Packer Loose 15,000 Thousand Lbs.

No. Lines 6 Size Line 3/4"

When tool was opened: Was blow noticeable, Yes X No .....; Air Displaced, Yes ..... No X

Did mud level drop in casing; Yes ..... No X

Gas Flow: Nil Thousand cf/day. Measured with Pitot tube by .....

Estimated by .....

Size riser: 2" inches, I.D.; Was flare lit, Yes ..... No .....; Length of flame ..... feet

Total fluid in drill pipe: 7 Stands 215 Feet ..... Bbls.

Oil in drill pipe ..... {Gassy / Dead} ..... Stands ..... Feet ..... Bbls.

Mud in drill pipe ..... {Gassy / Dead} 7 Stands 215 Feet ..... Bbls.

Water in drill pipe ..... {Gassy / Dead} ..... Stands ..... Feet ..... Bbls.

Note: Samples of Oil and Water must be taken.

Samples sent to University of Alberta By J. W. Gregg

Water: ~~Salty, Sulphur, Brackish, Fresh.~~ (Cross out terms that do not apply.

Remarks: Over

Put additional remarks or other information on back of sheet.

Present at test: J. W. Gregg, Dr. A. Irvin, A. J. Bergquist and crew

Do you consider that test was satisfactory? Yes X No .....

Does chart show normal operation of tester? Yes X No .....

Pressure on chart (Hydrostatic) before tester opened 550 p.s.i.

" " " (Flowing) with tester open 0 p.s.i. (shut in) ..... p.s.i.

Is chart attached: Yes ..... No. X Who has it J. W. Gregg

FORM #14A-5M-8-52

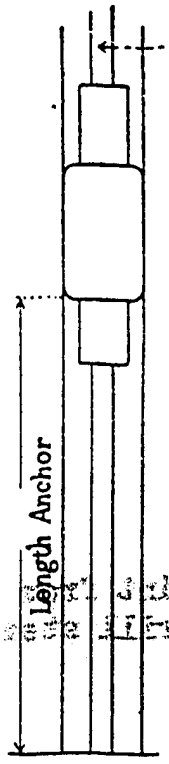
Engineer/Toolpusher A. J. Bergquist

Drill Stem Test Report

Date: December 9, 1956

Name of Well: NWT Escarpment Lake #3 — Test No. 2

Testing Company: General Petroleums of Canada Limited — Operator: A. J. Bergquist



Size Drill Pipe: 3 1/2 inches O.D. — 13.3 #/ foot

Bottom of Rubber at 1375 feet

Depth ..... feet

O.D. of Packer Rubber: 5 5/8 — Size Choke: 1/2

Type of Packer: Anchor Type: X — Hookwall:

Formation Tested: Slave Point Limestone

Depth of Well: 1384 (corrected)

Zone Tested: From 1375 To 1384

Time Waiting on Tester: Nil

Mud: API Viscosity: Gel: Weight:

Time Tester started in hole: 7:15 P.M.

" " On Bottom: 10:50 P.M.

" " Opened: 10:50 P.M.

" " Closed: 8:00 A.M.

" " Pulled Loose: 8:00 A.M.

" " Out of Hole: 9:30 A.M.

Weight: Set on Packer: 13,000 Thousand Lbs.; To Pull Packer Loose: 14,000 Thousand Lbs.

No. Lines: 6 Size Line: 3/4"

When tool was opened: Was blow noticeable, Yes: X No: ; Air Displaced, Yes: No: X

Did mud level drop in casing; Yes: X No:

Gas Flow: Nil Thousand cf/day. Measured with Pitot tube by

Estimated by

Size riser: 2" inches, I.D.; Was flare lit, Yes: No: ; Length of flame: feet

Total fluid in drill pipe: 14 Stands 425 Feet Bbls.

Oil in drill pipe {Gassy / Dead} Stands Feet Bbls.

Mud in drill pipe {~~Gassy~~ / Dead} 14 Stands 425 Feet Bbls.

Water in drill pipe {Gassy / Dead} Stands Feet Bbls.

Note: Samples of Oil and Water must be taken.

Samples sent to: University of Alberta By: J. W. Gregg

Water: ~~Salty, Sulphur, Brackish, Fresh.~~ (Cross out terms that do not apply.

Remarks: Over

Put additional remarks or other information on back of sheet.

Present at test:

Do you consider that test was satisfactory? Yes: No:

Does chart show normal operation of tester? Yes: No:

Pressure on chart (Hydrostatic) before tester opened: 580 p.s.i.

" " " (Flowing) with tester open: p.s.i. (shut in): p.s.i.

Is chart attached: Yes: No. X Who has it: J. W. Gregg

FORM S14A-5M-8-52

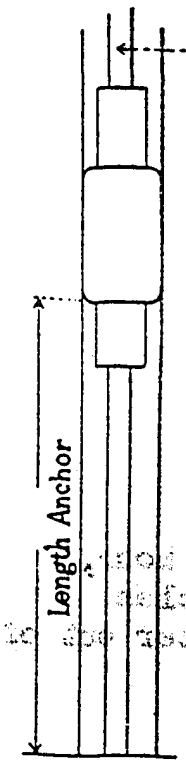
Engineer/Toolpusher: A. J. Bergquist

Drill Stem Test Report

Date December 10, 1955

Name of Well MWT ESCARPMENT LAKE #3 Test No. 3

Testing Company General Petroleums of Canada Limited Operator A. J. Bergquist



Size Drill Pipe 3 1/2 inches O.D.

13.3 #/ foot

Bottom of Rubber at 1378 feet

Depth ..... feet

O.D. of Packer Rubber 5 5/8 Size Choke 1/2

Type of Packer: Anchor Type X Hookwall .....

Formation Tested Slave Point Limestone

Depth of Well 1387 (corrected)

Zone Tested: From 1378 To 1387

Time Waiting on Tester Nil

Mud: API Viscosity 40 Gel ..... Weight 7.7

Time Tester started in hole 8:00 P.M.

" " On Bottom 9:15 P.M.

" " Opened 9:15 P.M.

" " Closed 2:00 A.M.

" " Pulled Loose 2:00 A.M.

" " Out of Hole 3:25 A.M.

Weight: Set on Packer 13,000 Thousand Lbs.; To Pull Packer Loose 14,000 Thousand Lbs.

No. Lines 6 Size Line 3/4"

When tool was opened: Was blow noticeable, Yes X No .....; Air Displaced, Yes ..... No .....

Did mud level drop in casing; Yes ..... No X

Gas Flow: Nil Thousand cf/day. Measured with Pitot tube by .....

Estimated by .....

Size riser: 2" inches, I.D.; Was flare lit, Yes ..... No .....; Length of flame ..... feet

Total fluid in drill pipe: 2 ¼ Stands 65 Feet ..... Bbls.

Oil in drill pipe ..... {Gassy / Dead} ..... Stands ..... Feet ..... Bbls.

Mud in drill pipe ..... {~~Gassy~~ / Dead} 2 ¼ Stands 65 Feet ..... Bbls.

Water in drill pipe ..... {Gassy / Dead} ..... Stands ..... Feet ..... Bbls.

Note: Samples of Oil and Water must be taken.

Samples sent to University of Alberta By J. W. Gregg

Water: ~~Salty, Sulphur, Brackish, Fresh~~ (Cross out terms that do not apply.

Remarks: .....

Put additional remarks or other information on back of sheet.

Present at test: J. W. Gregg, A. J. Bergquist and crew

Do you consider that test was satisfactory? Yes X No .....

Does chart show normal operation of tester? Yes X No .....

Pressure on chart (Hydrostatic) before tester opened 575 p.s.i.

" " " (Flowing) with tester open 0 p.s.i. (shut in) ..... p.s.i.

Is chart attached. Yes ..... No. X Who has it J. W. Gregg

FORM 214A-5M-8-52

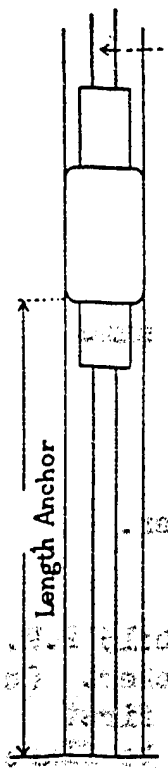
Engineer/Toolpusher A. J. Bergquist

Drill Stem Test Report

Date: December 11, 1955

Name of Well: NWT Escarpment Lake #3 Test No. 4

Testing Company: General Petroleums of Canada Limited Operator: A. J. Bergquist



Size Drill Pipe: 3 1/2 inches O.D.

13.3 #/ foot

Bottom of Rubber at 1380 feet

Depth feet

O.D. of Packer Rubber: 5 3/4" Size Choke: 1/2"

Type of Packer: Anchor Type: X Hookwall:

Formation Tested: Slave Point Limestone

Depth of Well: 1389'

Zone Tested: From 1380 To 1389

Time Waiting on Tester: Nil

Mud: API Viscosity: Gel: Weight:

Time Tester started in hole: 12:30 P.M.

" " On Bottom: 2:15 P.M.

" " Opened: 2:15 P.M.

" " Closed: 6:30 P.M.

" " Pulled Loose: 6:30 P.M.

" " Out of Hole: 9:

Weight: Set on Packer: 14,000 Thousand Lbs.; To Pull Packer Loose: 25,000 Thousand Lbs.

No. Lines: 6 Size Line: 3/4"

When tool was opened: Was blow noticeable, Yes: No; Air Displaced, Yes: No

Did mud level drop in casing; Yes: No: X

Gas Flow: Nil Thousand cf/day. Measured with Pitot tube by

Estimated by

Size riser: 2" inches, I.D.; Was flare lit, Yes: No; Length of flame: feet

Total fluid in drill pipe: Stands Feet Bbls.

Oil in drill pipe { Gassy / Dead } Stands Feet Bbls.

Mud in drill pipe { Gassy / Dead } Stands Feet Bbls.

Water in drill pipe { Gassy / Dead } Stands Feet Bbls.

Note: Samples of Oil and Water must be taken.

Samples sent to University of Alberta By J. W. Gregg

Water: Salty, Sulphur, ~~Brackish, Fresh.~~ (Cross out terms that do not apply.

Remarks: Swabbed some salt, saltwater & circ. out remainder
Would appear pipe was full of salt water — aec

Put additional remarks or other information on back of sheet.

Present at test: A. J. Bergquist, J. W. Gregg

Do you consider that test was satisfactory? Yes: X No:

Does chart show normal operation of tester? Yes: X No:

Pressure on chart (Hydrostatic) before tester opened: 550 p.s.i.

" " " (Flowing) with tester open: 500 p.s.i. (shut in): p.s.i.

Is chart attached: Yes: No. X Who has it: J. W. Gregg

FORM 814A-5M-8-52

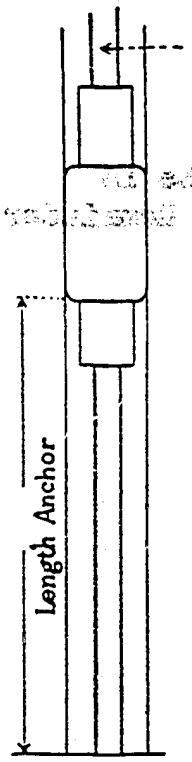
Engineer/Toolpusher: A. J. Bergquist

Drill Stem Test Report

Date: December 14, 1955

Name of Well: NWT Escarpment Lake #3 — Test No. 5

Testing Company: General Petroleums of Canada Limited — Operator: A. J. Bergquist



Size Drill Pipe ..... inches O.D. ..... #/foot

Bottom of Rubber at ..... feet

Depth ..... feet

O.D. of Packer Rubber: 5 3/4 — Size Choke: 1/2

Type of Packer: Anchor Type: X — Hookwall: ....

Formation Tested: Presquille

Depth of Well: 1550

Zone Tested: From 1503 To 1550

Time Waiting on Tester: Nil

Mud: API Viscosity: 44 — Gel. .... — Weight: 7.9

Time Tester started in hole: 4:15 A.M.

" " On Bottom: 6:00 A.M.

" " Opened: 6:00 A.M.

" " Closed: 10:30 A.M.

" " Pulled Loose: 10:30 A.M.

" " Out of Hole: 11:45 A.M.

Weight: Set on Packer: 12,000 Thousand Lbs.; To Pull Packer Loose: 15,000 Thousand Lbs.

No. Lines: 6 — Size Line: 3/4

When tool was opened: Was blow noticeable, Yes ..... No .....; Air Displaced, Yes ..... No .....

Did mud level drop in casing; Yes ..... No X

Gas Flow: Nil Thousand cf/day. Measured with Pitot tube by .....

Estimated by .....

Size riser: 2 inches, I.D.; Was flare lit, Yes ..... No .....; Length of flame ..... feet

Total fluid in drill pipe: ..... Stands ..... Feet ..... Bbls.

Oil in drill pipe ..... {Gassy / Dead} ..... Stands ..... Feet ..... Bbls.

Mud in drill pipe ..... {Gassy / Dead} ..... Stands ..... Feet ..... Bbls.

Water in drill pipe ..... {Gassy / Dead} ..... Stands ..... Feet ..... Bbls.

Note: Samples of Oil and Water must be taken.

Samples sent to University of Alberta By J. W. Gregg

Water: Salty, Sulphur, ~~Brackish, Fresh~~ (Cross out terms that do not apply.

Remarks: .....

Put additional remarks or other information on back of sheet.

Present at test: J. W. Gregg, A. J. Bergquist and crew

Do you consider that test was satisfactory? Yes X No .....

Does chart show normal operation of tester? Yes X No .....

Pressure on chart (Hydrostatic) before tester opened ..... p.s.i.

" " " (Flowing) with tester open ..... p.s.i. (shut in) ..... p.s.i.

Is chart attached: Yes ..... No. X Who has it J. W. Gregg

FORM 814A-5M-5-52

Engineer/Toolpusher: A. J. Bergquist

FORM 539-10M 5-53

Time Drilling ~~and/or Coring~~ Record

DEPTH		TIME O'CLOCK		Time Elapsed Minutes	Rate Ft./Hr.	REMARKS
From	To	From	To			
K.B. 0	10	6:30	7:50			Sample 7:50
	11	7:50	9:30	100		Mud Temp. 7:00 - 80°
	12	9:30	9:51	21		Second. Mud Temp. 8:00 - 90°
	13	9:51	10:15	24		Third. Mud Temp. 9:00 - 92°
	14	10:35	10:49	14		Low. Mud Temp. 10:00 - 92°
	15	10:49	11:00	11		Low. Mud Temp. 11:00 - 108°
15	16	11:00	11:13	13		Second
	17	11:13	11:42	29		Second and Low
	18	11:42	12:40	58		Sec. & Low Gear Mud Temp. 12:00 - 55°F.
	19	12:40	1:15	35		Sec. & Low Gear Mud Temp. 1:00 - 53°
	20	1:15	1:45	30		Low & Third Sample at 1:45 a.m.
20	21	1:45	2:07	22		Third Gear Mud Temp. at 2:00 - 58°
	22	2:07	2:34	27		Third
	23	2:34	2:58	24	Rough	Low & Third Mud Temp. at 3:00 - 62°
	24	2:58	3:19	21		Sec. & Third
	25	3:19	3:35	16		Third at 4:00 - 62°
25	26	3:35	3:50	15		Third Circ. Work Pipe. Pick up D.C. Would not go to bottom.
	27	5:00	5:23	23		Low & Third Mud Temp. at 5:00 - 61°
	28	5:23	5:38	15		Third
	29	5:38	6:25	47	Rough Drilling	Low, Sec., Third, High Mud Temp. at 6:00 - 61°F
	30	6:25	7:00	35		High Sample at 7:00 at 7:00 - 63°

Ream crooked hole could not get D.C. to bottom

Reamed. Didn't work. Came out. Picked up 12¼ Bit. Went back in to erlarge hole at 8:00 - 62°

FORM 839-10M 5-53

Time Drilling and / or Coring Record

	DEPTH From	DEPTH To	TIME O'CLOCK From	TIME O'CLOCK To	Time Elapsed Minutes	Rate Ft./Hr.	REMARKS Table Gear
	30	31	2:08	3:00	52		Slow Second Temp. at 2:00 - 80°F
		32	3:00	3:55	55		Low at 3:00 - 78°F
		33	3:55	5:20	85=73	Rough	Rig Service 12 Min. Low at 4:00&5:00-78°
		34	5:20	6:19	59		Low at 6:00 a.m.-77°F
		35	6:19	6:53	34	Work to	ID-16 Pump Motor. Wait for Replacement
Nov.20/55	35	36	12:05	1:05	60		Low Mud Temp. at 1:00 - 72°F
		37	1:05	1:53	48		Low at 2:00 - 74°
		38	1:53	3:05	73		Low at 3:00 - 70°
		39	3:05	4:05	60		Low at 4:00 - 76°
		40	4:05	4:52	47		Low Sample at 4:52 at 5:00 - 77°
	40	41	5:20	6:06	46		Mix Mud and Rig Service 28 Min. Temp. at 6:00 - 73°
		42	6:06	6:47	41		at 7:00 - 73°
		43	6:47	8:32	90		Trip to Inspect Bit (O.K.) at 8:00 - 80°F
		44	8:32	9:19	47		Low Gear at 9:00 - 76°
		45	9:19	10:09	50		Low Gear at 10:00-65°
	45	46	10:09	10:49	40		Low Gear at 11:00 - 65°F
		47	10:49	11:14	25		Low Gear at 12:00 - 65°
		48	11:14	11:32	18		Low & Third at 1:00 - 65°
		49	11:32	2:28	140		Low & Third Trip New Bit 1/2 hour at 2:00 - 64°
		50	2:28	3:22	54		Sample at 3:22 at 3:00 - 65°
	50	51	3:22	4:26	64		at 4:00 - 68°
		52	4:26	5:30	64		5:00 - 68°
		53	5:30	7:12	102		Second Gear, Rough (Low) 6:00 - 64°
		54	7:12	9:05	113		Low. Rig Service 15 mins. Trip out and check bit. OK. 7:00 - 60°
		55	9:20	10:22	62		Low table 94 R.P.M. 8:00 - 60°
	55	56	10:22	11:04	42		Low table 94 R.P.M. 9:00 - 60°
		57	11:04	12:15	71		Low. 10:00 - 62°

FORM 839-10M 5-53

Time Drilling and / or Coring Record

DEPTH		TIME O'CLOCK		Time Elapsed Minutes	Rate Ft./Hr.	REMARKS	
From	To	From	To			Table Gear.	Mud Temp.
57	58	12:15	12:58	43		Low.	11:00 - 62°
	59	12:58	1:38	40		Low. Mud Temp. @ 11:00 AM 62° F	12:00 - 62°
	60	1:38	2:23	45		Low. Sample @	@ 2:00 - 64° F
60	61	2:23	3:08	45		Low.	Temp @ 3:00 - 63° F
	62	3:08	4:03	55		Low.	@ 4:00 - 64° F
	63	4:03	5:30	87		Low.	5:00 - 64°
	64	5:30	6:11	41		Low.	6:00 - 64°
	65	6:11	6:24	13		Low & Third	
65	66	6:24	6:55	19		Low & Third. Mix mud 12 min.	
	67	6:55	7:02	7		Third.	7:00 - 64°
	68	7:02	7:10	8		Third.	
	69	7:10	7:27	17		Third.	
	70	7:27	7:37	10		Third. Sample @ 7:37.	
70	71	7:37	7:46	9		Third.	
	72	7:46	7:55	9		Third.	
	73	7:55	8:02	7		Third.	A.M. 8:00 - 62° F
	74	8:02	8:11	9		Third.	
	75	8:11	8:53	42		Second.	9:00 - 60°
75	76	8:53	10:27	76		Low. 18 min connection.	10:00 - 63°
	77	10:27	10:48	21		Low.	
	78	10:48	11:03	15		Second.	11:00 - 61°
	79	11:03	11:33	30		Low.	
	80	11:33	11:53	20		Low. Sample @ 11:53.	12:00 - 62° F
80	81	11:53	12:17	24		Low.	
	82	12:17	12:31	14		Low.	
	83	12:31	12:49	18		Low.	
	84	12:49	1:07	18		Low.	

FORM 539-10M 5-53

Time Drilling and / or Coring Record

DEPTH		TIME O'CLOCK		Time Elapsed Minutes	Rate Ft./Hr.	REMARKS	
From	To	From	To			Table Gear	Mud Temp.
84	85	1:07	1:30	23		Low.	1:00 - 80°
85	86	1:30	2:00	30		Low.	
Expected end of Lime.	87	2:00	2:32	32		Low.	2:00 - 70°
	88	2:32	3:00	28		Low.	
	89	3:00	3:26	26		Low.	3:00 - 68°
	90	3:26	3:53	27		Low. Sample @ 3:53	
90	91	3:53	4:09	16		Low. Bit jumping.	
Pulled bit.	92	4:09	4:30	21		Low. Bit jumping.	4:00 - 68°
	93	5:30	5:42	12		Low. Top of Hay River Shale.	
	94	5:42	5:49	7		Low.	
	95	5:49	5:57	8		Low.	
95	96	5:57	6:04	7		Low.	
	97	6:04	6:22	18		Low.	6:00 - 68°
	98	6:22	7:40	78		Low.	7:00 - 68°
	99	7:40	8:17	37		Low.	8:00 - 68°
	100	8:17	8:22	5		Low. Sample @ 8:22	
100	101	8:22	8:30	8		Low.	
	102	8:30	8:34	4		Low.	
	103	8:34	8:39	5		Low.	
	104	8:39	8:45	5		Low.	
	105	8:45	8:51	6		Low.	
105	106	8:51	9:04	13		Low.	9:00 - 68°
	107	9:04	9:19	15		Low.	
	108	9:19	9:52	33		Low. Connection 15 min.	
	109	9:52	10:08	16		Low. Lag sample 1 min.	10:00 - 68°
	110	10:08	10:14	6		Low. Sample @ 10:15.	
110	111	10:14	10:21	7		Low.	

FORM 639-10M 5-53

Time Drilling and / or Coring Record

DEPTH		TIME O'CLOCK		Time Elapsed Minutes	Rate Ft./Hr.	REMARKS	
From	To	From	To			Table Gear	Mud Temp.
111	112	10:21	10:30	9		Low.	
	113	10:30	10:38	8		Low.	
	114	10:38	10:47	9		Low.	
	115	10:47	11:20	33		Low.	11:00 - 68°
115	116	11:20	11:46	26		Low.	
	117	11:46	12:00	14		Low. Work to pump 15 min. 12:00	
	118	12:00	12:08	8		Low.	
	119	12:08	12:15	7		Low.	12:00 - 68° F
	120	12:15	12:20	5		Low. Sample @ 12:21.	
120	121	12:20	12:26	6		Low. Mud.	
	122	12:26	12:32	6		Low. Viscosity 50.	
	123	12:32	12:39	7		Low. Gel 56.	
	124	12:39	12:45	6		Low. Weight # Gal. 9.1.	
	125	12:45	12:49	4		Low. Pump RPM 70.	
125	126	12:49	12:55	6		Low.	
	127	12:55	1:03	8		Low. Rough.	1:00 - 68°
	128	1:03	1:09	6		Low.	
	129	1:09	1:16	7		Low.	
	130	1:16	1:21	5		Low. Sample @ 1:22.	
130	131	1:21	1:27	6		Low.	
	132	1:27	1:32	5		Low.	
	133	1:32	1:38	6		Low.	
	134	1:38	1:44	6		Low.	
	135	1:44	1:50	6		Low.	
135	136	1:50	1:55	5		Low.	
	137	1:55	2:01	6		Low.	2:00 - 68°
	138	2:01	2:09	8		Low.	

FORM 639-10M 5-53

Time Drilling and / or Coring Record

DEPTH		TIME O'CLOCK		Time Elapsed Minutes	Rate Ft./Hr.	REMARKS	
From	To	From	To			Table Gear	Mud Temp.
138	139	2:24	2:32	8		Low. Connection 15 min.	
	140	2:32	2:36	4		Low. Sample @ 2:37.	
140	141	2:36	2:39	3		Low. Mud.	
	142	2:39	2:42	3		Low. 94 RPM. Viscosity 52.	
	143	2:42	2:45	3		Low. Gel 58.	
	144	2:45	2:47	2		Low. Weight 9.1 # Gal.	
	145	2:47	2:49	2		Low. W.L. 9.0.	
145	146	2:49	2:52	3		Low. P.H. 7.0.	
	147	2:52	2:54	2		Low. F.C. 2/32.	
	148	2:54	2:57	3		Low.	
	149	2:57	3:07	6		Low. Rough	@ 3:00 - 68°
	150	3:07	3:28	21		Low. Sample @ 3:29.	
150	151	3:28	3:39	11		Low. Rough table.	
	152	3:39	4:04	25		Low. Rough table.	A.M. 4:00 - 68°
	153	4:04	4:33	29		Low. Rough table.	
	154	4:33	4:55	23		Low. Rough table.	
	155	4:55	5:15	20		Low. Rough table.	5:00 - 65° F
155	156	5:15	5:30	15		Low. Rough table.	
	157	5:30	5:47	17		Low. Rough table.	
	158	5:47	5:58	11		Low. Rough table. Table smoothing out.	
	159	5:58	6:06	8		Third.	6:00 - 62° F
	160	6:06	6:14	8		Third. Sample @ 6:15.	
160	161	6:14	6:17	3		Third.	
	162	6:17	6:19	2		Third. Samples lagged 1 minute.	
	163	6:19	6:21	2		Third. Viscosity 53.	
	164	6:21	6:22	1		Third. Gel 60.	
	165	6:22	6:24	2		Third. Weight 9.1 # Gal.	

FORM 839-10M 5-53

Time Drilling and / or Coring Record

DEPTH		TIME O'CLOCK		Time Elapsed Minutes	Rate Ft./Hr.	REMARKS
From	To	From	To			Table Gear Mud Temp.
165	166	6:24	6:26	2		Third.
	167	6:26	6:28	2		Third. Started adding water
	168	6:28	6:30	2		to bring up volume in pits.
	169	6:46	6:48	2		Second. Connection & rig service 16 mins.
	170	6:48	6:50	2		Low. Sample @ 6:51.
5 ft.	175	6:50	7:05	15		Second & Third. Rough drilling Last foot. 7:00 - 61°F
175	176	7:05	7:12	7		Third.
	177	7:12	7:19	7		Third.
	178	7:19	7:23	4		Third.
	179	7:23	7:25	2		Third.
	180	7:25	7:35	10		Low. Rough drilling. Sample @ 7:36.
180	181	7:35	7:40	5		Low.
	182	7:40	7:46	6		Low.
	183	7:46	7:51	5		Low.
	184	7:51	7:56	5		Low.
	185	7:56	7:59	3		Low. A.M. 8:00 - 62°
185	186	7:59	8:01	2		Low.
	187	8:01	8:03	2		Third.
	188	8:03	8:05	2		Third.
	189	8:05	8:07	2		Third.
	190	8:07	8:08	1		Third. Sample @ 8:09.
190	191	8:08	8:10	2		Third.
	192	8:10	8:13	3		Third.
	193	8:13	8:15	2		Third.
	194	8:15	8:17	2		Third.
	195	8:17	8:19	2		Third.
195	196	8:19	8:21	2		Third.

FORM 939-10M 5-53

Time Drilling and/or Coring Record

DEPTH		TIME O'CLOCK		Time Elapsed Minutes	Rate Ft./Hr.	REMARKS
From	To	From	To			Table Gear — Mud Temp.
196	197	8:21	8:22	1		Third.
	198	8:22	8:24	2		Third.
	199	8:24	8:28	4		Third. Work pipe & clean hole.
	200	8:07	9:11	4		2 min. lag. Sample @ 9:13. Low. Connection 17 min.
200	201	9:11	9:15	4		Low. Table rough. 9:00 AM - 61° F
	202	9:15	9:21	6		Low. Table rough.
	203	9:21	9:26	5		Low. Table rough.
	204	9:26	9:31	5		Low. Viscosity 62.
	205	9:31	9:35	4		Weight 9.1 # Gal. Low. Table smoothed out.
205	206	9:35	9:39	4		Low.
	207	9:39	9:45	6		Low.
	208	9:45	9:50	5		Low. Rough drilling.
	209	9:50	9:52	2		Low. Table smooth.
	210	9:52	9:55	3		Low. Sample @ 9:57.
210	211	9:55	9:58	3		Low.
	212	9:58	10:02	4		Low. 94 RPM. A.M. 10:00 - 63° F
	213	10:02	10:05	3		Low. 94 RPM.
	214	10:05	10:08	3		Low.
	215	10:08	10:11	3		Low.
215	216	10:11	10:14	3		Low.
	217	10:14	10:17	3		Low.
	218	10:17	10:21	4		Low.
	219	10:21	10:24	3		Low.
	220	10:24	10:28	4		Low. Sample @ 10:30.
220	221	10:28	10:32	4		Low.
	222	10:32	10:37	5		Low. Mud @ 10:00 AM.
	223	10:37	10:42	5		Low. Viscosity 54.

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Time Drilling and / or Coring Record

DEPTH From	DEPTH To	TIME O'CLOCK From	TIME O'CLOCK To	Time Elapsed Minutes	Rate Ft./Hr.	REMARKS Table Gear — Mud Temp.
223	224	10:42	10:45	3		Low. Gel 61.
	225	10:45	10:49	4		Low. Weight 9.1 # Gal.
225	226	10:49	10:53	4		Low. W. Loss 10.0
	227	10:53	11:04	11		Low. P.H. 72. Rough drilling.
	228	11:04	11:07	3		Low. 11:00 - 65°F
	229	11:07	11:10	3		Low. Connection 13 min.
	230	11:23	11:26	3		Low. Sample @ 11:28.
230	231	11:26	11:29	3		Low.
	232	11:29	11:32	3		Low.
	233	11:32	11:37	5		94 RPM. Rough drilling.
	234	11:37	11:41	4		Low. Smoothed out.
	235	11:41	11:46	5		Low.
235	236	11:46	11:50	4		Low.
	237	11:50	11:53	3		Low.
	238	11:53	11:57	4		Low.
	239	11:57	12:01	4		Low. 12:00 - 68°
	240	12:01	12:05	4		Low. Sample @ 12:07
240	241	12:05	12:10	5		Low. Rough.
	242	12:10	12:14	4		Low.
	243	12:14	12:17	3		Low.
	244	12:17	12:20	3		Low.
	245	12:20	12:28	8		Low. Rough
245	246	12:28	12:36	8		Low.
	247	12:36	12:43	7		Low.
	248	12:43	12:50	7		Low.
	249	12:50	12:56	6		Low.
	250	12:56	1:03	7		Low. Sample @ 1:05.

FORM S39-10M 5-63

Time Drilling and / or Coring Record

DEPTH		TIME O'CLOCK		Time Elapsed Minutes	Rate Ft./Hr.	REMARKS	
From	To	From	To			Table Gear	Mud Temp.
250	251	1:03	1:07	4		Low. Rough.	@ 1:00 - 68°
	252	1:07	1:11	4		Low.	
	253	1:11	1:25	14		Low.	
	254	1:25	1:36	11		Low.	
	255	1:36	1:41	5		Low. Table RPM 94.	
255	256	1:41	1:47	6		Low.	
	257	1:47	1:53	6		Low.	
	258	1:53	1:58	5		Low.	2:00 - 68°
	259	1:58	2:04	6		Low.	
	260	2:04	2:14	10		Low. Rig service, connection, new packing in swivel. Sample @ 2:16.	
260	261	3:15	3:25	10		Low.	
	262	3:25	3:37	12		Low.	
	263	3:37	3:44	7		Low.	
	264	3:44	3:50	6		Low.	
	265	3:50	3:58	8		Low.	
265	266	3:58	4:04	6		Low.	4:00 - 68°
	267	4:04	4:22	18		Low.	
	268	4:22	4:36	14		Low.	
	269	4:36	4:50	14		Low.	
	270	4:50	5:09	19		Low. Sample @ 6:01.	5:00 - 60°
270	271	5:09	5:26	17		Low.	
	272	5:26	5:44	18		Low.	
	273	5:44	6:01	17		Low.	6:00 - 60°
	274	6:01	6:16	15		Low.	
	275	6:16	6:32	16		Low.	
275	276	6:32	6:49	17		Low.	
	277	6:49	7:06	17		Low.	7:00 - 58°

FORM 539 10M 5-53

Time Drilling and / or Coring Record

DEPTH From	DEPTH To	TIME O'CLOCK From	TIME O'CLOCK To	Time Elapsed Minutes	Rate Ft./Hr.	REMARKS Table Gear	Mud Temp.
277	278	7:06	7:27	21		Low.	
	279	7:27	7:48	21		Low.	
	280	7:48	8:08	20		Low. Sample @ 8:10.	
280	281	8:08	8:27	19		Low.	@ 8:00 - 58°
	282	8:27	8:47	20		Low.	
	283	8:47	9:07	20		Low.	
	284	9:07	9:27	20		Low.	
	285	9:27	9:47	20		Low.	
285	286	9:47	10:04	17		Low.	10:00 - 58°
	287	10:04	10:20	16		Low.	
	288	10:20	10:36	16		Low.	
	289	10:36	10:50	14		Low.	
	290	10:50	11:10	20		Low. Sample @ 11:12. Connection 20 min.	
290	291	11:30	11:37	7		Low.	11:00 - 58°
	292	11:37	11:42	5		Low.	
	293	11:42	11:48	6		Low.	
	294	11:48	11:53	5		Low.	
	295	11:53	11:58	5		Low.	12:00 - 58°
295	296	11:58	12:04	6		Low.	
	297	12:04	12:11	7		Low.	
	298	12:11	12:18	7		Low.	
	299	12:18	12:24	6		Low.	
	300	12:24	12:30	6		94 RPM. Samples lagged 3 min. Sample @ 12:33.	
300	301	12:30	12:36	6		94 RPM.	
	302	12:36	12:43	7		94 RPM. Mud - Visc. 55; Gel 63; Wt. 9.5 # Gal.	
	303	12:43	12:50	7		94 RPM.	
	304	12:50	12:57	7		94 RPM	1:00 AM - 64° F

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Time Drilling and / or Coring Record

DEPTH From	DEPTH To	TIME O'CLOCK From	TIME O'CLOCK To	Time Elapsed Minutes	Rate Ft./Hr.	REMARKS Table Gear — Mud Temp.
304	305	12:57	1:04	7		94 RPM.
305	306	1:04	1:09	5		94 RPM.
	307	1:09	1:14	5		94 RPM.
	308	1:14	1:19	5		94 RPM.
	309	1:19	1:24	5		94 RPM.
	310	1:24	1:29	5		94 RPM. Sample @ 1:32.
310	311	1:29	1:33	4		94 RPM.
	312	1:33	1:38	5		94 RPM.
	313	1:38	1:43	5		94 RPM.
	314	1:43	1:48	5		94 RPM.
	315	1:48	1:53	5		94 RPM.
315	316	1:53	1:58	5		94 RPM.
	317	1:58	2:03	5		94 RPM. @ 2 AM - 54° F
	318	2:03	2:08	5		94 RPM.
	319	2:08	2:13	5		94 RPM.
	320	2:13	2:18	5		94 RPM. Sample @ 2:21.
320	321	2:18	2:24	6		Low. Trip to change bits (rig service)
	322	6:48	6:57	9		Low. Bit #4 OSC1G Ser. #4253 - 9".
	323	6:57	6:04	7		94 RPM. Weather temp. 35° F.
	324	6:04	6:10	6		94 RPM. @ 6:00 - 52° F
	325	6:10	6:17	7		94 RPM. Mud - Visc. 60; Gel 70; Wt. 9.5 # Gal.
325	326	6:17	6:27	10		94 RPM. W.L. 9.4; P.H. 7.2. Rough drilling.
	327	6:27	6:36	9		94 RPM. Rough drilling.
	328	6:36	6:41	5		94 RPM. Table smoothed out.
	329	6:41	6:47	6		94 RPM.
	330	6:47	6:55	8		94 RPM. Sample @ 6:58.
330	331	6:55	7:02	7		94 RPM @ 7:00 AM 54° F

FORM S39-10M 9-53

Time Drilling and / or Coring Record

DEPTH From	DEPTH To	TIME O'CLOCK From	TIME O'CLOCK To	Time Elapsed Minutes	Rate Ft./Hr.	REMARKS Table Gear	Mud Temp.
331	332	7:02	7:08	6		94 RPM	
	333	7:08	7:13	5		94 RPM	
	334	7:13	7:19	6		94 RPM	
	335	7:19	7:24	5		94 RPM	
335	336	7:24	7:30	6		94 RPM	
	337	7:30	7:35	5		94 RPM	
	338	7:35	7:43	8		94 RPM	
	339	7:43	7:50	7		94 RPM	
	340	7:50	7:59	9		94 RPM. Sample @ 8:02.	
340	341	7:59	8:05	6		94 RPM.	@ 8:00 AM 56° F
	342	8:05	8:12	7		94 RPM.	
	343	8:12	8:24	12		Low. Rough drilling.	
	344	8:24	8:37	13		94 RPM. Rough drilling.	
	345	8:37	8:59	22		94 RPM. Rough drilling.	
345	346	8:59	9:22	23		94 RPM. Rough drilling. @ 9:00 AM 57°	
	347	9:22	9:41	19		94 RPM. Rough drilling.	
	348	9:41	9:53	12		94 RPM. Rough drilling.	
	349	9:53	10:13	20		94 RPM. Rough drilling. @ 10:00 - 56°	
	350	10:13	10:22	9		94 RPM. Sample @ 10:25. Table smoothed out	
350	351	10:22	10:33	11		94 RPM.	
	352	10:33	10:39	6		94 RPM. Connection 15 min.	
	353	10:54	11:01	7		94 RPM.	@ 11:00 - 58°
	354	11:01	11:08	7		94 RPM.	
	355	11:08	11:13	5		94 RPM.	
355	356	11:13	11:17	4		94 RPM.	
	357	11:17	11:21	4		94 RPM.	
	358	11:21	11:25	4		94 RPM.	

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Time Drilling and / or Coring Record

DEPTH From	DEPTH To	TIME O'CLOCK From	TIME O'CLOCK To	Time Elapsed Minutes	Rate Ft./Hr.	REMARKS Table Gear	Mud Temp.
358	359	11:25	11:30	5		94 RPM.	
	360	11:30	11:35	5		94 RPM. Sample @ 11:38.	
	361	11:35	11:40	5		94 RPM.	
	362	11:40	11:45	5		94 RPM.	
	363	11:45	11:50	5		94 RPM.	
	364	11:50	11:54	4		94 RPM.	
	365	11:54	12:00	6		Low. Lag on samples.	
365	366	12:00	12:05	5		94 RPM.	@ 12:00 - 57°
	367	12:05	12:10	5		94 RPM.	
	368	12:10	12:15	5		94 RPM.	
	369	12:15	12:20	5		94 RPM.	
	370	12:20	12:26	6		94 RPM. Sample @ 12:29.	
370	371	12:26	12:32	6		94 RPM.	
	372	12:32	12:37	5		94 RPM.	
	373	12:37	12:44	7		94 RPM.	
	374	12:44	12:50	6		94 RPM.	
	375	12:50	12:56	6		94 RPM.	
375	376	12:56	1:02	6		94 RPM.	@ 1:00 - 57°
	377	1:02	1:08	6		94 RPM.	
	378	1:08	1:14	6		94 RPM.	
	379	1:14	1:19	5		94 RPM.	
	380	1:19	1:26	7		94 RPM. Sample @ 1:29.	
380	381	1:26	1:32	8		94 RPM.	
	382	1:32	1:38	6		94 RPM.	
	383	1:38	1:45	7		94 RPM. Connection 20 min.	
	384	2:05	2:10	5		94 RPM.	@ 2:00 - 48°
	385	2:10	2:14	4		94 RPM.	

FORM 539-10M 5-53

Time Drilling and / or Coring Record

DEPTH		TIME O'CLOCK		Time Elapsed Minutes	Rate Ft./Hr.	REMARKS	
From	To	From	To			Table Gear	Mud Temp.
385	386	2:14	2:17	3		94 RPM.	
	387	2:17	2:21	4		94 RPM.	
	388	2:21	2:24	3		Low.	
	389	2:24	2:28	4		Low.	
	390	2:28	2:32	4		Low. Sample @ 2:35.	
390	391	2:32	2:36	4		Low.	
	392	2:36	2:40	4		Low.	
	393	2:40	2:44	4		Low.	
	394	2:44	2:47	3		Low.	
	395	2:47	2:52	5		Low.	
395	396	2:52	2:56	4		Low.	
	397	2:56	3:03	7		Low.	@ 3:00 – 58°
	398	3:03	3:07	6		Low.	
	399	3:07	3:10	3		Low. 4 min lay on samples.	
	400	3:10	3:14	4		Low. Sample @ 3:18.	
400	401	3:14	3:19	5		Low.	
	402	3:19	3:24	5		Low.	
	403	3:24	3:30	6		Low.	
	404	3:30	3:36	6		Low.	
	405	3:36	3:42	6		Low.	
405	406	3:42	3:47	5		Low.	
	407	3:47	3:52	5		Low.	
	408	3:52	3:57	5		Low.	
	409	3:57	4:01	4		Low.	
	410	4:01	4:07	6		Low. Sample @ 4:11.	@ 4:00 – 50°
410	411	4:07	4:18	11		Low. Rough.	
	412	4:18	4:23	5		Low.	

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Time Drilling and / or Coring Record

DEPTH		TIME O'CLOCK		Time Elapsed Minutes	Rate Ft./Hr.	REMARKS Table Gear	Mud Temp.
From	To	From	To				
439	440	7:17	7:22	5		Low. Sample @ 7:26.	
	441	7:22	7:27	5		Low.	
	442	7:27	7:32	5		Low.	
	443	7:32	7:39	7		Low.	
	444	7:39	7:45	6		Low.	
	445	7:45	7:52	7		Low. Connection 15 min.	
445	446	8:07	8:12	5		Low.	@ 8:00 - 40°
	447	8:12	8:18	6		Low.	
	448	8:18	8:23	5		Low.	
	449	8:23	8:28	5		Low.	
	450	8:28	8:33	5		Low. Sample @ 8:37.	
450	451	8:33	8:39	6		Low.	
	452	8:39	8:45	6		Low.	
	453	8:45	8:51	6		Low.	
	454	8:51	8:56	5		Low.	
	455	8:56	9:01	5		Low.	@ 9:00 - 50°
455	456	9:01	9:06	5		Low.	
	457	9:06	9:11	5		Low.	
	458	9:11	9:19	8		Low.	
	459	9:19	9:25	6		Low.	
	460	9:25	9:31	6		Low. Sample @ 9:35.	
460	461	9:31	9:37	6		Low.	
	462	9:37	9:42	5		Low.	
	463	9:42	9:47	5		Low.	
	464	9:47	9:54	5		Low.	
	465	9:54	10:00	6		Low.	
465	466	10:00	10:07	7		Low.	@ 10:00 - 50°

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Time Drilling and/or Coring Record

DEPTH		TIME O'CLOCK		Time Elapsed Minutes	Rate Ft./Hr.	REMARKS
From	To	From	To			Table Gear / Mud Temp.
412	413	4:23	4:29	6		Low.
	414	4:29	4:39	10		Low.
	415	4:39	4:50	11		Low. Tighten swivel packing. Connection 15 min.
415	416	5:05	5:10	5		Low. @ 5:00 - 50°
	417	5:10	5:15	5		Low.
	418	5:15	5:19	4		Low.
	419	5:19	5:26	7		Low.
	420	5:26	5:32	6		Low. Sample @ 5:35.
420	421	5:32	5:37	5		Low.
	422	5:37	5:42	5		Low.
	423	5:42	5:47	5		Low.
	424	5:47	5:53	6		Low.
	425	5:53	5:59	6		Low. @ 6:00 - 58°
425	426	5:59	6:04	5		Low.
	427	6:04	6:09	5		Low.
	428	6:09	6:15	6		Low.
	429	6:15	6:20	5		Low.
	430	6:20	6:27	7		Low. Sample @ 6:31.
430	431	6:27	6:32	5		Low.
	432	6:32	6:38	6		Low.
	433	6:38	6:43	5		Low.
	434	6:43	6:50	7		Low.
	435	6:50	6:55	5		Low.
435	436	6:55	7:02	7		Low. @ 7:00 - 50°
	437	7:02	7:06	4		Low.
	438	7:06	7:12	6		Low.
	439	7:12	7:17	5		Low.

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Time Drilling and / or Coring Record

DEPTH From	DEPTH To	TIME O'CLOCK From	TIME O'CLOCK To	Time Elapsed Minutes	Rate Ft./Hr.	REMARKS Table Gear	REMARKS Mud Temp.
466	467	10:07	10:14	7		Low.	
	468	10:14	10:22	8		Low.	
	469	10:22	10:30	8		Low.	
	470	10:30	10:39	9		Low. Sample @ 10:43.	
470	471	10:39	10:46	7		Low.	
	472	10:46	10:56	10		Low.	
	473	10:56	11:04	8		Low.	
	474	11:04	11:12	8		Low.	@ 11:00 - 50°
	475	11:12	11:21	9		Low.	
475	476	11:21	11:29	8		94 RPM.	@ midnite - 56°F
	477	11:29	11:58	8		94 RPM. Connection 12 min.	
	478	12:10	12:14	4		94 RPM. Work to pump 12 min.	
	479	12:14	12:19	5		94 RPM. and rig service.	
	480	12:19	12:24	5		94 RPM. Sample @ 12:28.	
480	481	12:24	12:28	4		94 RPM.	
	482	12:28	12:33	5		94 RPM. Mud - Visc. 75; Gel 86.	
	483	12:33	12:38	5		94 RPM.	Wt. 10.1 # Gal.
	484	12:38	12:43	5		94 RPM.	
	485	12:43	12:48	5		94 RPM.	
485	486	12:48	12:53	5		94 RPM.	
	487	12:53	12:58	5		94 RPM.	
	488	12:58	1:03	5		94 RPM.	A.M. @ 1:00 - 57°F
	489	1:03	1:08	5		94 RPM.	
	490	1:08	1:13	5		94 RPM. Sample @ 1:17.	
490	491	1:13	1:19	6		94 RPM.	
	492	1:19	1:24	5		94 RPM.	
	493	1:24	1:29	5		94 RPM.	

FORM 539-10M 5-63

Time Drilling and / or Coring Record

DEPTH		TIME O'CLOCK		Time Elapsed Minutes	Rate Ft./Hr.	REMARKS	
From	To	From	To			Table Gear	Mud Temp.
493	494	1:29	1:34	5		94 RPM.	
	495	1:34	1:40	6		94 RPM.	
495	496	1:40	1:45	5		94 RPM.	
	497	1:45	1:51	6		Low.	
	498	1:51	1:57	6		94 RPM.	
	499	1:57	2:01	4		94 RPM. Samples lagged 5 min.	@ 2:00 AM - 58°F
	500	2:01	2:07	6		94 RPM. Sample @ 2:12.	
500	501	2:07	2:12	5		94 RPM.	
	502	2:12	2:16	4		94 RPM.	
	503	2:16	2:22	6		94 RPM.	
	504	2:22	2:27	5		94 RPM.	
	505	2:27	2:32	5		94 RPM.	
505	506	2:32	2:37	5		94 RPM.	
	507	2:37	2:42	5		94 RPM. Connection 11 min.	
	508	2:53	2:58	5		94 RPM.	
	509	2:58	3:02	4		94 RPM.	@ 3 AM - 58°F
	510	3:02	3:07	5		94 RPM. Sample @ 3:12.	
510	511	3:07	3:13	6		94 RPM.	
	512	3:13	3:17	4		94 RPM.	
	513	3:17	3:26	9		94 RPM. Rough drilling.	
	514	3:26	3:31	5		94 RPM. Table smoothed out.	
	515	3:31	3:36	5		94 RPM.	
515	516	3:36	3:42	6		94 RPM.	
	517	3:42	3:47	5		94 RPM.	
	518	3:47	3:51	4		94 RPM.	
	519	3:51	3:57	6		Low.	
	520	3:57	4:01	4		94 RPM. Sample @ 4:06.	

FORM 839 10M 5-53

Time Drilling and / or Coring Record

DEPTH From	DEPTH To	TIME O'CLOCK From	TIME O'CLOCK To	Time Elapsed Minutes	Rate Ft./Hr.	REMARKS Table Gear	Mud Temp.
520	521	4:01	4:06	5		94 RPM.	@ 4:00 AM - 60° F
	522	4:06	4:11	5		94 RPM.	
	523	4:11	4:16	5		94 RPM. Mud - Visc. 75; Gel 86;Wt 10.1.	
	524	4:16	4:21	5		94 RPM.	
	525	4:21	4:26	5		94 RPM.	
525	526	4:26	4:32	6		94 RPM.	
	527	4:32	4:37	5		94 RPM.	
	528	4:37	4:43	6		94 RPM.	
	529	4:43	4:49	6		94 RPM.	
	530	4:49	4:53	4		94 RPM. Sample @ 4:58.	
530	531	4:53	4:58	5		94 RPM.	
	532	4:58	5:03	5		94 RPM.	@ 5:00 AM - 61° F
	533	5:03	5:08	5		94 RPM.	
	534	5:08	5:13	5		94 RPM.	
	535	5:13	5:18	5		94 RPM.	
535	536	5:18	5:23	5		94 RPM.	
	537	5:23	5:28	5		94 RPM.	
	538	5:28	5:33	5		94 RPM. Connection 14 min.	
	539	5:47	5:52	5		94 RPM.	
	540	5:52	5:57	5		94 RPM. Sample @ 6:02.	
540	541	5:57	6:02	5		Low.	@ 6:00 AM - 62° F
	542	6:02	6:06	4		94 RPM. Viscosity & Gel started	
	543	6:06	6:10	4		94 RPM. climbing. Mixed Quebracho.	
	544	6:10	6:14	4		94 RPM.	
	545	6:14	6:19	5		94 RPM.	
545	546	6:19	6:23	4		94 RPM.	
	547	6:23	6:26	3		94 RPM.	

FORM 839-10M 5-53

Time Drilling [redacted] Record

DEPTH From	DEPTH To	TIME O'CLOCK From	TIME O'CLOCK To	Time Elapsed Minutes	Rate Ft./Hr.	REMARKS Table Gear	Mud Temp.
547	548	6:26	6:30	4		94 RPM.	
	549	6:30	6:35	5		94 RPM.	
	550	6:35	6:39	4		94 RPM. Sample @ 6:44.	
550	551	6:39	6:43	4		94 RPM.	
	552	6:43	6:47	4		94 RPM.	
	553	6:47	6:52	5		94 RPM.	
	554	6:52	6:56	4		94 RPM.	
	555	6:56	6:59	3		94 RPM.	
555	556	6:59	7:04	5		94 RPM.	@ 7:00 AM - 62° F
	557	7:04	7:09	5		94 RPM. Mud:	
	558	7:09	7:14	5		94 RPM. Vis 61; Gel 71; Wt. 10.2# Gal.	
	559	7:14	7:19	5		94 RPM.	
	560	7:19	7:24	5		94 RPM. Sample @ 7:29.	
560	561	7:24	7:27	3		94 RPM.	
	562	7:27	7:31	4		94 RPM.	
	563	7:31	7:35	4		Low.	
	564	7:35	7:39	4		94 RPM.	
	565	7:39	7:43	4		94 RPM.	
565	566	7:43	7:47	4		94 RPM.	
	567	7:47	7:52	5		94 RPM.	
	568	7:52	7:57	5		94 RPM. Connection 12 min.	
	569	7:09	7:14	5		94 RPM.	@ 8:00 AM - 63° F
	570	7:14	7:19	5		94 RPM. Sample @ 7:24.	
570	571	7:19	7:23	4		94 RPM.	
	572	7:23	7:27	4		94 RPM.	
	573	7:27	7:32	5		94 RPM.	
	574	7:32	7:37	5		94 RPM.	

FORM S39-10M 5-53

Time Drilling ~~and/or Coring~~ Record

DEPTH From	DEPTH To	TIME O'CLOCK From	TIME O'CLOCK To	Time Elapsed Minutes	Rate Ft./Hr.	REMARKS Table Gear Mud Temp.
574	575	8:37	8:42	5		94 RPM.
	576	8:42	8:46	4		94 RPM.
	577	8:46	8:49	3		94 RPM.
	578	8:49	8:54	5		94 RPM.
	579	9:44 8:54	9:49	5		94 RPM. Work to spline Shaft.
	580	9:49	9:54	5		94 RPM. Sample @ 9:59. Coupling on
580	581	9:54	9:49	5		Rotary Drive 50 minutes
	582	9:49	10:04	5		94 RPM. Mud temp @ 10:00 - 64° F
	583	10:04	10:09	5		94 RPM.
	584	10:09	10:14	5		94 RPM.
	585	10:14	10:20	6		Low.
585	586	10:20	10:28	8		94 RPM.
	587	10:28	10:37	9		94 RPM.
	588	10:37	10:45	8		94 RPM.
	589	10:45	10:54	9		94 RPM.
	590	10:54	11:01	7		94 RPM. Sample @ 11:06.
590	591	11:01	11:08	7		94 RPM. @ 11:00 AM - 64° F
	592	11:08	11:17	9		94 RPM.
	593	11:17	11:26	9		94 RPM.
	594	11:26	11:32	6		94 RPM.
	595	11:32	11:39	7		94 RPM.
595	596	11:39	11:48	9		94 RPM.
	597	11:48	11:55	7		94 RPM.
	598	11:55	12:02	7		94 RPM. Work to rotary spline coupling. Connection.
	599	12:30	12:37	7		94 RPM. @ 12:00 - 62°
	600	12:37	12:44	7		94 RPM. Sample @ 12:50. Samples lagged 6 min.
600	601	12:44	12:52	8		94 RPM.

FORM 539-10M 8-53

Time Drilling ~~and/or Coring~~ Record

DEPTH		TIME O'CLOCK		Time Elapsed Minutes	Rate Ft./Hr.	REMARKS	
From	To	From	To			Table Gear	Mud Temp.
601	602	12:52	12:59	7		94 RPM.	
	603	12:59	1:07	8		94 RPM.	@ 1:00 - 68°
	604	1:07	1:16	9		94 RPM.	
	605	1:16	1:24	8		94 RPM.	
605	606	1:24	1:32	8		94 RPM.	

FORM 539 10M 5-53

Time Drilling ~~and/or Coring~~ Record

DEPTH		TIME O'CLOCK		Time Elapsed Minutes	Rate Ft./Hr.	REMARKS
From	To	From	To			
606	607	1:32	1:41	9		
607	608	1:41	1:51	10		
608	609	1:51	2:00	9		2:00 67°
609	610	2:00	2:09	9		Sample 2:15
610	611	2:09	2:19	10		
611	612	2:19	2:28	9		
612	613	2:28	2:37	9		
613	614	2:37	2:46	9		
614	615	2:46	2:56	10		
615	616	2:56	3:06	10		
616	617	3:06	3:16	10		
617	618	3:16	3:28	12		
618	619	3:28	3:39	11		0 trip repair spline shaft
619	620	3:39	3:45	6		Sample @ 3:47
620	621	2:51	3:03	12	low gear	Coupling on rotary drive
621	622	3:03	3:12	9	94 RPM	Mud temp @ 3 A.M. Nov 25/55 49°F
622	623	3:12	3:22	10	"	4,000# on bit
623	624	3:22	3:34	12	"	
624	625	3:34	3:44	10	"	
625	626	3:44	3:54	10	"	Temp @ 4:00 A.M. 50°F
626	627	3:54	4:03	9	"	
627	628	4:03	4:12	9	"	Connection 11 minutes
628	629	4:23	4:29	6	"	5,000# on bit
629	630	4:29	4:34	5	94 RPM	Sample @ 4:40
630	631	4:34	4:40	6	"	
631	632	4:40	4:44	4	"	

FORM 839 10M 5-53

Time Drilling ~~and/or Coring~~ Record

DEPTH		TIME O'CLOCK		Time Elapsed Minutes	Rate Ft./Hr.	REMARKS
From	To	From	To			
632	633	4:44	4:49	5	94 RPM	
633	634	4:49	4:55	6	"	
634	635	4:55	5:01	6	"	Mud temp @ 5 A.M. 53°F
635	636	5:01	5:07	6	"	
636	637	5:07	5:14	7	"	
637	638	5:14	5:20	6	"	
638	639	5:20	5:26	6	"	
639	640	5:26	5:32	6	"	Sample @ 5:38
640	641	5:32	5:38	6	"	
641	642	5:38	5:45	7	"	
642	643	5:45	5:51	6	"	
643	644	5:51	5:56	5	"	
644	645	5:56	6:01	5	"	Mud temp @ 6:00 A.M. 54°F
645	646	6:01	6:07	6	"	
646	647	6:07	6:12	5	"	
647	648	6:12	6:18	6	"	
648	649	6:18	6:23	5	"	
649	650	6:23	6:29	6	"	Sample @ 6:35
650	651	6:29	6:35	6	"	
651	652	6:35	6:42	7	"	
652	653	6:42	6:49	7	"	
653	654	6:49	6:55	6	"	
654	655	6:55	6:59	4	"	Temp @ 7:00 A.M. 54°F
655	656	6:59	7:04	5	"	Vis. and gels climbing
656	657	7:04	7:12	8	"	Added water
657	658	7:12	7:21	9	"	
658	659	7:21	7:28	7	"	Connection 14 min.

FORM 939 10M 5-53

Time Drilling and / or Coring Record

DEPTH		TIME O'CLOCK		Time Elapsed Minutes	Rate Ft./Hr.	REMARKS
From	To	From	To			
659	660	7:42	7:47	5	94 RPM	Sample @ 7:53
660	661	7:47	7:52	5	"	
661	662	7:52	7:56	4	"	
662	663	7:56	8:02	6	"	Mud temp @ 8:00 A.M. 54°F
663	664	8:02	8:08	6	"	
664	665	8:08	8:15	7	"	
665	666	8:15	8:22	7	"	
666	667	8:22	8:29	7	"	
667	668	8:29	8:37	8	"	
668	669	8:37	8:45	8	"	
669	670	8:45	8:53	8	"	Sample @ 8:59
670	671	8:53	9:01	8	"	Mud temp @ 9:00 54°F
671	672	9:01	9:08	7	"	
672	673	9:08	9:16	8	"	Bit Wt. 5,000#
673	674	9:16	9:24	8	"	Viscosity climbing again
674	675	9:24	9:32	8	"	Mix Quebracho
675	676	9:32	9:39	7	"	
676	677	9:39	9:46	7	"	
677	678	9:46	9:53	7	"	
678	679	9:53	10:01	8	"	Mud temp @ 10:00 A.M. 54°
679	680	10:01	10:09	8	"	Sample @ 10:15
680	681	10:09	10:16	7	"	
681	682	10:16	10:24	8	"	
682	683	10:24	10:33	9	"	
683	684	10:33	10:41	8	"	
684	685	10:41	10:48	7	"	
685	686	10:48	10:55	7	"	

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Time Drilling and / or Coring Record

DEPTH		TIME O'CLOCK		Time Elapsed Minutes	Rate Ft./Hr.	REMARKS
From	To	From	To			
686	687	10:55	11:04	9	94 RPM	Temp @ 11:00 A.M. 54°F
687	688	11:04	11:13	9	"	
688	689	11:13	11:23	10	"	
689	690	11:23	11:33	10	"	Sample @ 11:39
690	691	11:33	11:43	10	"	Connection 12 min.
691	692	11:55	12:03	8	"	12:00 54°
692	693	12:03	12:12	9	"	
693	694	12:12	12:21	9	"	
694	695	12:21	12:29	8	low	
695	696	12:29	12:39	10		
696	697	12:39	12:50	11		
697	698	12:50	12:58	8		
698	699	12:58	1:09	11		Samples 7 min. lag
699	700	1:09	1:18	9		Sample @ 1:25
700	701	1:18	1:29	11		1:00 64°
701	702	1:29	1:38	9		
702	703	1:38	1:48	10		
703	704	1:48	1:58	10		
704	705	1:58	2:09	11		2:00 58°
705	706	2:09	2:20	11		
706	707	2:20	2:28	8		
707	708	2:28	2:38	10		
708	709	2:38	2:49	11		
709	710	2:49	3:00	11		Sample @ 3:07
710	711	3:00	3:11	11		3:00 58°
711	712	3:11	3:21	10		
712	713	3:21	3:32	11		

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Time Drilling and / or Coring Record

DEPTH		TIME O'CLOCK		Time Elapsed Minutes	Rate Ft./Hr.	REMARKS
From	To	From	To			
713	714	3:32	3:44	12		
714	715	3:44	3:55	11		
715	716	3:55	4:06	11		
716	717	4:06	4:19	13		4:00 52°
717	718	4:19	4:28	9		
718	719	4:28	4:39	11		
719	720	4:39	4:49	10		Sample @ 4:56
720	721	4:49	5:00	11		Connection 20 min.
721	722	5:25	5:33	8		5:00 60°
722	723	5:33	5:43	10		
723	724	5:43	5:52	9		
724	725	5:52	6:03	11		
725	726	6:03	6:12	9		6:00 52°
726	727	6:12	6:22	10		
727	728	6:22	6:30	8		
728	729	6:30	6:40	10		
729	730	6:40	6:49	9		Sample @ 6:56
730	731	6:49	6:59	10		
731	732	6:59	7:08	9		7:00 54°
7 32	733	7:08	7:17	9		
733	734	7:17	7:26	9		
734	735	7:26	7:36	10		
735	736	7:36	7:46	10		
736	737	7:46	7:55	9		
737	738	7:55	8:03	8		
738	739	8:03	8:12	9		8:00 54°
739	740	8:12	8:22	10		Sample @ 8:29

FORM 539 10M 8-53

Time Drilling and / or Coring Record

DEPTH		TIME O'CLOCK		Time Elapsed Minutes	Rate Ft./Hr.	REMARKS
From	To	From	To			
740	741	8:22	8:32	10		
741	742	8:32	8:42	10		
742	743	8:42	8:52	10		
743	744	8:52	9:02	10		9:00 54°
744	745	9:02	9:12	10		
745	746	9:12	9:22	10		
746	747	9:22	9:32	10		
747	748	9:32	9:41	9		
748	749	9:41	9:50	9		
749	750	9:50	10:00	10		Sample @ 10:07
750	751	10:00	10:14	14		
751	752	10:40	10:52	12		Connection 25 min.
752	753	10:57	11:05	8		Work to pump 5 min.
753	754	11:05	11:12	7		11:00 54°
754	755	11:12	11:19	7		
755	756	11:19	11:25	6		
756	757	11:25	11:31	6		
757	758	11:31	11:38	7		
758	759	11:38	11:44	6		
759	760	11:44	11:53	9		Sample @ 12:00
760	761	11:53	12:01	8	low	Mud temp @ 12:00 Mid. 58°F
761	762	12:01	12:10	9	94 RPM	
762	763	12:10	12:20	10	"	
763	764	12:20	12:27	7	"	
764	765	12:27	12:35	8	"	
765	766	12:35	12:44	9	"	
766	767	12:44	12:53	9	"	

FORM 839-10M 5-53

Time Drilling and / or Coring Record

DEPTH		TIME O'CLOCK		Time Elapsed Minutes	Rate Ft./Hr.	REMARKS
From	To	From	To			
767	768	12:53	1:02	9	94 RPM	Temp @ 1:00 A.M. 57° F
768	769	1:02	1:12	10	"	
769	770	1:12	1:22	10	"	Sample @ 1:29
770	771	1:22	1:31	9	"	Mixing Quebracho
771	772	1:31	1:40	9	"	Viscosity Dropping Slowly
772	773	1:40	1:49	9	"	
773	774	1:49	1:57	8	"	
774	775	1:57	2:04	7	"	Temp @ 2:00 A.M. 58°F
775	776	2:04	2:12	8	"	
776	777	2:12	2:20	8	"	
777	778	2:20	2:27	7	"	
778	779	2:27	2:36	9	"	
779	780	2:36	2:45	9	"	Sample @ 2:52
780	781	2:45	2:54	9	"	Connection 13 min.
781	782	3:07	3:15	8	"	Temp @ 3:00 A.M. 58°F
782	783	3:15	3:24	9	"	
783	784	3:24	3:33	9	"	
784	785	3:33	3:43	10	"	
785	786	3:43	3:50	7	"	
786	787	3:50	3:59	9	"	
787	788	3:59	4:08	9	"	Mud Temp @ 4:00 A.M. 58°F
788	789	4:08	4:18	10	"	
789	790	4:18	4:28	10	"	Sample @ 4:35
790	791	4:28	4:39	11	"	
791	792	4:39	4:46	7	"	
792	793	4:46	4:56	10	"	
793	794	4:56	5:06	10	"	Temp @ 5:00 A.M. 57° F

FORM 639-10M 5-53

Time Drilling and / or Coring Record

DEPTH		TIME O'CLOCK		Time Elapsed Minutes	Rate Ft./Hr.	REMARKS
From	To	From	To			
794	795	5:06	5:16	10	94 RPM	
795	796	5:16	5:26	10	"	
796	797	5:26	5:36	10	"	
797	798	5:36	5:48	12	"	
798	799	5:48	5:58	10	"	Log samples 8 min.
799	800	5:58	6:08	10	"	Sample @ 6:16
800	801	6:08	6:19	11	"	Temp @ 6:00 A.M. 56°F
801	802	6:19	6:29	11	"	
802	803	6:29	6:39	10	"	
803	804	6:39	6:50	11	"	
804	805	6:50	7:00	10	"	Mud temp @ 7:00 A.M. 58° F
805	806	7:00	7:09	9	"	
806	807	7:09	7:21	11	"	
807	808	7:21	7:29	8	"	
808	809	7:29	7:40	11	"	Could not control viscosity
809	810	7:40	7:50	10	"	Wait Sample @ 7:58 on water
810	811	7:50	8:02	12	"	Mud temp @ 8:00 57°F
811	812	8:02	8:15	13	"	Connection Nov. 27/55
812	813	8:08	8:17	9	"	Mud temp. @ 8:00 A.M. 54°F
813	814	8:19	8:23	6	"	Outside weather clear
814	815	8:23	8:28	5	"	Temp. -53°F overnight low
815	816	8:28	8:33	5	"	
816	817	8:33	8:38	5	"	
817	818	8:38	8:43	5	"	
818	819	8:43	8:47	4	"	
819	820	8:47	8:51	4	"	Sample @ 8:59
820	821	8:51	8:55	4	"	

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Time Drilling ~~and Coring~~ Record

DEPTH		TIME O'CLOCK		Time Elapsed Minutes	Rate Ft./Hr.	REMARKS
From	To	From	To			Table Gear — Mud Temp.
821	822	8:55	9:00	5		94 RPM.
	823	9:00	9:04	4		94 RPM. @ 9 AM - 53° F
	824	9:04	9:08	4		94 RPM.
	825	9:08	9:14	6		94 RPM.
825	826	9:14	9:18	4		94 RPM.
	827	9:18	9:22	4		Low.
	828	9:22	9:27	5		94 RPM.
	829	9:27	9:32	5		94 RPM.
	830	9:32	9:40	8		94 RPM. Sample @ 9:48.
830	831	9:40	9:45	5		94 RPM. Visc. 57; Gel 68.
	832	9:45	9:51	6		94 RPM. Wt. 10.7 # Gal; W.L. 9.0; F.C. 2/32
	833	9:51	9:56	5		94 RPM. P.H. 7.4
	834	9:56	10:02	6		94 RPM.
	835	10:02	10:09	7		94 RPM.
835	836	10:09	10:14	5		94 RPM. @ 10:00 AM - 58° F
	837	10:14	10:19	5		94 RPM.
	838	10:19	10:24	5		94 RPM.
	839	10:24	10:29	5		94 RPM.
	840	10:29	10:34	5		94 RPM. Sample @ 10:42.
840	841	10:34	10:39	5		94 RPM.
	842	10:39	10:44	5		94 RPM.
	843	10:44	10:49	5		94 RPM. Connection 12 min.
	844	11:01	11:05	4		94 RPM. @ 11:00 AM - 58° F
	845	11:05	11:10	5		94 RPM.
845	846	11:10	11:15	5		94 RPM.
	847	11:15	11:21	6		94 RPM.
	848	11:21	11:26	5		94 RPM.

FORM 839-10M 5-53

Time Drilling ~~and/or Coring~~ Record

DEPTH From	DEPTH To	TIME O'CLOCK From	TIME O'CLOCK To	Time Elapsed Minutes	Rate Ft./Hr.	REMARKS Table Gear	Mud Temp.
848	849	11:26	11:30	4		Low. Samples lagged 1 min. per 100'.	
	850	11:30	11:35	5		94 RPM. Sample @ 11:43.	
850	851	11:35	11:40	5		94 RPM.	
	852	11:40	11:46	6		94 RPM.	
	853	11:46	11:50	4		94 RPM.	
	854	11:50	11:55	5		94 RPM.	
	855	11:55	12:00	5		94 RPM.	@ 12:00 - 64°
855	856	12:00	12:05	5		94 RPM.	
	857	12:05	12:11	6		94 RPM.	
	858	12:11	12:17	6		94 RPM.	
	859	12:17	12:22	5		94 RPM.	
	860	12:22	12:28	6		94 RPM. Sample @ 12:36.	
860	861	12:28	12:34	6		94 RPM.	
	862	12:34	12:39	5		94 RPM.	
	863	12:39	12:44	5		94 RPM.	
	864	12:44	12:50	6		94 RPM.	
	865	12:50	12:56	6		94 RPM.	
865	866	12:56	1:02	6		94 RPM.	
	867	1:02	1:08	6		94 RPM.	
	868	1:08	1:13	5		94 RPM.	
	869	1:13	1:19	6		94 RPM.	
	870	1:19	1:25	6		94 RPM. Sample @ 1:33.	
870	871	1:25	1:31	6		Low.	
871	872	1:31	1:37	6		Low.	
	873	1:37	1:43	6		Low.	
	874	1:43	1:49	6		Low. Connection 20 min.	
	875	2:10	2:15	5		Low.	

FORM 839-10M 5-53

Time Drilling ~~and/or Coring~~ Record

DEPTH From	DEPTH To	TIME O'CLOCK From	TIME O'CLOCK To	Time Elapsed Minutes	Rate Ft./Hr.	REMARKS Table Gear
1497	1498	2:13	2:23	10		Low.
	1499	2:23	2:40	17		Low.
	1500	2:40	2:53	13		Low. 94 RPM. Lag samples 15 min. Sample @ 3:08.
1500	1501	2:53	3:01	8		Low. Mud temp. @ 3 AM - 65° F
	1502	3:01	3:18	17		Low. Connection 12 min.
	1503	3:30	3:50	20		Low. Bit wt. 9000#.
	1504	3:50	4:11	21		Low. Mud temp. @ 4 AM - 64° F
	1505	4:11	4:27	15		Low.
1505	1506	4:27	4:47	20		Low.
	1507	4:47	4:59	12		Low.
	1508	4:59	5:04	5		Low. Mud temp. @ 5 AM - 64° F
	1509	5:04	5:07	3		Low.
	1510	5:07	5:09	2		Low. Sample @ 5:24.
1510	1511	5:09	5:24	15		Low.
	1512	5:24	5:42	18		Low. Sample @ 5:57.
	1513	5:42	5:58	16		Low. Mud temp. @ 6 AM - 63° F
	1514	5:58	6:12	14		Low. Sample @ 6:27.
	1515	6:12	6:23	11		Low. Mud: Visc. 37;
1515	1516	6:23	6:35	12		Low. Sample @ 6:50. Wt. 7.9; W.L. 6.4.
	1517	6:35	6:51	16		Low.
	1518	6:51	7:03	12		Low. Sample @ 7:18. Mud temp. 63° F
	1519	7:03	7:16	13		Low.
	1520	7:16	7:30	14		Low. Sample @ 7:45.
1520	1521	7:30	7:38	8		Low.
	1522	7:38	7:41	3		94 RPM. Sample @ 7:53
	1523	7:41	7:45	4		94 RPM.
	1524	7:45	7:49	4		94 RPM. Sample @ 8:04.

FORM 839-10M 5-53

Time Drilling and/or Coring Record

DEPTH From	DEPTH To	TIME O'CLOCK From	TIME O'CLOCK To	Time Elapsed Minutes	Rate Ft./Hr.	REMARKS Table Gear
1524	1525	7:49	7:52	3		94 RPM.
	1526	7:52	7:55	3		94 RPM. Sample @ 8:10.
	1527	7:55	7:58	3		94 RPM.
	1528	7:58	8:01	3		94 RPM. Sample @ 8:16. Mud temp. 63° F
	1529	8:01	8:03	2		94 RPM.
	1530	8:03	8:07	4		94 RPM. Sample @ 8:22.
1530	1531	8:07	8:13	6		80 RPM. Rough drlg. Bit wt. 6000#.
	1532	8:13	8:19	6		80 RPM. Sample @ 8:44. Conn 10 min.
	1533	8:29	8:33	4		80 RPM.
	1534	8:33	8:38	5		80 RPM. Sample @ 8:53.
	1535	8:38	8:42	4		80 RPM.
1535	1536	8:42	8:58	16		80 RPM. Sample @ 9:13.
	1537	8:58	9:16	18		80 RPM. Bit wt. 8000#. Smooth drilling. Sample @ 9:31. Circ. hoist to core.

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FORM 839-10M 5-53

Time ~~Drilling and/or~~ Coring Record

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DEPTH From	DEPTH To	TIME O'CLOCK From	TIME O'CLOCK To	Time Elapsed Minutes	Rate Ft./Hr.	REMARKS
		DIAMOND CORE # 6				
1537	1538	9:25	9:43	18		RPM 80. PP 200#. Wt 2000.
	39	9:43	9:50	7		RPM 80. PP 250#. Wt 4000.
	40	9:50	9:57	7		
	41	9:57	10:01	4		
	42	10:01	10:09	8		
	43	10:09	10:17	8		
	44	10:17	10:24	7		
	45	10:24	10:35	11		Wt. 3000.
	46	10:35	10:49	14		
	47	10:49	11:05	16		
	48	11:05	11:20	15		
	49	11:20	11:36	16		
	50	11:36	11:50	14		
	50½	11:50	12:02	12		Lost circulation completely.

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FORM 839-10M 5-63

Time Drilling and / or Coring Record

DEPTH		TIME O'CLOCK		Time Elapsed Minutes	Rate Ft./Hr.	REMARKS	
From	To	From	To			Table Gear	Mud Temp.
875	876	2:15	2:20	5		Low.	@ 2:00 - 62°
	877	2:20	2:25	5		Low.	
	878	2:25	2:30	5		Low.	
	879	2:30	2:36	6		Low.	
	880	2:36	2:43	7		Low. Sample @ 2:51.	
880	881	2:43	2:49	6		Low.	
	882	2:49	2:56	7		Low.	
	883	2:56	3:02	6		Low.	
	884	3:02	3:09	7		Low.	@ 3:00 - 62°
	885	3:09	3:15	6		Low.	
885	886	3:15	3:20	5		Low.	
	887	3:20	3:27	7		Low.	
	888	3:27	3:34	7		Low.	
	889	3:34	3:40	6		Low.	
	890	3:40	3:47	7		Low. Sample @ 3:55.	
890	891	3:47	3:53	6		Low.	
	892	3:53	4:00	7		Low.	
	893	4:00	4:07	7		Low. 94 RPM.	@ 4:00 - 60°
	894	4:07	4:14	7		Low.	
	895	4:14	4:21	7		Low.	
895	896	4:21	4:28	7		Low.	
	897	4:28	4:35	7		Low.	
	898	4:35	4:43	8		Low.	
	899	4:43	4:50	7		Low.	
	900	4:50	4:57	7		Low. Sample @ 5:05.	
900	901	4:57	5:04	7		Low.	@ 5:00 - 60°
	902	5:04	5:12	8		Low.	

FORM 839-10M 5-63

Time Drilling ~~and/or Coring~~ Record

DEPTH From	DEPTH To	TIME O'CLOCK From	TIME O'CLOCK To	Time Elapsed Minutes	Rate Ft./Hr.	REMARKS Table Gear	Mud Temp.
902	903	5:12	5:19	7		Low.	
	904	5:19	5:27	8		Low.	
	905	5:27	5:36	9		Low.	
905	906	5:36	5:44	8		Low. Connection 9 min.	
	907	5:53	6:00	7		Low.	
	908	6:00	6:07	7		Low.	@ 6:00 - 60°
	909	6:07	6:14	7		Low.	
	910	6:14	6:19	5		Low. Sample @ 6:28.	
910	911	6:19	6:25	6		Low.	
	912	6:25	6:32	7		Low.	
	913	6:32	6:39	7		Low.	
	914	6:39	6:45	6		Low.	
914	915	6:45	6:52	7		Low. 94 RPM.	
	916	6:52	6:58	6		Low.	
	917	6:58	7:05	7		Low.	@ 7:00 - 60°
	918	7:05	7:12	7		Low.	
	919	7:12	7:19	7		Low.	
	920	7:19	7:26	7		Low. Sample @ 7:35.	
920	921	7:26	7:34	8		Low.	
	922	7:34	7:40	6		Low.	
	923	7:40	7:48	8		Low.	
	924	7:48	7:55	7		Low.	
	925	7:55	8:02	7		Low.	@ 8:00 - 60°
925	926	8:02	8:10	8		Low. Hoist bit #5.	
	927	12:03	12:15	12		Low.	@ 12:00 - 54° F
	928	12:15	12:23	8		Low. Bit #6 balled up.	
	929	12:23	12:33	10		Bit #6 OSC1G 9" Low. Serial #4780.	

FORM S 39-10M 5-53

Time Drilling ~~and/or Coring~~ Record

DEPTH From	DEPTH To	TIME O'CLOCK From	TIME O'CLOCK To	Time Elapsed Minutes	Rate Ft./Hr.	REMARKS Table Gear	Mud Temp.
929	930	12:33	12:44	11		Low. Sample @ 12:53.	
	931	12:44	12:54	10		Low.	
	932	12:54	1:02	8		Low.	@ 11 AM - 55° F
	933	1:02	1:10	8		Low.	
	934	1:10	1:19	9		Low.	
	935	1:19	1:27	8		Low.	
935	936	1:27	1:36	9		Low.	
	937	1:36	1:46	10		Low. Connection 14 mins.	
	938	2:00	2:09	9		94 RPM.	@ 2:00 AM - 55° F
	939	2:09	2:18	9		94 RPM.	
	940	2:18	2:25	7		94 RPM. Sample @ 2:34.	
940	941	2:25	2:31	6		94 RPM.	
	942	2:31	2:38	7		94 RPM. 7-8,000# on Bit #6.	
	943	2:38	2:45	7		94 RPM.	
	944	2:45	2:52	7		94 RPM.	
	945	2:52	2:58	6		94 RPM.	
945	946	2:58	3:05	7		94 RPM.	@ 3:00 AM - 56° F
	947	3:05	3:12	7		94 RPM.	
	948	3:12	3:19	7		94 RPM.	
	949	3:19	3:25	6		94 RPM.	
	950	3:25	3:31	6		94 RPM. Sample @ 3:40.	
950	951	3:31	3:36	5		94 RPM.	
	952	3:36	3:41	5		94 RPM.	
	953	3:41	3:47	6		94 RPM.	
	954	3:47	3:53	6		94 RPM;	
	955	3:53	3:58	5		94 RPM.	
955	956	3:58	4:04	6		94 RPM.	@ 4:00 AM - 58° F

FORM 539 10M 5-53

Time Drilling ~~and/or Coring~~ Record

DEPTH From	DEPTH To	TIME O'CLOCK From	TIME O'CLOCK To	Time Elapsed Minutes	Rate Ft./Hr.	REMARKS Table Gear	Mud Temp.
956	957	4:04	4:09	5		Low.	
	958	4:09	4:14	5		Low.	
	959	4:14	4:19	5		Low.	
959	960	4:19	4:24	5		94 RPM. Sample @ 4:33.	
	961	4:24	4:29	5		94 RPM.	
	962	4:29	4:34	5		94 RPM.	
	963	4:34	4:39	5		94 RPM.	
	964	4:39	4:45	6		94 RPM.	
	965	4:45	4:50	5		94 RPM.	
965	966	4:50	4:56	6		94 RPM.	
	967	4:56	5:01	5		94 RPM. Connection 9 min.	
	968	5:10	5:15	5		94 RPM.	@ 5:00 AM - 58° F
	969	5:15	5:20	5		94 RPM.	
	970	5:20	5:26	6		94 RPM. Sample @ 5:35.	
970	971	5:26	5:32	6		94 RPM.	
	972	5:32	5:38	6		94 RPM.	
	973	5:38	5:43	5		94 RPM.	
	974	5:43	5:48	5		94 RPM.	
	975	5:48	5:52	4		94 RPM.	
975	976	5:42	5:56	4		94 RPM.	
	977	5:56	6:00	4		94 RPM.	
	978	6:00	6:04	4		94 RPM.	
	979	6:04	6:09	5		94 RPM.	@ 6:00 AM - 59° F
	980	6:09	6:14	5		94 RPM. Sample @ 6:23.	
980	981	6:14	6:19	5		Low. 94 RPM.	
	982	6:19	6:23	4		94 RPM.	
	983	6:23	6:27	4		94 RPM.	

FORM 539-10M 9-53

Time Drilling [redacted] Record

DEPTH		TIME O'CLOCK		Time Elapsed Minutes	Rate Ft./Hr.	REMARKS
From	To	From	To			Table Gear Mud Temp.
983	984	6:27	6:31	4		94 RPM.
	985	6:31	6:35	4		94 RPM.
	986	6:35	6:40	5		94 RPM.
	987	6:40	6:45	5		94 RPM.
	988	6:45	6:49	4		94 RPM.
	989	6:49	6:53	4		94 RPM.
	990	6:53	6:58	5		94 RPM. Sample @ 7:07.
990	991	6:58	7:03	5		94 RPM. @ 7:00 AM - 61° F
	992	7:03	7:08	5		94 RPM.
	993	7:08	7:13	5		94 RPM.
	994	7:13	7:18	5		94 RPM.
	995	7:18	7:22	4		94 RPM.
995	996	7:22	7:27	5		94 RPM.
	997	7:27	7:31	4		94 RPM. Connection & rig service 15 min.
	998	7:46	7:50	4		94 RPM.
	999	7:50	7:55	5		94 RPM. Samples lagged 10 mins.
	1000	7:55	8:00	5		94 RPM. Sample @ 8:10.
1000	1001	8:00	8:06	6		94 RPM. @ 8:00 AM - 59° F
	1002	8:06	8:12	6		94 RPM.
	1003	8:12	8:17	5		Low. Samples lagged 1 min. per 100'.
	1004	8:17	8:22	5		94 RPM. Mud:
	1005	8:22	8:28	6		94 RPM. PH 7.4; Visc 50; Gel 58; Wt. ~~11.0 # Gel.~~
1005	1006	8:28	8:33	5		94 RPM. W. Loss 10.2; F.C. 2/32; Pump RPM 70.
	1007	8:33	8:40	7		94 RPM. Rough drilling.
	1008	8:40	8:46	6		94 RPM. Rough drilling.
	1009	8:46	8:52	6		94 RPM. Table smoothed out.
	1010	8:52	8:57	5		94 RPM. Sample @ 9:07.

FORM 539-10M 5-53

Time Drilling ~~and/or Coring~~ Record

DEPTH From	DEPTH To	TIME O'CLOCK From	TIME O'CLOCK To	Time Elapsed Minutes	Rate Ft./Hr.	REMARKS Table Gear	REMARKS Mud Temp.
1010	1011	8:57	9:03	6		94 RPM.	@ 9:00 AM - 62° F
	1012	9:03	9:09	6		94 RPM.	
	1013	9:09	9:15	6		94 RPM.	
	1014	9:15	9:20	5		94 RPM.	
	1015	9:20	9:26	6		94 RPM.	
1015	1016	9:26	9:33	7		94 RPM.	
	1017	9:33	9:39	6		94 RPM.	
	1018	9:39	9:45	6		94 RPM.	
	1019	9:45	9:51	6		94 RPM.	
	1020	9:51	9:56	5		94 RPM. Sample @ 10:06.	
1020	1021	9:56	10:01	5		94 RPM.	@ 10:00 AM - 61° F
	1022	10:01	10:06	5		94 RPM.	
	1023	10:06	10:11	5		94 RPM.	
	1024	10:11	10:17	6		94 RPM.	
	1025	10:17	10:22	5		Low. Samples lagged 1 min. per 100'.	
1025	1026	10:22	10:28	6		94 RPM. Running 9500# on bit #6.	
	1027	10:28	10:35	7		94 RPM.	
	1028	10:35	10:40	5		94 RPM. Connection 8 min.	
	1029	10:48	10:53	5		94 RPM.	
	1030	10:53	10:58	5		94 RPM. Sample @ 11:08.	
1030	1031	10:58	11:03	5		94 RPM.	@ 11:00 AM - 66° F
	1032	11:03	11:07	4		94 RPM.	
	1033	11:07	11:12	5		94 RPM.	
	1034	11:12	11:16	4		94 RPM.	
	1035	11:16	11:20	4		94 RPM.	
1035	1036	11:20	11:24	4		94 RPM.	
	1037	11:24	11:29	5		94 RPM.	

FORM 839-10M 5-53

Time Drilling ~~and/or Coring~~ Record

DEPTH		TIME O'CLOCK		Time Elapsed Minutes	Rate Ft./Hr.	REMARKS
From	To	From	To			Table Gear / Mud Temp.
1037	1038	11:29	11:34	5		94 RPM.
	1039	11:34	11:39	5		94 RPM.
	1040	11:39	11:44	5		94 RPM. Sample @ 11:54.
1040	1041	11:44	11:49	5		94 RPM.
	1042	11:49	11:55	6		94 RPM.
	1043	11:55	12:00	5		94 RPM.
	1044	12:00	12:06	6		94 RPM.
	1045	12:06	12:11	5		94 RPM.
1045	1046	12:11	12:16	5		94 RPM.
	1047	12:16	12:21	5		94 RPM. @ 12:00 - 66°
	1048	12:21	12:27	6		94 RPM.
	1049	12:27	12:32	5		94 RPM.
	1050	12:32	12:37	5		94 RPM. Sample @ 12:47.
1050	1051	12:37	12:44	7		94 RPM.
	1052	12:44	12:49	5		94 RPM.
	1053	12:49	12:55	6		94 RPM.
	1054	12:55	1:01	6		94 RPM.
	1055	1:01	1:07	6		94 RPM.
1055	1056	1:07	1:14	7		94 RPM.
	1057	1:14	1:21	7		94 RPM.
	1058	1:21	1:52	5		94 RPM. Work to pump 26 min.
	1059	1:52	2:03	11		94 RPM. Connection 15 min.
	1060	2:18	2:25	7		94 RPM. Sample @ 2:35.
1060	1061	2:25	2:32	7		94 RPM.
	1062	2:32	2:41	9		94 RPM.
	1063	2:41	2:49	8		94 RPM.
	1064	2:49	2:57	8		94 RPM.

FORM 839-10M 5-53

Time Drilling ~~and/or Coring~~ Record

DEPTH		TIME O'CLOCK		Time Elapsed Minutes	Rate Ft./Hr.	REMARKS	
From	To	From	To			Table Gear	Mud Temp.
1064	1065	2:57	3:06	9		94 RPM.	
	1066	3:06	3:14	8		94 RPM.	
	1067	3:14	3:22	8		94 RPM.	
	1068	3:22	3:30	8		94 RPM.	
	1069	3:30	3:39	9		Low. 94 RPM.	@ 3:00 - 64°
	1070	3:39	3:47	8		Low. Sample @ 3:57	
1070	1071	3:47	3:56	9		Low.	
	1072	3:56	4:05	9		Low.	@ 4:00 - 64°
	1073	4:05	4:14	9		Low.	
	1074	4:14	4:22	8		Low.	
	1075	4:22	4:30	8		Low.	
1075	1076	4:30	4:39	9		Low.	
	1077	4:39	4:51	12		Low.	
	1078	4:51	5:00	9		Low.	@ 5:00 - 64°
	1079	5:00	5:09	9		Low.	
	1080	5:09	5:18	9		Low. Sample @ 5:28.	
1080	1081	5:18	5:26	8		Low.	
	1082	5:26	5:34	8		Low.	
	1083	5:34	5:44	10		Low.	
	1084	5:44	5:54	10		Low.	
	1085	5:54	6:06	12		Low.	@ 6:00 - 64°
1085	1086	6:06	6:15	9		Low.	
	1087	6:15	6:23	8		Low.	
	1088	6:23	6:30	7		Low.	
	1089	6:30	6:39	9		Low. Connection 15 min.	
	1090	6:55	6:59	4		Low. Sample @ 7:09.	
1090	1091	6:59	7:03	4		Low. 94 RPM.	

FORM 839-10M 5-69

Time Drilling ~~and/or Coring~~ Record

DEPTH From	DEPTH To	TIME O'CLOCK From	TIME O'CLOCK To	Time Elapsed Minutes	Rate Ft./Hr.	REMARKS Table Gear	REMARKS Mud Temp.
1091	1092	7:03	7:07	4		Low. 94 RPM.	@ 7:00 - 64°
	1093	7:07	7:12	5		Low.	
	1094	7:12	7:18	6		Low.	
	1095	7:18	7:24	6		Low.	
1095	1096	7:24	7:30	6		Low.	
	1097	7:30	7:36	6		Low.	
	1098	7:36	7:41	5		Low.	
	1099	7:41	7:45	4		Low.	
	1100	7:45	7:50	5		Low. Sample @ 8:00.	
1100	1101	7:50	7:55	5		Low.	
	1102	7:55	8:00	5		Low.	@ 8:00 - 64°
	1103	8:00	8:05	5		Low.	
	1104	8:05	8:10	5		Low.	
	1105	8:10	8:15	5		Low.	
1105	1106	8:15	8:20	5		Low.	
	1107	8:20	8:25	5		Low.	
	1108	8:25	8:30	5		Low.	
	1109	8:30	8:35	5		Low.	
	1110	8:35	8:40	5		Low. Sample @ 8:51.	
1110	1111	8:40	8:45	5		Low.	
	1112	8:45	8:50	5		Low.	
	1113	8:50	8:55	5		Low. 94 RPM.	
	1114	8:55	9:00	5		Low.	@ 9:00 - 64°
	1115	9:00	9:06	6		Low.	
	1116	9:06	9:12	6		Low.	
	1117	9:12	9:18	6		Low.	
	1118	9:18	9:22	4		Low.	

FORM 839-10M 8-53

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Time Drilling ~~and/or Coring~~ Record

DEPTH		TIME O'CLOCK		Time Elapsed Minutes	Rate Ft./Hr.	REMARKS	
From	To	From	To			Table Gear	Mud Temp.
1118	1119	9:22	9:29	7		Low.	
	1120	9:29	9:38	9		Low. Sample @ 9:49.	
	1121	9:53	10:01	8		Low. Connection 10 min.	
	1122	10:01	10:10	9		Low.	@ 10:00 - 64°
	1123	10:10	10:16	6		Low.	
	1124	10:16	10:21	5		Low.	
	1125	10:21	10:27	6		Low.	
1125	1126	10:27	10:33	6		Low.	
	1127	10:33	10:38	5		Low.	
	1128	10:38	10:44	6		Low.	
	1129	10:44	10:49	5		Low.	
	1130	10:49	10:55	6		Low. Sample @ 11:05.	
1130	1131	10:55	10:59	4		Low.	
	1132	10:59	11:05	6		Low.	@ 11:00 - 64°
	1133	11:05	11:10	5		Low.	
	1134	11:10	11:16	6		Low.	
	1135	11:16	11:21	5		Low.	
1135	1136	11:21	11:27	6		Low.	
	1137	11:27	11:33	6		Low.	
	1138	11:33	11:39	6		Low.	
	1139	11:39	11:45	6		Low.	
	1140	11:45	11:51	6		Low. Sample @ 12:02.	
1140	1141	11:51	11:56	5		Low.	
	1142	11:56	12:02	6		Low.	@ midnite - 57° F
	1143	12:02	12:07	5		94 RPM.	
	1144	12:07	12:13	6		94 RPM.	
	1145	12:13	12:18	5		94 RPM.	

FORM 839-10M 5-53

Time Drilling and/or Coring Record

DEPTH From	DEPTH To	TIME O'CLOCK From	TIME O'CLOCK To	Time Elapsed Minutes	Rate Ft./Hr.	REMARKS Table Gear	Mud Temp.
1145	1146	12:18	12:24	6		94 RPM.	
	1147	12:24	12:30	6		94 RPM.	
	1148	12:30	12:36	6		94 RPM.	
	1149	12:36	12:41	5		94 RPM. Connection 10 min.	
	1150	12:51	12:57	6		94 RPM. Sample @ 1:08.	
1150	1151	12:57	1:03	6		94 RPM.	@ 1:00 AM - 58° F
	1152	1:03	1:09	6		94 RPM.	
	1153	1:09	1:14	5		94 RPM.	
	1154	1:14	1:19	5		94 RPM.	
	1155	1:19	1:24	5		94 RPM.	
1155	1156	1:24	1:30	6		94 RPM.	
	1157	1:30	1:35	5		Low.	
	1158	1:35	1:41	6		94 RPM.	
	1159	1:41	1:47	6		94 RPM.	
	1160	1:47	1:52	5		94 RPM. Sample @ 2:03.	
1160	1161	1:52	1:57	5		94 RPM.	
	1162	1:57	2:02	5		94 RPM.	@ 2:00 AM - 58° F
	1163	2:02	2:07	5		94 RPM.	
	1164	2:07	2:14	7		94 RPM.	
	1165	2:14	2:19	5		94 RPM.	
1165	1166	2:19	2:25	6		94 RPM.	
	1167	2:25	2:31	6		94 RPM.	
	1168	2:31	2:38	7		94 RPM.	
	1169	2:38	2:45	7		94 RPM.	@ 3:00 AM - 58° F
	1170	2:45	2:52	7		94 RPM. Sample @ 3:03.	
1170	1171	2:52	3:01	9		94 RPM. Rough drilling)	Slacked off wt.
	1172	3:01	3:15	14		94 RPM. Rough drilling)	to 6000# on bit.

FORM 539 10M 5-53

Time Drilling ~~and/or Coring~~ Record

DEPTH From	DEPTH To	TIME O'CLOCK From	TIME O'CLOCK To	Time Elapsed Minutes	Rate Ft./Hr.	REMARKS Table Gear	REMARKS Mud Temp.
1172	1173	3:15	3:28	13		94 RPM. Rough drilling)	Slacked off wt.
	1174	3:28	3:35	7		Table smoothed out)	to 6000# on bit.
	1175	3:35	3:41	6		94 RPM.	
1175	1176	3:41	3:48	7		94 RPM.	
	1177	3:48	3:56	8		94 RPM. Table rough.	
	1178	3:56	4:06	10		94 RPM.	@ 4:00 AM - 58° F
	1179	4:06	4:15	9		Low. Connection 10 mins.	
	1180	4:25	4:33	8		94 RPM. Sample @ 4:44.	
1180	1181	4:33	4:40	7		94 RPM.	@ 5:00 AM - 58° F
	1182	4:40	4:45	5		94 RPM.	Samples showing Limestone streaks.
	1183	4:45	4:52	7		94 RPM.	Work to pump, replace valve cap. 31 minutes. gasket.
	1184	5:23	5:30	7		94 RPM.	Replace broken arm on rotary clutch pressure plate.
	1185	5:30	5:38	8		94 RPM.	
1185	1186	5:38	5:48	10		94 RPM. Rough drilling. 6000# on bit.	
	1187	5:48	5:56	8		94 RPM. Rough drilling.	
	1188	5:56	6:05	9		94 RPM. Rough drilling.	@ 6:00 AM - 59°F
	1189	6:05	6:14	9		94 RPM. Rough drilling.	
	1190	6:14	6:24	10		94 RPM. Sample @ 6:35.	
1190	1191	6:24	6:34	10		94 RPM. Rough drilling.	
	1192	6:34	6:44	10		94 RPM.	Work to pump 11 min. Rig service. Rough drilling.
	1193	6:55	7:03	8		94 RPM. Rough drilling.	@ 7:00 AM - 59°F
	1194	7:03	7:11	8		94 RPM. Rough drilling.	
	1195	7:11	7:20	9		94 RPM. Rough drilling.	
1195	1196	7:20	7:31	11		94 RPM. Rough drilling.	
	1197	7:31	7:43	12		94 RPM. Rough drilling.	
	1198	7:43	7:53	10		94 RPM. Rough drilling.	
	1199	7:53	8:04	11		94 RPM. Rough drilling.	@ 8:00 AM - 58°F

FORM 839 10M 5-63

Time Drilling ~~and/or Coring~~ Record

DEPTH		TIME O'CLOCK		Time Elapsed Minutes	Rate Ft./Hr.	REMARKS
From	To	From	To			Table Gear Mud Temp.
1199	1200	8:04	8:13	9		94 RPM. Rough drilling. Sampl: @ 8:25.
	1201	8:13	8:23	10		Low. Rough drilling. 6000# on bit.
	1202	8:23	8:31	8		94 RPM. Rough drilling.
	1203	8:31	8:39	8		94 RPM. Rough drilling. Limestone streaks.
	1204	8:39	8:47	8		94 RPM. Rough drilling.
	1205	8:47	8:54	7		94 RPM. Rough drilling.
1205	1206	8:54	9:01	7		94 RPM. Rough drilling. @ 9:00 AM - 58°F
	1207	9:01	9:11	10		94 RPM. Rough drilling.
	1208	9:11	9:20	9		94 RPM. Rough drilling.
	1209	9:20	9:28	8		94 RPM. Rough drilling. Connection 8 min.
	1210	9:36	9:44	8		94 RPM. Rough drilling. Sample @ 9:56.
1210	1211	9:44	9:51	7		94 RPM. Table smoothing out. 8000# on bit.
	1212	9:51	9:57	6		94 RPM.
	1213	9:57	10:02	5		94 RPM. @ 10:00 AM - 58° F
	1214	10:02	10:08	6		94 RPM. Mud:
	1215	10:08	10:14	6		94 RPM. Visc. 60; Gel 65; Wt. 11.2 #Gal.
1215	1216	10:14	10:21	7		94 RPM. W.L. 10.0; FC 2/32; PH 8.0.
	1217	10:21	10:27	6		94 RPM.
	1218	10:27	10:37	10		94 RPM.
	1219	10:37	10:45	8		94 RPM.
	1220	10:45	10:55	10		94 RPM. Sample @ 11:07.
1220	1221	10:55	11:03	8		94 RPM. @ 11:00 AM - 59°F
	1222	11:03	11:12	9		94 RPM.
	1223	11:12	11:19	7		Low.
	1224	11:19	11:27	8		94 RPM.
	1225	11:27	11:40	13		94 RPM. Rough drilling.
1225	1226	11:40	11:48	8		94 RPM. Smoothed out.

FORM 839 10M 5-69

Time Drilling and/or Coring Record

DEPTH		TIME O'CLOCK		Time Elapsed Minutes	Rate Ft./Hr.	REMARKS
From	To	From	To			Table Gear — Mud Temp.
1226	1227	11:48	11:55	7		94 RPM.
	1228	11:55	12:02	7		94 RPM. @ 12:00 - 64°
	1229	12:02	12:10	8		94 RPM.
	1230	12:10	12:18	8		94 RPM. Sample @ 12:30.
1230	1231	12:18	12:25	7		94 RPM.
	1232	12:25	12:33	8		94 RPM.
	1233	12:33	12:40	7		94 RPM.
	1234	12:40	12:47	7		94 RPM.
	1235	12:47	12:55	8		94 RPM.
1235	1236	12:55	1:03	8		94 RPM. @ 1:00 - 64°
	1237	1:03	1:10	7		94 RPM.
	1238	1:10	1:17	7		94 RPM.
	1239	1:17	1:22	5		94 RPM.
	1240	1:22	1:27	5		94 RPM. Sample @ 1:39.
1240	1241	1:27	1:33	6		94 RPM. Connection 5 min.
	1242	1:38	1:44	6		94 RPM.
	1243	1:44	1:50	6		94 RPM.
	1244	1:50	1:56	6		94 RPM.
	1245	1:56	2:02	6		94 RPM. @ 2:00 - 64°
1245	1246	2:02	2:08	6		94 RPM.
	1247	2:08	2:15	7		94 RPM.
	1248	2:15	2:22	7		94 RPM.
	1249	2:22	2:30	8		94 RPM.
	1250	2:30	2:38	8		94 RPM. Sample @ 2:50.
1250	1251	2:38	2:46	8		94 RPM.
	1252	2:46	2:53	7		94 RPM.
	1253	2:53	3:01	8		94 RPM. @ 3:00 - 64°

FORM 63-10M 5-53

Time Drilling ~~and/or Coring~~ Record

DEPTH From	DEPTH To	TIME O'CLOCK From	TIME O'CLOCK To	Time Elapsed Minutes	Rate Ft./Hr.	REMARKS Table Gear	Mud Temp.
1253	1254	3:01	3:09	8		94 RPM.	
	1255	3:09	3:17	8		94 RPM.	
	1256	3:17	3:26	9		94 RPM.	
	1257	3:26	3:33	7		94 RPM.	
	1258	3:33	3:40	7		94 RPM.	
	1259	3:40	3:47	7		94 RPM.	
	1260	3:47	3:56	9		94 RPM. Sample @ 4:16.	
1260	1261	3:56	4:03	7		94 RPM.	@ 4:00 - 64°
	1262	4:03	4:11	8		94 RPM.	
	1263	4:11	4:19	8		94 RPM.	
	1264	4:19	4:26	7		94 RPM.	
	1265	4:26	4:33	7		94 RPM.	
1265	1266	4:33	4:42	9		94 RPM.	
	1267	4:42	4:48	6		94 RPM.	
	1268	4:48	4:55	7		94 RPM.	
	1269	4:55	5:03	8		94 RPM.	@ 5:00 - 64°
	1270	5:03	5:10	7		94 RPM. Sample @ 5:12.	
1270	1271	5:27	6:18	7		94 RPM. Connection 6 min.	
	1272	6:18	6:25	7		94 RPM. Hoist bit #6.	@ 6:00 - 64°
	1273	11:18	11:25	7		94 RPM.	
	1274	11:25	11:35	10		94 RPM.	
	1275	11:35	11:45	10		94 RPM. Rough.	
1275	1276	11:45	12:00	15		Second. Very rough. 5000 on bit.	
	1277	12:00	12:11	11		Low. Very rough.	@ 12:00 - 63°F
	1278	12:11	12:23	12		Low. Very rough.	
	1279	12:23	12:32	9		Low. Very rough.	
	1280	12:32	12:43	11		Low. Very rough. Sample @ 12:55.	

FORM 839-10M 5-63

Time Drilling [redacted] Record

DEPTH From	DEPTH To	TIME O'CLOCK From	TIME O'CLOCK To	Time Elapsed Minutes	Rate Ft./Hr.	REMARKS Table Gear	REMARKS Mud Temp.
1280	1281	12:43	12:53	10		Low. Very rough.	
	1282	12:53	1:03	10		Low. Very rough.	A.M. @ 1:00 - 64°F
	1283	1:03	1:14	11		Low. Very rough.	
	1284	1:14	1:25	11		Low. Very rough.	
	1285	1:25	1:36	11		Low. Very rough.	
1285	1286	1:36	1:47	11		Low. Very rough.	
	1287	1:47	2:00	13		Low. Very rough.	@ 2:00 AM - 64°F
	1288	2:00	2:15	15		Low. Very rough.	
	1289	2:15	2:33	18		Low. Very rough.	Set up rotary clutch 2min.
	1290	2:33	2:46	13		94 RPM. Rough drilling.	Sample @ 2:58.
1290	1291	2:46	3:00	14		94 RPM. Rough drilling.	@ 3:00 AM 64° F
	1292	3:00	3:11	11		94 RPM. Rough drilling.	Limestone streaks.
	1293	3:11	3:23	12		94 RPM. Rough drilling.	
	1294	3:23	3:39	16		94 RPM. Rough drilling.	
	1295	3:39	3:58	19		75 RPM. Slowed table (drilling too rough)	
1295	1296	3:58	4:12	14		75 RPM. Slowed table.	@ 4:00 AM - 64° F
	1297	4:12	4:25	13		94 RPM. Speed up table.	
	1298	4:25	4:36	11		94 RPM. Rough drilling.	
	1299	4:36	4:50	14		94 RPM. Rough drilling.	
	1300	4:50	5:03	13		94 RPM.	Samples lagged 13 min. Sample @ 5:16. Rough drilling.
1300	1301	5:03	5:13	10		94 RPM. Rough drlg.	@ 5:00 AM - 64° F
	1302	5:13	5:22	9		94 RPM.	Rough drilling. Connection 4 min. Rig service, check pump 7 mins.
	1303	5:33	5:43	10		94 RPM. Rough drilling.	
	1304	5:43	5:54	11		94 RPM. Rough drilling.	Mud - Wt. 11.4 #; Vis 66; Gel 75.
	1305	5:54	6:04	10		94 RPM.	Rough drilling. W.L. 8.8; PH 8.0. @ 6:00 AM - 63° F
1305	1306	6:04	6:16	14		94 RPM. Rough drilling.	
	1307	6:16	6:27	11		94 RPM. Rough drilling.	

FORM 539 10M 5-63

Time Drilling [redacted] Record

DEPTH From	DEPTH To	TIME O'CLOCK From	TIME O'CLOCK To	Time Elapsed Minutes	Rate Ft./Hr.	REMARKS Table Gear	Mud Temp.
1307	1308	6:27	6:40	13		94 RPM. Rough drilling.	
	1309	6:40	6:53	13		94 RPM. Rough drilling. @ 7:00 AM 63°F	
	1310	6:53	7:07	14		94 RPM. Rough drilling. Sample @ 7:20.	
1310	1311	7:07	7:23	16		Low. Rough drilling.	
	1312	7:23	7:35	12		94 RPM. Rough drlg. Bit Wt. 7500#.	
	1313	7:35	7:48	13		94 RPM. Rough drilling.	
	1314	7:48	8:01	13		94 RPM. Rough drlg. @ 8:00 AM - 62° F	
	1315	8:01	8:30	29		94 RPM. Rough drilling.	
1315	1316	8:30	8:50	20		94 RPM. Rough drilling.	
	1317	8:50	9:11	21		94 RPM. Rough drlg. @ 9:00 AM - 62° F	
	1318	9:11	9:31	30		94 RPM. Rough drilling.	
	1319	9:31	9:55	24		94 RPM. Rough drlg. @ 10:00 AM - 62° F	
	1320	9:55	10:12	17		94 RPM. Rough drilling. Sample @ 10:25.	
1320	1321	10:12	10:29	17		94 RPM. Rough drilling.	
	1322	10:29	10:50	21		94 RPM. Rough drilling.	
	1323	10:50	11:09	19		94 RPM. Rough drlg. @ 11:00 AM - 62° F	
	1324	11:09	11:28	19		94 RPM. Rough drilling.	
pipe correction. 1324	1325	11:28	11:45	17		94 RPM. Rough drilling. Pipe correction made - 2.10' underhole.	
	1324	11:45	12:04	19		94 RPM. @ 12:00 - 62°	
	1325	12:04	12:32	28		94 RPM.	
1325	1326	12:32	12:55	23		94 RPM.	
	1327	12:55	1:25	30		94 RPM. @ 1:00 - 65°	
	1328	1:25	2:00	35		94 RPM. Sample @ 2:13.	
	1329	2:00	2:58	58		94 RPM. @ 2:00 - 64°	
	1330	2:58	4:15	77		94 RPM. Connection 10 mins. @ 3:00 - 64°	
1330	1331	4:35	4:50	15		Low. 80 RPM. 9000 on bit.	
	1332	4:50	5:14	19		Low. Rough at times.	

FORM 539-10M 5-53

Time Drilling [redacted] Record

DEPTH		TIME O'CLOCK		Time Elapsed Minutes	Rate Ft./Hr.	REMARKS	
From	To	From	To			Table Gear	Mud Temp.
1332	1333	5:14	5:26	12		Low. 80 RPM.	@ 4:00 - 64°
	1334	5:26	5:50	24		Low.	@ 5:00 - 64°
	1335	5:50	6:20	30		Low.	@ 6:00 - 68°
1335	1336	6:20	6:50	30		Low.	
	1337	6:50	7:35	45		Low.	@ 7:00 - 68°
	1338	7:35	8:26	51		Low.	@ 8:00 - 68°
	1339	8:26	9:07	40		Low.	@ 9:00 - 70°
	1340	9:07	9:38	31		Low. Sample @ 9:51.	
1340	1341	9:38	10:16	38		Low.	@ 10:00 - 70°
	1342	10:16	10:45	29		Low.	
	1343	10:45	11:17	32		Low.	@ 11:00 - 70°
	1344	11:17	11:50	33		Low.	@ 12:00 - 68°F
	1345	11:50	12:28	38		Circulate 1½ hours, pull out to run casing. Sample @ 12:41.	

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FORM 539-10M 5-63

Time [redacted] Coring Record

DEPTH		TIME O'CLOCK		Time Elapsed Minutes	Rate Ft./Hr.	REMARKS
From	To	From	To			
				CORE # 1		
1345	1346	10:05	10:38	33	Conn. 2-6000#, PP 250, STR 69	
Sample	47	11:10	11:22	12		Pump 4½" x 8"
	48	11:22	11:35	13		
Sample	49	11:35	11:49	14		
	50	11:49	12:01	12		
Sample	51	12:01	12:16	15		
	52	12:16	12:30	14		
Sample	53	12:30	12:45	15		
	54	12:45	1:00	15		
Sample	55	1:00	1:15	15		
	56	1:15	1:29	14		
Sample	57	1:29	1:44	15		
	58	1:44	1:59	15		
Sample	59	1:59	2:16	17		
	60	2:16	2:31	15		
	61	2:31	2:48	17		
	62	2:48	3:01	13		
Sample	63	3:01	3:15	14		
	64	3:15	3:30	15		
Sample	65	3:30	3:45	15		
	66	3:45	3:58	13		
Sample	67	3:58	4:09	11		
	68	4:09	4:22	13		
Sample	69	4:22	4:34	12		
1369	1370	4:34	4:47	13		Circ., cond. mud, clean suction pit & build screen in ditch on tank.

FORM S39-10M 5-53

Time [redacted] Coring Record

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DEPTH From	DEPTH To	TIME O'CLOCK From	TIME O'CLOCK To	Time Elapsed Minutes	Rate Ft./Hr.	REMARKS
				CORE # 2		
1370	1371	10:03	10:27	24	4,000	
	72	10:27	10:38	11	6,000	
	73	10:38	10:50	12		Table RPM 81; Wt. 6000
	74	10:50	10:59	9		Visc. 48; Gel —
	75	10:59	11:09	10		Wt. 7.9; W.L. 5.0 Diesel 0.8 Water
	76	11:30	11:43	13	Conn.	P.H. — F.C. —
1376	1377	11:43	11:54	11		Press. 200; Pump RPM 70.
				CORE # 3		
1377	1378	12:30	1:02	32		Table RPM 72; Wt. 6000
	79	1:02	1:14	12		Visc. 50; Gel 52
	80	1:14	1:25	11		W.L. 4.6; Wt. 7.8
1380	1381	1:25	1:40	15		
				CORE # 4		(Tally Correction)
1384	1385	2:00	2:20	20		Table RPM 70; Wt. 3000
	86	2:20	2:36	16		Visc. 40; Gel —
1386	1387	2:36	2:49	13		W.L. —; Wt. 7.7
				CORE # 5		
1387	1388	6:45	7:10	22		Table RPM 70; Wt. 3000#
	89	7:10	7:35	25		Vsc 36; Wt. 7.7 # Gal; W.L. 4.2 Oil 1.2 Water

---oo0oo---

FORM S39 10M 5-63

Time Drilling ~~and Coring~~ Record

DEPTH		TIME O'CLOCK		Time Elapsed Minutes	Rate Ft./Hr.	REMARKS
From	To	From	To			Table Gear
1389	1390	3:20	3:28	8		94 RPM. Lag samples 1 min per 100'. Sample @ 3:41.
	1391	3:28	3:35	7		75 RPM. 4000# on bit. Rough drilling - slowed rotary table.
	1392	3:35	3:42	7		75 RPM. 5000# on bit.
	1393	3:42	3:48	6		75 RPM.
	1394	3:48	3:56	8		75 RPM. Rough irregular drilling.
	1395	3:56	4:07	11		75 RPM.
1395	1396	4:07	4:18	11		75 RPM.
	1397	4:18	4:28	10		94 RPM. 6000# on bit.
	1398	4:28	4:37	9		94 RPM. 7000# on bit.
	1399	4:37	4:47	10		94 RPM.
	1400	4:47	4:59	12		94 RPM. Samples lagged 14 min. Sample @ 5:13. 8000# on bit.
1400	1401	4:59	5:09	10		94 RPM. Smooth drilling.
	1402	5:09	5:19	10		94 RPM. Adding Diesel,
	1403	5:19	5:28	9		94 RPM. to increase volume.
	1404	5:28	5:37	9		94 RPM.
	1405	5:37	5:47	10		94 RPM.
1405	1406	5:47	5:56	9		94 RPM.
	1407	5:56	6:04	8		94 RPM.
	1408	6:04	6:13	9		94 RPM.
	1409	6:13	6:22	9		94 RPM.
	1410	6:22	6:33	11		94 RPM. Sample @ 6:47.
1410	1411	6:33	6:44	11		94 RPM. Connection 10 min.
	1412	6:54	7:04	10		Low. Bit wt. 8000#.
	1413	7:04	7:15	11		94 RPM.
	1414	7:15	7:27	12		94 RPM.
	1415	7:27	7:44	17		94 RPM.
1415	1416	7:44	8:01	17		94 RPM.

FORM 839-10M 5-63

Time Drilling [redacted] Record

DEPTH		TIME O'CLOCK		Time Elapsed Minutes	Rate Ft./Hr.	REMARKS
From	To	From	To			Table Gear
1416	1417	8:01	8:14	13		94 RPM
	1418	8:14	8:24	10		94 RPM.
	1419	8:24	8:35	11		94 RPM.
	1420	8:35	8:46	11		94 RPM. Sample @ 9:00.
1420	1421	8:46	8:53	7		94 RPM. Pump RPM 70; P.S.I. 100#
	1422	8:53	9:00	7		94 RPM. Mud - Visc. 40; Wt. 7.8 # Gal.
	1423	9:00	9:06	6		94 RPM. W. Loss 5.6; cc Diesel.
	1424	9:06	9:14	8		94 RPM.
	1425	9:14	9:23	9		94 RPM.
1425	1426	9:23	9:34	11		94 RPM.
	1427	9:34	9:50	16		94 RPM.
	1428	9:50	10:06	16		94 RPM.
	1429	10:06	10:19	13		94 RPM.
	1430	10:19	10:32	13		94 RPM. Sample @ 10:46.
1430	1431	10:32	10:50	18		94 RPM.
	1432	10:50	11:03	13		94 RPM.
	1433	11:03	11:15	12		94 RPM.
	1434	11:15	11:29	14		Low. Samples lagged 14 min.
	1435	11:29	11:42	13		94 RPM. Rough drlg (last 4")
1435	1436	11:42	11:57	15		94 RPM. Rough drilling.
	1437	11:57	12:12	15		94 RPM.
	1438	12:12	12:30	18		94 RPM.
	1439	12:30	12:43	13		94 RPM.
	1440	12:43	1:00	17		94 RPM. Sample @ 1:14.
1440	1441	1:00	1:19	19		94 RPM
	1442	1:19	1:32	13		94 RPM. Connection 10 min.
	1443	1:45	2:19			Second - Cir. samples 14 mins. as was very rough.

FORM 839-10M 5-53

Time Drilling ~~and/or Coring~~ Record

DEPTH		TIME O'CLOCK		Time Elapsed Minutes	Rate Ft./Hr.	REMARKS
From	To	From	To			Table Gear
1443	1444	2:19	2:45	26		Low. Smoothed out, put back in low, low last 8".
	1445	2:45	3:00	15		Low. More wt. increased to 10,000.
	1446	3:00	3:11	11		Low.
	1447	3:11	3:26	15		Low.
	1448	3:26	3:40	14		Low.
	1449	3:40	3:53	13		Low.
	1450	3:53	4:05	12		Low. Sample @ 4:19.
1450	1451	4:05	4:15	10		Low.
	1452	4:15	4:27	12		Low.
	1453	4:27	4:41	14		Low.
	1454	4:41	4:55	14		Low.
	1455	4:55	5:05	10		Low.
1455	1456	5:05	5:15	10		Low. 94 RPM. 10,000 wt. on bit.
	1457	5:15	5:25	10		Low. Smooth drilling.
	1458	5:25	5:35	10		Low.
	1459	5:35	5:48	13		Low.
	1460	5:48	6:02	14		Low. Sample @ 6:14.
1460	1461	6:02	6:17	15		Low.
	1462	6:17	6:25	8		Low.
	1463	6:25	6:33	8		Low.
	1464	6:33	6:44	11		Low.
	1465	6:44	6:58	14		Low.
1465	1466	6:58	7:09	11		Low.
	1467	7:09	7:23	14		Low.
	1468	7:23	7:38	15		Low.
	1469	7:38	7:53	15		Low.
	1470	7:53	8:07	16		Low. Sample @ 8:22.

FORM 839-10M 5-53

Time Drilling ~~Rate of Coring~~ Record

DEPTH		TIME O'CLOCK		Time Elapsed Minutes	Rate Ft./Hr.	REMARKS
From	To	From	To			Table Gear
1470	1471	8:07	8:20	13		Low. 94 RPM. Mud temp. 60°
	1472	8:20	8:37	17		Low. Conn. 20.
	1473	9:00	9:12	12		Low. Mud temp. 60°
	1474	9:12	9:26	14		Low. Weather temp.-22.
	1475	9:26	9:39	13		Low.
1475	1476	9:39	9:46	7		Low.
	1477	9:47	9:55	8		Low.
	1478	9:55	10:00	5		Low. 94 RPM. Mud temp. 62°
	1479	10:00	10:17	17		Low.
	1480	10:17	10:31	14		Low. Sample @ 10:45.
1480	1481	10:31	10:48	17		Low.
	1482	10:48	11:00	12		Low. Mud temp. 62°
	1483	11:00	11:15	15		Low.
	1484	11:15	11:28	13		Low.
	1485	11:28	11:37	9		Low.
1485	1486	11:37	11:50	13		Low.
	1487	11:50	11:59	9		Low. Weather-22.
	1488	11:59	12:05	6		Low. Mud temp 62°
	1489	12:05	12:12	7		Low.
	1490	12:12	12:21	9		Low. Sample @ 12:35.
1490	1491	12:21	12:33	12		Low.
	1492	12:33	12:51	18		Low.
	1493	12:51	1:05	14		Low. Mud temp. 1 AM 60°
	1494	1:05	1:20	15		Low.
	1495	1:20	1:37	17		Low.
1495	1496	1:37	1:55	18		Low.
	1497	1:55	2:13	18		Low. Mud temp. 2 AM 60°

CHEMICAL & GEOLOGICAL LABORATORIES LTD. - Edmonton, Alberta
Full Diameter Core Study

Operator L.B. Oils | Field Escarpment Lake, N. W. T. | Well No. N.W.T. Escarpment Lake No. 3

Location 60°36'05" N.Lat. 116°13'19" W.Long. | Formation Slave Point Limestone | Depths 1372.4'-1389' | Date Jan.18,1956 | Lab No. 7778

Footage of Slavepoint Limestone formation cored	16.6'	No. of representative samples selected for analysis	12
FEET OF CORE:			
Received at laboratory for analysis	16.3'	Compared (to tested samples)	—
Not accounted for	0.3'	Dense sections not represented	—
Represented by samples	16.3'	Badly fractured sections not represented	—
SUMMARY OF REPRESENTED SECTIONS:		(1) represented/received 16.3/16.3	(2) represented/cored 16.3/16.6
Weighted average porosity	2.45 %	Maximum porosity	7.5 %
Weighted average radial permeability	159.78 md.	Minimum porosity	0.9 %
Weighted average vertical permeability	159.69 md.	Maximum radial permeability	1000. + md.
Weighted average maximum permeability	159.78 md.	Minimum radial permeability	0.02 md.
Porosity Feet	39.89	Maximum vertical permeability	1000. + md.
		Minimum vertical permeability	0.001md.

CORE WITH MAXIMUM PERMEABILITY:	10.0 md. or greater	between 1.0 and 9.9 md. inclusive	less than 1.0 md.
Footage	2.6'	0.7'	13.0'
Weighted average porosity	1.22 %	7.50 %	2.42 %
Weighted average radial permeability	1001. md.	1.1 md.	0.08 md.
Weighted average vertical permeability	1001. md.	0.14 md.	0.02 md.
Porosity feet	3.16	5.25	31.48

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

Operator L.B. Oils Well No. N.W.T. Escarpment Lake No.3 Lab No. 7778 Date Jan.18, 1956

Sample Number	Midpoint of Sample in Ft.	Representative of Feet	Footage Rep.	Core Wt. Gms.	Permeability md. Vertical	Permeability md. Radial	% Porosity	Density Porcs. Ft.	Density Matrix Ft.	Description
	Core Number 2		1372.4'-1380.0'		Recovered 7.3'					
1	1373.3	1372.4-1374.0	1.6	——	0.002	0.003	1.2	1.92		C .U St
2	1375.0	1374.0-1375.5	1.5	——	0.002	0.003	1.1	1.65		C SI
3	1376.4	1375.5-1377.0	1.5	——	0.002	0.004	2.3	3.45		C SI
4	1378.0	1377.0-1378.8	1.8	——	0.003	0.004	1.2	2.16		C SI
5	1379.5	1378.8-1379.7	0.9	——	0.001	0.002	0.9	0.81		C SI
Missing	——	——	0.3	——	——	——	——	——		——
	Core Number 3		1380'-1384'		Recovered 4.0'					
6	1381.2	1380.0-1382.0	2.0	——	0.009	0.01	0.9	1.8		C SI
7	1382.7	1382.0-1384.0	2.0	——	1000. ↓	1000. ↓	1.1	2.2		VF SI
	Core Number 4		1384'—1387'		Recovered 3.0'					
8	1384.4	1384.0-1384.6	0.6	——	1000. ↓	1000. ↓	1.6	0.96		VF SI
9	1386.6	1384.6-1387.0	2.4	——	0.01	0.02	4.3	10.32		C SI S
	Core Number 5		1387'-1389'		Recovered 2.0'					
10	1387.4	1387.0-1387.9	0.9	——	0.20	0.93	7.3	6.57		C SI S
11	1388.2	1387.9-1388.6	0.7	——	0.14	1.1	7.5	5.25		C SI S
12	1388.8	1388.6-1389.0	0.4	——	0.10	0.13	7.0	2.8		C SI S

CORE DESCRIPTION SYMBOLS:

C	Cracks
SI	Slightly Intergranular
St	Stylolite
VF	Open Vertical Fracture
S	Stained

NEW SUPERIOR OILS OF CANADA LIMITED

CHEMICAL & GEOLOGICAL LABORATORIES LTD.
10568-114th Street, Edmonton, Alberta 2706 Centre Street N., Calgary, Alberta
Phones 25624-42562 Phone 76149

ANALYTICAL REPORT

From L.B. Oils
Address
Other Pertinent Data N.W.T. Escarpment Lake No.3

Product
Date

Analysed by Chemical & Geological Labs. Ltd.

Date January 18, 1956 Lab. No. 7778

OIL AND WATER SATURATION

Sample Number	Depth Feet	Residual Saturation % Water	Residual Saturation % Oil	Barrels Per Acre Ft. Water	Barrels Per Acre Ft. Oil	Porosity Percent
9	1384.6-1387.0	2.79	35.12	9.3	117.	4.3
10	1387.0-1387.9	9.45	28.63	54.	162.	7.3
11	1387.9-1388.6	5.07	53.73	29.	313.	7.5
12	1388.6-1389.0	1.86	71.71	10.	389.	7.0

Note: Results shown above were obtained from core on which no steps had been taken to ensure preservation of original fluids.

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

REPORT ON CONNATE WATER BY EVAPORATION METHOD

Operator: L.B. Oils

LABORATORY REPORT NUMBER: 7778

WELL NO. N.W.T. Escarpment Lake Number 3
LOCATION: 60° 36' 05" N. Lat.
116° 13' 19" W. Long.

DATE: January 19, 1956.

Sample No.	Depth Feet	Effective Porosity %	Permeability Millidarcies	Connate Water % Pore Volume	Calculated Surface Area Kozeny Equation Sq CM ^{2}/CM^3 (10^3)
9	1384.6-1387.0	4.3	0.02	40.8	10.5
10	1387.0-1387.9	7.3	0.93	35.4	2.0
11	1387.9-1388.6	7.5	1.1	32.1	1.9
12	1388.6-1389.0	7.0	0.13	39.2	5.3

WATER ANALYSIS REPORT

Sample Description

Well name and number N.W.T. Escarpment Lake No. 3

Well location 116° 13' 20" W 60° 36' 5" N Field or area Hay River [illegible]

Operating company N.W.T. Petroleums Ltd.

Sample obtained by J. [illegible] Green Date December 14, 1955

Sample obtained from Swab run during DST 5

Interval tested 1500' - 1550' Formation Presquile Dolomite

Other information The swab lifted a long column of black, salty, sulphurous water. The sample was taken from near the end of the run.

Appearance of sample 1/4 inch of black mud in a one quart jar.

Date sample received December 16, 1955 Date of report December 22, 1955

Analysis Results

	Mg/liter	Meq/liter	Equivalents %		
$Na^+ + K^+$	20,626	899.4	39.2	Density, 60°F	1.054
Ca^{++}	3334	166.4	7.3	pH	7.2
Mg^{++}	0.0	80.3	3.5	H_2S	trace
Cl^-	38,520	1086.8	47.4	Resistivity, 77°F (Ohm-meters) (25°C)	0.106
$SO_4^=$	2587	53.9	2.3		
HCO_3^-	404	6.6	0.3	Total solids at 110°C (230°F)	69,420
$CO_3^=$	0	0	0.0	at 180°C (360°F)	
Solids (Calc)	66,520			after ignition	66,220

Palmer Hypothetical Combinations

Primary salinity, %	76.4
Secondary salinity, %	21.0
Primary alkalinity, %	0.0
Secondary alkalinity, %	0.6
Chloride salinity	94.8
Sulfate salinity	5.2

W. E. Harris
Department of Chemistry
University of Alberta
Edmonton, Alberta.

WATER ANALYSIS REPORT

Sample Description

Well name and number N.W.T. Escarpment Lake number 3

Well location 116° 13' 19" W 60° 35' 55" N Field or area Hay River, N.W.T.

Operating company I.O.P. Petroleums Ltd.

Sample obtained by A.J. Bertrand Date December 11, 1955

Sample obtained from DST 4

Interval tested 1380' - 1390' Formation Slave Point Limestone

Other information

Appearance of sample 1/4 inch of black mud in a 1 quart jar.

Date sample received December 16, 1955 Date of report December 22, 1955

Analysis Results

	Mg/liter	Meq/liter	Equivalents,%		
$Na^+ + K^+$	16,333	797.1	43.3	Density, 60°F	1.041
Ca^{++}	1119	55.8	3.0	pH	6.7
Mg^{++}	827	68.0	3.7	H_2S	much
Cl^-	31,730	894.6	48.6	Resistivity, 77°F (Ohm-meters) (25°C)	0.14
$SO_4^{=}$	1	0	0.0		
HCO_3^-	1595	26.1	1.4	Total solids at 110°C (230°F)	54,150
$CO_3^{=}$	0	0	0.0	at 180°C (360°F)	
Solids (Calc)	51,625			after ignition	51,820

Palmer Hypothetical Combinations

Primary salinity,% 86.6

Secondary salinity,% 10.6

Primary alkalinity,% 0.0

Secondary alkalinity,% 2.8

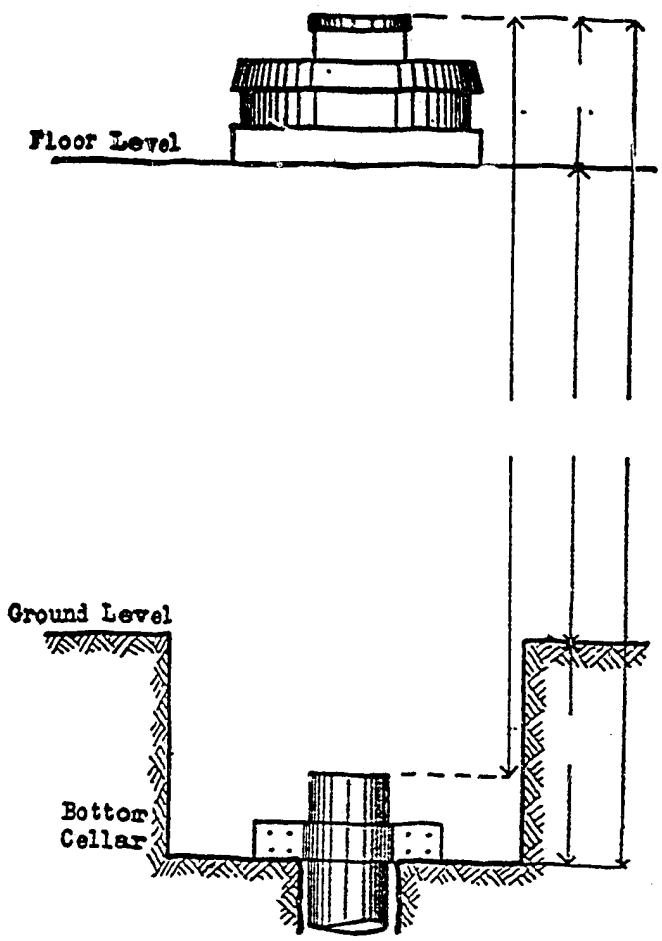
Chloride salinity 100

Sulfate salinity 0

W. E. Harris
Department of Chemistry
University of Alberta
Edmonton, Alberta.

Casing Report

NAME OF WELL N.W.T. Escarpment Lake #3 DATE December 1st, 1955



Make of Casing Stewart & Lloyds
Size 7 Weight 17# No. of Threads 8
Short or Long Threads Grade J-55 Range 2 & 3
Make and Type of Casing Shoe Baker Float Welded on? Yes
Make and Type of Collar Baker Guide Welded on? Yes
Centralizers 2 not 1 each on 1st & 3rd joints

Welding—Electric Acetylene
No. of Joints Welded 2
Welding Co. Gen. Petroleums Operator R. Steiner
Scratchers at N/A

Calcium Chloride Added nil
Aquagel Added nil
Cementing Co. General Petroleums
Cementer Bergquist Helper Wigley & Porter
Drive Bushing Elevation 887

Distance Drive Bushing to Ground Level 6.33 Ft.
Total Amount of Casing Used (including Landing Joint) 1346.28 Ft.
Distance Top of Casing Landed Below Kelly Drive Bushing 9.00 Ft.
Total Amount of Casing Left in Hole 1335.58 Ft.
Depth of Shoe Below Drive Bushing 1344.58 Ft.
Time Rigging up to Run Casing 1 Hrs. Time Casing Started in Hole 5:15 A M.
Time Running Casing 12 Hrs. Time Started Circulating 6:15 P M.
Time Stopped Circulating 7:58 P.M. Time Started Cementing 8:17 P M.
Time Cement in Pipe 8:52 P.M. Time Plug on Bottom 9:29 P M.
Plug Measured into 1308.35 ft. by Wire Line or displaced with Bbls.
Bumped on Guide Collar or Baffle Plate with 500 P.S.I.
Number of Sacks Cement Used 60 Sacks: Hours Cement Set 48 Hrs.
Method of Cementing Plug Displacement Cement Returns? No Yes or No.
Casing Landed in Clamps, Casinghead, Casing Suspender (State Make)

REMARKS:

Cement Slurry averaged 14.2 lb/U.S. Gal.

Cold weather and Range 3 pipe slowed down operations. Temp. 32° F.

Engineer/Toolpusher A.J. Bergquist

FORM 812A-3M-8-52

FORM 540-2500 4-54

MUD RECORD

Date	Depth	Mud Wt. No./U.S. Gal.	Visc.	Gel.	H_2O Loss cc.	Filter Cake 1/32"	pH	Additives
Nov. 14	17	8.5	45/38	52/42	10.0	1	7.0	
Nov. 15	30	8.5	39	41	11.0	1	6.8	
15	30	8.5	35/37	38/40	-	-	-	(Ream)
15	30	8.5	35/33	40/34	-	-	-	200# Drilgel
Nov. 16	35	8.5	36	38	18.2	1	6.8	300# Drilgel
16	35	Repairs to motor						
Nov. 17	35	"		"				
Nov. 18	35	"		"				
Nov. 19	35	8.6	53	60	-	-	-	600# Drilgel
Nov. 20	48	8.7	50/52	54/56	10.6	1	7.0	500# K-Gel
20	48	8.8	52/54	57/60	-	-	-	
20	57	8.9	55/50	62/58	12.4	2	8.0	
Nov. 21	80	8.9	52/48	59/55	9.8	1	7.0	200# K-Gel
21	80	8.9	50/54	57/61	-	-	-	
21	117	8.9	54/62	60/70	11.3	1	8.0	
Nov. 22	238	9.1	50/53	56/60	10.0	1	7.2	Water
Nov. 23	365	9.5	54/60	63/70	9.6	1	7.2	
23	365	9.5/10.0	55/78	64/90	-	-	-	
23	477	10.0/9.9	99/78	120/92	10.4	1	8.0	100# Quebracho, 5 bbls Water
Nov. 24	598	10.1/10.2	74/90	84/110	10.2	2	8.0	50# Quebracho
24	598	10.2/10.3	60/98	70/110	-	-	-	
24	620	-	-	-	8.4	1	8.0	
Nov. 25	691	10.2	110/100	128/114	9.0	2	7.6	Water, 50# Quebracho
25	691	10.3/10.8	95/175					
				110/210	-	-	-	
25	761	10.8/11.0	280/112					
				350/290	8.4	2	7.2	100# Quebracho, 100# Soda Bi-Carb.

FORM 540-2500 4-54

MUD RECORD

Date	Depth	Mud Wt. No./U.S. Gal.	Visc.	Gel.	H_2O Loss cc.	Filter Cake 1/32"	pH	Additives
Nov. 26	812	11.0/11.2	175/185					
				230/300	8.4	2	7.2	100# Quebracho
	Stopped drilling - could not control viscosity.							
Nov. 26	812	11.2	300	600	-	-	-	
26	812	11.2	221/120					
				321/200	8.1	2	8.0	100# Quebracho, 100# Bicarb.
								10 bbls Water
Nov. 27	855	10.9	160/120					
				250/209	9.0	2	7.4	Water
27	855	10.7	57	68	-	-	-	
27	926	10.9	63/78	90/110	7.7	1	7.4	Water, 50# Quebracho
Nov. 28	1043	10.8	67/48	82/55	10.0	2	7.4	
28	1043	11.0/11.3	50/70	58/100	-	-	-	
28	1142	11.4	70/78	100/108	8.2	2	8.0	Water, 50# Quebracho
Nov. 29	1227	11.3	90/55	130/67	10.0	2/32	8.0	Water
29	1227	11.2	58/65	74/97	-	-	-	
29	1276	11.3	66	96	8.2	2	8.0	Water
Nov. 30	1323	11.4	65	73	9.0	2	8.0	
30	1323	11.4-11.7	67/76	78/96	-	-	-	
30	1344	11.7	68	90	9.2	2	8.0	Water
Dec. 1	1345	11.7	69	89	9.4	2	8.0	
1	1345	Run Casing						
Dec. 2	1345	W.O.C.						
Dec. 3	1345	W.O.C.						
Dec. 4	1345	Work on mud tanks						
Dec. 5	1345	Mix mud						15 bbls Diesel, 12 bbls Water, 900# No Block

FORM S40-2500 4-54

MUD RECORD

Date	Depth	Mud Wt. No./U.S. Gal.	Visc.	Gel.	H_2O Loss cc.	Filter Cake 1/32"	pH	Additives
Dec. 5	1345	7.9	50	-	-	-	-	300# No Block, 15 bbls Diesel
	Mix Mud							18 bbls Water, 1200# No Block
Dec. 6	1345	7.9	47	50	1.1 cc Oil	nil	-	7 bbls Diesel, 7½ bbls Water,
								600# No Block
6	1345	7.9	45	48	-	-	-	
6	1350	7.9	48/50	51/52	-	-	-	
Dec. 7	1370	8.0	48	50	6.2*	-	-	8 bbls Diesel
	* W.L. (2.6 cc H20 - Bal. - Diesel)							
7	1370	8.0	50/47	53/49	-	-	-	
7	1377	7.9	48	50	5.8*			
	* W.L. (.8 cc H20 - Bal. - Diesel)							
Dec. 8	1377	8.0	44	48	8.2*			
8	1377	Testing						
Dec. 9	1377	7.8	49	51	4.6*			2 bbls Diesel
	* W.L. (.4 cc H20 - Bal. - Diesel)							
9	1381	Coring						8 bbls Diesel
Dec. 10	1381	Testing						
10	1387	7.7	40	-	4.5*			5 bbls Diesel
	* W.L. (all Diesel)							
Dec. 11	1389	Testing			5.0*			8 bbls Diesel
	* W.L. (1 cc H20 - Bal. - Diesel)							
11	1389	7.7	36	-	-	-	-	
Dec. 12	1436	7.7	37	-	5.6 (all diesel)			3 bbls Diesel
12	1436	7.8	39/45	-	-	-	-	
12	1488	7.8	48/63	65	6.2 (all Diesel)			
Dec. 13	1537	7.8	39/37	-	6.4 (all Diesel)			

FORM 540-2500 4-54

MUD RECORD

Date	Depth	Mud Wt. No./U.S. Gal.	Visc.	Gel.	H_2O Loss cc.	Filter Cake 1/32"	pH	Additives
Dec. 13	1550	7.9	42/44	-	-	-	-	
Dec. 14	1550	Core and Test						
Dec. 14	1550	Testing						
14	1550	Logging						
Dec. 15	1550	Logging						
Dec. 16	1550	Logging and Run Plugs						
Dec. 17	1550	Rig Released						

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GREGG'S FIELD NOTES ON THE
CORING, TESTING AND DRILLING OF THE
SLAVE POINT AND PRESQU'ILE FORMATIONS IN
N.W.T. - ESCARPMENT LAKE #3

Dec. 5, 1955 Left Edmonton at 7:20 A.M. for Hay River via C.P.A. Flight 41. Arrived Hay River at 11:45 A.M. Art Bergquist met me at the airport and after stopping and doing other business we drove to the rig by 5:30 P.M. Crew was mixing "No-Blok" drilling fluid, a water-in-oil emulsion. The first batch (15-45 gal. bbls. diesel fuel approximately 15 bbls. of water and 12 sax of "No-Blok") tested as follows:

Density	- 7.85 lbs./USg
Viscosity	- 50 secs. API, funnel
Filter Loss	- 1.1 cc. oil
Cake	- very thin film of unconsolidated solids

Crew finished installing B.O.P., mud tank and cleaning boiler. Weather clear, - 18° F.

Dec. 6, 1955 Crew finished mixing mud, a total of 37 (45 Imp. gal.) drums of diesel fuel, approximately the same amount of water and 3,000 lbs. of "No-Blok" were mixed. The density was 7.9 lbs./USg and the viscosity 49 seconds API, funnel. A 5-min. funnel gel was 52 seconds. A cement stoppage in the hole was found at 1291'. Starting at 7 A.M. this contaminated cement, the plug, baffle-plate, cement and the shoe were drilled out very successfully by 10 A.M. The bottom of the hole was found at 1345'. The hole was circulated until 11:30 A.M. and then the bit was pulled by approximately 1:30 P.M. The junk-sub was full and contained only shale and limestone cuttings - no metal was seen. The core barrel was picked up, steamed out and completely serviced by Art Bergquist and crew. New O-rings, diaphragm, swivel head and core retainer were installed. The core bbl. was started into the hole at 4:05 P.M. - the pipe was tallied in.

Following drilling the cement the "No-Blok" fluid contained grains of Portland cement. The mud showed no apparent change while drilling out. However, a filter-loss test (A.P.I.) was run and in 30-minutes the loss was 1.1 cc. of oil. This test was continued for 5 hours in the Zacher tester. The final loss was 4.8 cc. of oil and 2 cc. of water. The water loss seemed to increase with time. Upon inspecting the cake it was found that the cement particles had settled on to the filter paper likely increasing cake permeability. In addition there appeared to be some separation or deterioration of the emulsion. The crew was requested to clean the settling ditch of cement cuttings and to keep drilling fluid circulating within pits when tripping.

Dec. 6, 1955
cont'd

Gregg walked to Escarpment Lake 1 just before noon. The well-head valve was opened but no 'blow' or audible sound occurred.
At 1365', estimated top of porosity, the hydrostatic pressure will be 1365' x 0.433 x $\frac{7.9}{8.33}$ = 560 psig. This should just control, at static conditions, the estimated Slave Point formation pressure of 550 psig. We wish to just control the influx of formation fluids and also keep flushing of the cores to a minimum.

The core barrel was run almost to bottom by 7:30 P.M. It hung-up on cuttings at approximately 26 ft. off bottom but was rather easily circulated to bottom without rotating. Bottom was found at 1344' according to today's tally and at 1345' according to calculations which used the average of December 5 and December 6 drill-pipe tallies.

A large quantity of cement cuttings were shovelled from the settling ditch and tank while circulation, prior to coring continued.
Started to core at 10:05 P.M. The Slave Point limestone cored at the rate of 12 - 15 minutes/ft. with approximately 6,000 lbs. weight, 70 - 80 rpm. The Gardner-Denver pump (4 1/2" x 8") was running at 68 - 70 spm. and the discharge pressure was 250 psig.

Dec. 7, 1955

The "No-Blok" drilling fluid was tested at 1:30 A.M. It had a density of 8.0 lbs./USg., and API filter loss of 2.1 cc. oil and 0.5 cc. water. The cake and fluid contained fine cement and diamond-bit cuttings. Diesel fuel was started into the mud at the rate of 1, 45 gal. drum per 1/2 hour. Five drums were added. Core was cut to 1370' by 4:47 A.M. A drilling 'time-break' occurred at 1365', suggestive of porosity. No definite show of gas or oil was seen in mud.

At 6:00 A.M. the drilling fluid had a viscosity of 47 secs. Marsh funnel (A.P.I.), a density of 8.02 lbs./USg and a filter loss of 2.0 cc. of water and 3.6 cc. oil. The suction pit had to be cleaned out and the mud reconditioned in preparation for a possible test.
Reconditioned mud for 3 1/4 hours. After the suction pit was cleaned and "No-Blok" settlings were shovelled under the suction, 3 additional 45 gal. drums of diesel fuel were added to the system and suction-pit fluid was well stirred with jet. The suction was raised and cuttings were removed from system by placing a screen-filter in the settling ditch. By 1:15 P.M. the system was free of cuttings but contained cement fines. It had a filter loss of 5 cc. diesel + 0.8 cc. water, a density of 7.9 lbs./USg and a viscosity of 48 seconds API funnel. A few hours earlier the filter loss had been 3.6 cc. diesel and 2.6 cc. water.

Dec. 7, 1955 cont'd

The cement cuttings from 'drill-out' were left in the mud thru lack of a shale-shaker and improper settling of cuttings. Cuttings had been recirculated thru mud from 7 A.M. December 6 until approximately 12 midnite December 7, 1955, a total of approximately 41 hours. There was no more "No-Blok" available on lease to improve the emulsification of water in the drilling fluid so fluid loss remained high but did not seem to adversely effect the mud. Since the formation pressure-overbalance was low (20-30 psig) it was felt that formation 'blockage' would be negligible.

Core #1, 1345' - 1370', 25' recovered, was pulled between 1:15 and 3:30 P.M. The core was dense limestone with the odd spot of bleeding oil from 1 vertical crack at 1346'-47' and small vugs. No markers were apparent but slight, indefinite evidence of lime sand appeared between 1365' - 1370'. A test was not warranted.

Core #2, 1370' - 1377', 7' recovered, was cut by 12 midnite.

Dec. 8, 1955

The hole was circulated for 1 1/4 hours and the core was hoisted by 3:15 A.M. The core bled oil at various points. The porosity was very low and also the permeability. The shale lamination marker was found at 1376' ≠ (-489'), about 5' lower than in Escarpment Lake 1. It was decided that the zone should be tested. The tester was picked-up and serviced between 4:45 A.M. and 9:15 A.M. The tester was on bottom by 11:15 A.M. By 4 P.M. the tester had been set twice and the drill pipe ready to be swabbed. The tool was run without a 'shatter' disc but contained the retaining valve. The 1st swab run was almost dry but the 2nd run brought mud fluid. Five runs were made by 5:15 P.M., with only one producing mud fluid. New rubbers were installed on swab and the last of the five runs was pulled in 'high' gear. The tester sat undisturbed until about 7 P.M. when another swab run was made without recovery. Another run was made by 11:00 P.M. with similar results. It was decided to pull the tester at midnite since no gas or oil entry was apparent from the zone 1345' - 1377'.

Dec. 9, 1955

After further difficulty with hauling water for the boiler, the tester was pulled loose at 5:20 A.M. It was out of the hole by approximately 7 A.M. Seven singles (approximately 215') of drilling fluid were recovered without sign of oil or gas. Samples were taken at top and bottom of the fluid column. The bottom-hole thermometer read 91-92°F. Previous to pulling the tester the hole had not been swabbed since approximately 11 P.M. 8-12-55. No blow was noticeable at end of flare line by time tester was pulled.

GREGG'S FIELD NOTES (CONT'D)

Dec. 9, 1955
cont'd

The core barrel was run in by 11:15 A.M. and the mud was circulated and conditioned until 12:30 P.M. The level in the suction pit had dropped and in lowering the pump suction to break circulation the cement and cuttings were again picked up. Ten barrels (45 gals. each) of diesel fuel were added to the mud system and the screen technique in the settling ditch and raising the pump suction permitted cleaning the circulating fluid. Tests showed the mud density was 7.8 lbs./USg, the viscosity 50 seconds A.P.I. funnel and the filter loss was 4.2 cc. diesel fuel plus 0.4 water.
Diamond core #3, 1377' - 1381', was cut in 1 1/4 hours and the hole was circulated for 1 1/2 hours. Core #3 was hoisted by 5:45 P.M. and 4' of core were recovered. The lower 26 inches of core contained porosity estimated to be between 5 and 8%. It bled high-gravity crude oil freely over this length. The core showed yellowish-green fluorescence strongly over the same porosity interval. A vertical fracture ran thru this interval also. There was an 8" long vertical fracture at the top of the core. A Stylolyte existed at 18" from the top and one at the base. Secondary solution crystals appeared along the fracture plane in the porous interval. The core barrel was measured out of the hole: Core bbls. 30.30' + Drill Pipe 1344.83' + Kelly Down 8.13' - 1383.26'. This depth measurement will be checked again before it is accepted.

It was decided to run D.S.T. #2, 1372' - 1381'.

Tester Started in Hole	7:15 P.M.	
Packer set at	10:50 P.M.	
Swab run 1	12:00 Midnite	- much drilling fluid
Dec. 10, 1955 2	12:08 A.M.	Air only
3	12:30 A.M.	Air only
4	1:33 A.M.	Little drilling fluid 1/2 bbl.
5	1:40 A.M.	Little drilling fluid 1/2 bbl.
6	1:50 A.M.	1/2 bbl. drilling fluid
7	2:15 A.M.	3/4 bbls. drilling fluid
8	2:25 A.M.	Air only
9	2:32 A.M.	Air only
Swab run 10	2:42 A.M.	Air only
	3:30 A.M.	No air or gas blow at end of swab line

GREGG'S FIELD NOTES (CONT'D)

3:30 A.M. (cont'd) to mud tank
8:00 A.M. Tester pulled loose
9:30 A.M. Tool out of hole
Fourteen singles (425') of drilling fluid were recovered. No trace of oil and gas. Samples taken top and bottom of the column. A leak was found at the 11th joint above the tester. This leak probably permitted the drilling fluid entry following 'swab dry' at 3:30 A.M.

The maximum recording thermometer run in the tester showed 90°F. The maximum hydrostatic pressure due to the mud column was 580 psig. The valve was open 9 hours and 10 min The diamond-core barrel was run into the hole by 12 noon. A new pipe tally showed that bottom was at 1384.11' K.B. This checks the tally of 9-12-55 which was taken while pulling Core #3. The tally taken while coming out of the hole on 9-12-55 was 1384.03', following a corrected measurement on the kelly.

Core #4, 1384'-1387', was cut between 2:00 and 2:49 P.M. The weight on the bit was reduced to 3,000 lbs. from the previously used 6,000 lbs. and still the core cut @ rate of 20', 16' and 13' per foot. Other coring variables remained approximately the same.

2:30 P.M. Drilling fluid density 7.7 lbs./USg, viscosity 40 seconds and filter loss 4.5 cc. diesel fuel and negligible water.
3:50 P.M. Started out of hole with Core #4 following 1 hrs. circulation. Five 45 gal. drums of diesel fuel were added to circulating system.
5:15 P.M. Core #4 was recovered, 1384' - 1387', recovered 3 feet. 1384' - 1384'7" oil stained porosity; 1384'7" - 1385' 8 1/4", dense ls.; 1385' 8 1/4" - 1387' 1/4", porous limestone readily bleeding oil, gas and salt water. Core tested salty from 1384' 9" (stylolyte here) to 1387'.
8:00 P.M. Tester started in hole for D.S.T.#3
9:15 P.M. Packer set with base of rubber @ approximately 1378'
9:49 P.M. Swab No. 1 Dry
10:00 P.M. Swab No. 2 Dry, no "blow" following swab run
11:00 P.M. Reset packer

GREGG'S FIELD NOTES (CONT'D)

Overhauled swab
11:25 P.M. Swab # 3 Dry, no blow following swab run
12:20 A.M. Swab # 4 Dry, no blow following swab run

Dec. 11, 1955

1:45 A.M. After closing top valves on test string for approximately 1 hour a 'bubble' test was run through a 1/2" hose in a pail of diesel fuel. No bubbles were seen in the fuel so it was concluded that fluid was not entering the string. The coating on the swab line suggested that there could be some oil in the pipe.
There was some question about the test being successful. Fluid entry was extremely slow it seemed. This observation did not seem to agree with the productive ability of the zone as indicated by the last three feet of core which was last recovered. It was decided to pull the tester and recheck its functioning and then rerun it without the retaining valve if it seemed justified.

2:00 A.M. The tester was started out of the hole.

3:25 A.M. The tester was out of the hole. 65' of drilling fluid was recovered. Samples were taken at the top and bottom of the column. No gas, oil or salt water were detected. The maximum recording thermometer read 88°F. and the pressure bomb showed that the test should have been mechanically successful. The maximum hydrostatic pressure due to the mud column was 530 psig. The test pressure line fell on the base line of the recorder. Apparently the test was successful. The zone was so 'tight' that it wouldn't produce fluid.

Core #5 was cut from 1387 - 1389' and 2.15' were recovered by 9:45 A.M. The whole core was porous and bled gas and oil freely. Within 1/2 hour of placing core in the box, beads of water (saline taste) began to show on core. Initially core did not taste salty but after beads of water appeared the whole core had a saline taste. The water filtrate from a sample of drilling fluid taken during the 3/4 hour circulation period following cutting core #5, had the same salty taste. The drilling fluid had a density of approximately 7.7 lbs./USgal., a viscosity of 40 seconds API funnel and a filter loss of 4 cc. of diesel fuel and 1.0 cc. of water (salty taste). Some "No-Blek" concentrate was dissolved in water. This mixture did not taste salty. It was decided to test. While changing the packer rubber and removing the retaining valve from the tester Phil Porter noticed that the well bore was overflowing slightly. This was checked and it seemed certain that fluid was entering the base of the hole. Drilling fluid flowed from the mud line in a 1/8" - 1/4" stream. It was found that the retaining valve had been plugged with bit cuttings on D.S.T. #3. This may be the reason that no formation fluid was obtained during D.S.T.#3. But if so, there should have been a build-up beneath the plugged valve (?)

GREGG'S FIELD NOTES (CONT'D)

12:30 P.M. The tester was started in the hole for D.S.T. #4. The tool had a new 5 3/4" rubber and all interior valves were removed. The tool would behave as a production packer in the hole.

Dec. 11, 1955 2:25 P.M. Packer set
3:15-30 P.M. 2 swab runs, 1 long run of drilling fluid 1 dry run
4:10 P.M. Swab 3, 1 long run of black, salty, sulphur water. Sample taken. Bill Wigley estimated that he hit fluid about 1/2 way in.
4:45 P.M. Contact Figures (corrected depths): E.L.3, E.L.1
Shale Laminations 1379.5'(-492.5')(-484.2')
Top of salty taste on cores 1384.5'(-497.5')(-496')
Top of water bleeding 1386.5'(-499.5')
6:15 P.M. Lost swab in hole when line broke
6:30 P.M. The tester was started out of the hole

CORE DESCRIPTION BY A.J. BERGQUIST AND J.W. GREGG

Dec. 11, 1955 Core #1 1347' - 1372' 4" Recovered 25' 4 1/4"

37"; Limestone, dark to medium grey, argillaceous, dense very fossiliferous
5½"; Limestone, medium to dark grey, argillaceous, fossiliferous, minor stylolytes, dense.
17½"; Limestone, as above
6 "; Limestone, dark grey, argillaceous, slightly brecciated appearance
26½"; Limestone, medium to dark grey, argillaceous, extremely fossiliferous, dense. Very dark brown at base.
31"; Limestone, dark buff to dark grey, argillaceous, dense.
11"; Limestone as above, minor stylolytes giving brecciated appearance.
11"; Limestone, medium grey, dense, slightly fossiliferous, traces of calcite inclusions.
5"; Limestone, brecciated appearance with major stylolyte at base.
4"; Limestone, dark to medium grey, argillaceous, dense starting to have fine granular appearance at base.
16"; Limestone, grey to medium buff, numerous fine stylolytes, very fossiliferous.
15"; Limestone medium buff to grey, argillaceous, traces of calcite inclusions, major stylolyte at base.
2'½"; Limestone, buff to medium grey, fine granular, numerous minor stylolytes, traces of pin-point porosity, slightly fossiliferous, few argillaceous striations. Traces of fine vugs, calcite infilled.

GREGG'S FIELD NOTES (CONT'D)

Core #2 1372'4" - 1380' Recovered 7'8"

2'5½"; Limestone, light-buff grey, very fine grained, trace of pin point porosity, fossiliferous, minor stylolytes. At base, calcite infilled vugs containing sealed-off oil.

10¾"; Limestone, dark-grey, argillaceous, slightly oil stained, fossiliferous, calcite infilled vugs, very fine grained, traces of pin point porosity. Shows traces of oil under fluoroscope.

2'2½"; Limestone, dark-buff grey, fine grained, fossiliferous. Oil stains seen around fossils on breaking core.
Major stylolite @ 1376'.

4"; Limestone, black to dark grey, argillaceous, fossiliferous with scattered points of fair porosity. Oil staining around pores.

21½"; Limestone, dark to light grey, minor stylolytes throughout with shale lenses at 1379' 1" to 1379' 3", 1379' 3¾" and 1379' 4½". These lenses form a useful marker. Last 1½" very argillaceous and dense. The shale lenses slope approximately 3/32" in 2¾". No oil staining.

Core #3 1380' - 1384' Recovered 3' 11¼"

9"; Limestone, medium to light grey, very fine grained, fossiliferous, oil stained, vertical fractures. Dark argillaceous striations over 2/3 of interval.

1' ½"; Limestone, medium to light grey, very fine grained, dense.

Remainder - Limestone, light grey, very fine grained with traces of pin point porosity, oil stained. Very fine argillaceous striations, fossiliferous. Vertical fracture throughout.
Major stylolyts at 1381' 5¼" and at base of core.
Salty taste throughout core.

Core #4 1384' - 1387' Recovered 3' 1"

Limestone, medium grey

7"; Oil stained, medium granular, porosity, vertical fractures.

2'; Fine granular porosity with traces of pin point porosity. Slight trace of oil staining.

6"; Medium to coarse granular, slightly argillaceous, with fair porosity; bleeding oil, water and gas as in core #5
Major stylolytes at 1384' 9" and 1385' 4¾"
Salty taste on core starts at 1384' 9" and continues to base of core.

GREGG'S FIELD NOTES (CONT'D)

Core #5 1387' - 1389' Recovered 2.15'

Limestone, dark grey, porous, coarse granular, extensive but slow, bleeding of oil, gas and salt water. Whole core shows high gravity, live oil covering surface. The oil fluoresces = light green. Whole core tastes salty.

These core descriptions were written hours and days following removal of the cores from the barrel. Some oil stained intervals of minor importance may have been missed in the descriptions since the oil above 1386.5" was colorless and bled out of the core for a few hours and then evaporated., leaving the core dry. However, the main bleeding sections persisted over a long time and still were apparent at time of core description. The "No-Blok" drilling fluid permitted ease of core cutting, didn't flush the cores greatly and gave a core which carried no mud sheath. The drilling fluid could be easily wiped from the cores at time of recovery. The diesel oil in the drilling fluid had no fluorescence and so did not interfere with the identification of the formation crude (light green fluorescence).

11:45 P.M. Tester out of hole. Recovered ~~part~~ of King oil-saver and swab from bottom of the pipe. Temperature 26°F. below zero.
Recovery from the test was black, salty sulphur water. No oil or gas were seen. A sample of the water was taken. The bottom-hole temperature was 96°F. and the pressure chart showed a hydrostatic pressure of approximately 480 psig and a formation static pressure of approximately 500 psig.

12 Dec. 1955 4:00 P.M. A 6-1/8" CWS bit was run to bottom by 3:15 A.M., and drilling commenced at 1389'. The limestone from 1389' - 1394' drilled at the rate of 7'-9'/foot and then the penetration rate slowed down to 11-13 minutes/foot. It would appear that the lowermost porous zone in the Slave Point limestone extended from 1386.5' to 1394' according to core #5 and drilling time. The formation drilled more slowly than expected. From 1389'-1450' penetration rate averaged 12-15 minutes/foot. The weight on the bit was 8,000-10,000.
The ten-foot cutting samples appeared to be typical Slave Point limestone. A few specks of green shale appeared in the 1430'-1440' sample. A circulated sample was obtained from 1442' to check to see if more shale was being drilled.

GREGG'S FIELD NOTES (CONT'D)

The "No-Blek" drilling fluid was still in use even though it now contained 6-10 bbls. of salty, sulphurous water from the Slave Point porous zone. The filter loss was 5.4 cc. diesel oil with no water.
The logs on Excarpment Lake 1 were reviewed so that no porous zones would likely be missed before entering the Presquile porosity.

11:30 P.M. The Slave Point limestone drilled slowly at an average rate of 14-15 minutes per foot. Samples were lagged 1' per 100 feet of depth and were caught from the flow line at the end of a ten foot interval. A composite sample was taken between 1470'-1480' by shaking the mud ditch screen into a pail periodically while drilling the interval. In addition a lagged sample was caught at 1480'. The double sample procedure, is to continue while drilling to Presquile coring point so that the Green Shale marker will not be missed.

13 Dec. 1955 9:16 A.M. Finished drilling at 1537'. Top of the Presquile dolomite at 1535'-36'. Top of "Apple Green" shale was found by drilling time 'break' at 1520'-21' and by catching two foot samples. The first few specks of "Apple Green" shale were seen in the 1518'-1520' sample. We placed the top of the "Apple Green" shale at 1520'. This shale bed, according to samples, extends to the top of the Presquile. That is, it is 15'-16' thick. This is 3 to 4 times the thickness of the same bed which was found in Escarpment Lake 1. The top of the Presquile lies 10 feet, with respect to mean sea level, lower than in Escarpment Lake 1.
An upper shale bed 1507.5' - 1510' is easily distinguished from the "Apple Green" shale marker bed. The upper bed is a dull pale green while the lower marker bed is a brilliant, bluish-green color.
A sample was circulated from bottom. The Presquile dolomite was easily recognized. After circulating for two hours the bit was hoisted out of the hole by 1:30 P.M.

9:45 P.M. The core barrel was measured into the hole by 9:15 P.M. after 5 hours reaming. Bottom was checked at 1537'. The hole had to be reamed from 1389'-1537' since a 6-1/8" diamond bit will not follow a 6-1/8" OWS Tri-cone bit. By 9:25 P.M. the diamond bit was on bottom and started to cut core #6. The tri-cone bit came

out of the hole in good condition except for loose cones. It was on bottom for about 30 hours with about 10,000 lbs. weight carried. Coring time suggested that there was about 5' of porosity from 1539' to 1544'. Some drilling fluid might have been lost after entering this zone.

14 Dec. 1955 11:55 A.M. Rapidly lost circulation at 1550.5'. Only entered lost circulation zone about 2 inches. Drilling fluid dropped out of sight in casing. The density of the fluid was 8.0 lbs./USg.

12:30 A.M. Pulled 7 singles and tested blow-out preventer. It closed properly and held 500 psig pressure.

Approx. 2:00 A.M. Core barrel out of the hole with Core #6, 1537' - 1550.5'. Cut 13.5'. Recovered 11.5'. The core consisted of highly vugular and cavernous dolomite with anhydrite infilling. Intergranular porosity was also present. Calcite crystals were contained in many vugs. Jet black, shiny, solid material was also seen surrounding the calcite crystals in a few vugs. The core contained oil staining within the vugs and porosity which had not been completely washed by the drilling fluid. The oil appeared very similar to that seen previously in the Slave Point porosity. The oil was brownish, appeared to be of high gravity and had a light green fluorescence. This fluorescence seemed to tend toward bluish-green rather than the yellowish-green of the Slave Point crude. There was no detectable salty taste anywhere on the core, nor was there other evidence of salt water.
There were "Apple Green" shale and grey shale inclusions in the core.

Presquile Markers

Escarpment Lake Wells:

	#1	#2	#3
K.B.	896	890	887
"Apple Green" Shale	(-625')		1520'(-633')
Presquile	1535'(-639')	1510(-630')	1535'(-648')
Top of Porosity	1544'(-690')		1538'(-651')

GREGG'S FIELD NOTES (CONT'D)

4:15 A.M. Tester started into hole for D.S.T.#5.
Tailpipe including bomb, subs, perforations (31.25') and blank pipe - 47.38'.
Test interval 1550.5 1503.1' - 1550.5'
-47.4
1503.1

The packer contained no shatter disc nor retaining valve.

. .

. The salt water from the Slave Point porosity was added to the "No-Blok" drilling fluid it has had a filtrate loss of 4-6 cc. of diesel fuel, without water. The filter cake again became very thin and contained negligible cement particles. The cement fines seem to have finally been dropped likely due to keeping greater fluid volume in the suction pit and hence able to keep the pump suction farther off bottom. "No-Blok" has been a satisfactory drilling fluid. It has been very easy to work with during cold weather. The men have not complained about working with it, although after a week and one-half it has soaked into their clothes. It has passed through to their underwear at the knees. A shale-shaker on the rig would help greatly with operation and also save time in circulating to clean mud and prevent plugged valves and perforations during tests.

6:00 A.M. The packer was set with full weight (17,000 lbs.) of 3½" drill pipe.

7:30 - 8:50 A.M. Pulled 5-6 swabs, first of drilling fluid and the the last run was entirely dead, black, sulphurous, salt water. The well flowed salt water rapidly into the drill pipe without sign of oil or gas. Core #6 was examined again for salty taste. By 9:00 A.M. salinity could be detected as high as 1538'. It seems that the saline taste on both the Slave Point and Presquile cores only becomes apparent after the core has been out of the bore for some time.

Samples of drilling fluid and salt water recovered on the various tests were packed ready for transport to Edmonton by J. Gregg.

GREGG'S FIELD NOTES (CONT'D)

10:30 A.M. The packer was pulled loose and the drill pipe was started out of the hole to end D.S.T. #5.

11:00 A.M. Rudy Steiner and J. Gregg left for Hay River.

4:00 P.M. J. Gregg left Hay River via C.P.A. Flight 42 for Edmonton.

7:45 P.M. J. Gregg arrived in Edmonton.

Respectfully submitted,

J. W. Gregg

December 14, 1955

DISTRIBUTION

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General Petroleums of Canada Limited

DAY WORK RECORD

No. 1191 B

RIG No. T-55 LOCATION N.W.T. ESCARPMENT LAKE #3 AREA WILD CAT DATE DEC. 19, 1955

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. PORTER	
Derrick	
Motor-man	
Floor	
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
		1550									

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
Right	7,485	7,555	Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller	
Derrick	
Motor-man	
Floor	
Floor A. NORMAN	5
Mechanic R. STEINER	3
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. W. GILEY	
Derrick A. VOIGHT	5
Motor-man	
Floor	
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

REMARKS	Time Start	Stop	Interval
Company Time	Cont'r Time		
DRAIN HD-9 CAT & LIGHT PLANT MOTORS			
FINISHED CLEANING UP CAMP			
LOCKED UP BUILDINGS			
FINISHED TAKING INVENTORY			
LOADED NEW SUPERIOR TRUCK #30			
LEFT FOR HAY RIVER.			
Company Time	Cont'r Time		
Company Time	Cont'r Time		

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

This Copy to Conservation Board. (Mail to Calgary Office)

Form 1-1

General Petroleums of Canada Limited

DAY WORK RECORD

No. 1190 B

RIG No. F.S.S. LOCATION N.W.T. Escarpment Lake # 3 AREA W.C. DATE Dec. 18 1955

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. Porter	
Derrick H. St. Arneault	9
Motor-man A. Steiner	9
Floor J. LeFleur	9
Floor	
Mechanic	
Extra	

Injuries: Nil

Fires Nil

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

W.L. F.C. pH

At	SURVEYS	Degrees

General:

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller	
Derrick	
Motor-man	
Floor	
Floor A. Norman	12
Mechanic A. Steiner	10
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

W.L. F.C. pH

At	SURVEYS	Degrees

General:

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. Wigley	
Derrick A. Voight	12
Motor-man L. Lafferty	9
Floor L. Loutit	9
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
		1550									

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1	10 740	10 855	Gals.
No. 2	7,473	7556	WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

W.L. F.C. pH

At	SURVEYS	Degrees

General:

REMARKS	Time Start	Stop	Interval
Get Murphy motor + pump out of Boiler House + load same C.A. Sobrett Truck. Saw wood. General clean up. TAKING INVENTORY			

Company Time Cont'r Time

Company Time Cont'r Time

Company Time Cont'r Time

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

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

Total Contractor Time ..... Hrs. Toolpusher .....

Total Company Time ..... Hrs. Approved by .....

This Copy to Conservation Board. (Mail to Calgary Office)

Form 1-1

General Petroleums of Canada Limited

DAY WORK RECORD

No. 1189 B

RIG No. F-55 LOCATION N.W.T. ESCARPMENT LAKE #3 AREA WILDCAT DATE DEC. 17, 1955

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. PORTER	
Derrick H. ST. ARNEAULT	9
Motor-man A. STEINER	9
Floor J. LEFLEUR	9
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Sts.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
		1550									

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
											4½"	

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT
DRILL	10,734	10,855
INST.	7,447	7,556
MIS. D.	6624	556
No. 4		
No. 5		

FUEL Gals. — WATER Bbls. — WOOD 2 CORD Tons

W.L. F.C. pH

At	SURVEYS	Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
19	6	—	—	NEW	74'	—

General:

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller	
Derrick	
Motor-man	
Floor	
Floor A. NORMAN	12
Mechanic R. STEINER	9
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Sts.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT
No. 1		
No. 2		
No. 3		
No. 4		
No. 5		

FUEL Gals. — WATER Bbls. — COAL Tons

W.L. F.C. pH

At	SURVEYS	Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. Wigley	
Derrick A. Voight	12
Motor-man E. Lafferty	9
Floor L. Loutit	9
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Sts.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
		1550									

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT
No. 1	10740	10855
No. 2	7459	7556
No. 3	664	556
No. 4		
No. 5		

FUEL Gals. — WATER Bbls. — COAL Tons

W.L. F.C. pH

At	SURVEYS	Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
19	6			NEW	75'	

General:

REMARKS	Time Start	Stop	Interval
WAITING ON CEMENT PLUG #2 TO SET.	1200		
GENERAL CLEANING UP		730	7½
WENT IN TO FEEL FOR PLUG #2			
& FOUND PLUG @ 1290'	730	800	½
TRIP OUT	800	900	1
CLEANED OUT CELLAR & REMOVED	900		
HYDRIL & CASING FLANGE			
DRAINED G.D. MUD PUMP			

Company Time Cont'r Time

Pull Rat Hole skin + Laid Down. UnBolt Guy Wires To Derrick. Lower Derrick.

Company Time Cont'r Time

Company Time Cont'r Time

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

This Copy to Conservation Board. (Mail to Calgary Office)

Form 1-1

General Petroleums of Canada Limited

DAY WORK RECORD

No. 1188 B

RIG No. F-35 LOCATION N.W.T. ESCARPMENT LAKE #3 AREA WILDCAT DATE DEC. 16, 1955

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. PORTER	
Derrick H. ST. ARNAUT	12
Motor-man R. STEINER	12
Floor J. LEFLEUR	12
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	W. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
		1550									

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
											4½"	

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1	10,710	10,855	Gals.
No. 2	7,423	7,556	WATER
No. 3	640	556	20 Bbls.
No. 4			~~COAL~~ WOOD
No. 5			1½ CORD Tons

W.L. F.C. pH

At SURVEYS Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
18.5	6	—	—	NEW	75'	—

General:

REMARKS	Time Start	Time Stop	Time Interval
SCHLUMBERGER LOGGING &	1200		
WORKING ON TOOLS.			
TOTE DOWN PREFABS AROUND FLOOR			
RAISED BOILER & PUMP HOUSE OUT			
OF ICE, & BLOCKED ABOVE GROUND			
THAWED & RAISED BOILER SKIDS			
OUT OF ICE			
HELPED SCHLUMBERGER PERSONNEL			
WITH TOOLS.			
SAWED WOOD		1030	10½
TEAR OUT SCHLUMBERGER.	1030		
Company Time Cont'r Time			
EQUIPMENT & LOAD TRUCK		1100	½
TRIP IN WITH OPEN END PIPE	1100		
TO DROP CEMENT PLUGS		1200	1
PREPAIR TO MIX CEMENT	1200		
& PUMP PLUG #1 DOWN.			
PLUG #1 1550' - 1454' - 20 SAX	CEMENT		
DISP. W/ 10 BBLS WATER PLUG	DOWN 205		
HOISTED 10 SINGLES & CIR PIPE	CLEAN		
Company Time Cont'r Time			
IFELT AT 10.10 P.M. @ 1497'			
PLUG #2 1412' - 1279' - 30 SAX	CEMENT		
DISP. W/ 9 BBLS WATER			
PLUG DOWN @ 11.35 P.M.			
HOISTED 10 SINGLES & CIR PIPE	CLEAN		
		1200	
Company Time Cont'r Time			

Tour — 8 a.m. to 4 p.m.

Specify actual hr. worked	Hrs.
Driller	
Derrick	
Motor-man	
Floor A. NORMAN	12
Floor	
Mechanic R. STEINER	15
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

W.L. F.C. pH

At SURVEYS Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. Wigley	
Derrick A. Wright	12
Motor-man L. Lafferty	12
Floor L. LeFIT	12
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WY.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
		1550									

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1	[illegible]	10,855	Gals.
No. 2	7435	7556	WATER
No. 3	152	556	10 Bbls.
No. 4			COAL
No. 5			3 [illegible] Tons

W.L. F.C. pH

At SURVEYS Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
19	6	-		NEW	75'	-

General:

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

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

Total Contractor Time ..... Hrs. Toolpusher [signature]

Total Company Time ..... Hrs. Approved by [signature]

Form 1-1

This Copy to Conservation Board. (Mail to Calgary Office)

General Petroleums of Canada Limited

DAY WORK RECORD

No. 1187 B

RIG No. F-55 LOCATION N.W.T. ESCARPMENT LAKE #3 AREA WINDSOR DATE DEC. 12 1955

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. PORTER	
Derrick H. ST. ARNEAULT	12
Motor-man A. STEINER	12
Floor J. LEFLEUR	12
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires: NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
		1550			—						

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
											4½"	

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT
No. 1	10,686	10,855
No. 2	7,399	7,556
No. 3	6116	2816
No. 4		
No. 5		

FUEL: Gals.

WATER: 20 Bbls.

~~COAL~~ WOOD 1½ Cords Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
17	6	-	-	NEW	75'	—

General: SCHLUMBERGER HAVING TROUBLE WITH E-LOG & LINE.

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller	
Derrick	
Motor-man	
Floor Rowland	
Floor A. Nagowan	12
Mechanic A. STEINER	12
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT
No. 1		
No. 2		
No. 3		
No. 4		
No. 5		

FUEL: Gals.

WATER: Bbls.

COAL: Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. Wright	
Derrick H. Voight	12
Motor-man L. Lafferty	12
Floor L. Loutit	12
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
		1550									

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT
No. 1	10,878	10,855
No. 2	7411	7556
No. 3	628	556
No. 4		
No. 5		

FUEL: Gals.

WATER: 30 Bbls.

COAL: Load Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
18	6	-	—	NEW	75'	—

General: Hauled load of water with HDA pulling KDT.

REMARKS	Time Start	Time Stop	Interval
WAITING ON SCHLUMBERGER	1200	1230	½
RIG UP TO E-LOG	1230	100	½
SCHLUMBERGER E-LOGGING	100	1200	11
Company Time Cont'r Time			
Schlumberger Logging	1200	630	6½
Laid down Logging Tools	630	645	¼
Run In Open End to Cir.	645	745	1
Drop Kelly pumped 10 bbls	745		
water before Cir. still losing some water Cir. hole clean			
Too Jammers		1000	2¼
Hoist pipe	1000	1100	1
Rig Schlumberger	1100	1115	¼
Schlumberger Logging	1115	1200	3¼
Company Time Cont'r Time			

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

This Copy to Conservation Board. (Mail to Calgary Office)

Form I-1

General Petroleums of Canada Limited

RIG No. F-55 LOCATION N.W.T. ESCARPMENT LAKE #3 AREA WILDCAT DATE DEC. 14, 1955

DAY WORK RECORD

No. 1186 B

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. PORTER	
Derrick H. ST. PRNEAULT	12
Motor-man A. STEINER	12
Floor J. LEFLEUR	12
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
		1550	—	17,000	—	49	—		28.82	1.17	11.93

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	9	6 1/8"	TRUCO O	0122-2H			54	14			4 1/2	GOOD

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
DRILL	10,662	10,855	Gals.
LINE 2	7,375	7,556	WATER
CNOB	692	556	35 Bbls.
No. 4			COAL WOOD
No. 5			3 1/2 CORD Tons

W.L. F.C. pH

At SURVEYS Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
17	6	—	—	NEW	75'	—

General: O CORE #6 CUT 18' RECOVERED 11.4'
LAST RUN W/SWAB TO BTM; RECOVERED COMPLETE SWAB OF SULPHUR & SALT WATER.

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller	
Derrick	
Motor-man	
Floor J. BOULAND	COOK
Floor A. NORMAN	10
Mechanic A. STEINER	18
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

W.L. F.C. pH

At SURVEYS Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. WIGLEY	
Derrick A. Wright	12
Motor-man L. Lafay	12
Floor L. Loftis	12
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
		1550									

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1	10,274	10,755	Gals.
No. 2	7,337	7,556	WATER
No. 3	204	556	30 Bbls.
No. 4			COAL
No. 5			2 cord Tons

W.L. F.C. pH

At SURVEYS Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
17	6	—	—	NEW	75'	—

General:
K.B. & broke down — rod broke and went through cylinder wall. all OK.

REMARKS	Time Start	Stop	Interval
HOIST O CORE #6 UP INTO CASING (PREVENT GETTING STUCK IN HOLE)	1200	1230	1/2
CHECK HYDRIL OPERATION	1230	1245	1/4
HOIST O CORE #6	1245	2:15	1 1/2
HANDLE CORE, SERVICE & LAY DOWN O CORE BBL.	2:15	3:15	1
PICK UP PERFORATED JOINTS & CLEAN OUT. PICK UP & MAKE UP TESTER.	3:15	4:15	1
TRIP IN WITH TESTER	4:15	6:00	1 3/4
RIG UP TO SWAB. BABBIT ROPE & SOCKET. INSTALL NEW OIL SAVER	6:00		
Company Time / Cont'r Time			
RUBBERS, & CHECK SWAB CUPS.		7:30	1 1/2
SWABBING	7:30	9:00	1 1/2
TESTER SET	9:00	10:30	1 1/2
TRIP OUT WITH TESTER	10:30	11:45	1 1/4
BREAK & LAY DOWN TESTER	11:45	12:00	1/4
Company Time / Cont'r Time			
Wait on Logging Truck	12:00		
General Clean up Rig & Haul water.			
One Logging Truck arrived at 11:30 waiting on other Truck.			
Pumped water down to displace mud	12:00	12:30	
Company Time / Cont'r Time			

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

Form I-1

This Copy to Conservation Board. (Mail to Calgary Office)

General Petroleums of Canada Limite[illegible]

DAY WORK RECORD

No. 1185 B

RIG No. F-55 LOCATION N.W.T. ESCARPMENT LAKE #3 AREA WILDCAT DATE DEC. 13, 1965

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. PORTER	
Derrick H. ST. ARNEAULT	12
Motor-man A. STEINER	12
Floor J. LEFLEUR	12
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
1488	49	1537	9 1/4	15,200	—	50	—		—	3.83	27.25

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

Bits	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	10	6 1/4"	OWS	57444	6-9000#	60-94	148	29 3/4			4 1/2"	Coming Out

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.	7.8	7.8	7.8	7.9
Visc.	39	38	38	37
Gel.	—	—	—	—
Pump Pressure	100	100	100	100
Pump R.P.M.	70	70	70	70

W.L. 6.4 Degrees F.C. — pH —

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT
DG 66	10,635	10,855
WG 2	7,351	7,556
WG 3	565	566
No. 4		
No. 5		

FUEL	
	Gals.
WATER	
25	Bbls.
COAL	WOOD
5 Cords	Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
14.5	6	—	—	NEW	75'	—

General:

REMARKS	Time Start	Stop	Interval
DRILLING	1200	915	9 1/4
CIRCULATE BOTTOM HOLE SAMPLE	915		
& CLEAN HOLE TO ◊ CORE		1115	2
HOISTING BIT #10 TO ◊ CORE	1115	1200	3/4

Company Time Cont'r Time

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller	
Derrick	
Motor-man	
Floor J. Rowland	cook
Floor A. Norman	10
Mechanic R. Stines	11
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

Bits	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	10	6 1/4"	OWS	57444			148	29 3/4			4 1/2"	Dull

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.	7.9	7.9		
Visc.	39	40		
Gel.	—	—		
Pump Pressure	100	100		
Pump R.P.M.	70	70		

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT
No. 1		
No. 2		
No. 3		
No. 4		
No. 5		

FUEL	
	Gals.
WATER	
	Bbls.
COAL	
	Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Company Time Cont'r Time

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. Wiebe	
Derrick A. Wright	12
Motor-man L. Lafferty	12
Floor L. Lutit	12
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
1537	13	1550	2 1/2	15,400		49			28.82	1.17	11.93

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

Bits	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	9	6 1/4	Truco ◊	01122-2-H	3000	80	54	14			4 1/2	In

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.			7.9	7.9
Visc.			42	44
Gel.			—	—
Pump Pressure			200	250
Pump R.P.M.			70	70

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT
No. 1	10,650	10,855
No. 2	7,353	7,556
No. 3	580	556
No. 4		
No. 5		

FUEL	
	Gals.
WATER	
10	Bbls.
COAL	
4 1/2 cord	Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
15.5	6	—	—	NEW	75'	—

General:

REMARKS	Time Start	Stop	Interval
HOISTING BIT #10	1200	100	1
RIG SERVICE	100	115	1/4
CLEAN out JUNK SUB (No Time)	115		
Pick up CORE BARREL + check	215		1
RUN IN CORE BARREL + MEASURE	215	415	2
CORE BIT would not go down NEW 415			
Hole BRIDGING FROM 1389 TO 1537		930	5 1/4
Cut ◊ CORE #6	930	1200	2 1/2
Last Cir at 11.55 PM			

Company Time Cont'r Time

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

This Copy to Conservation Board. (Mail to Calgary Office)

Form 1-1

General Petroleums of Canada Limited

DAY WORK RECORD No. 1184 B

RIG No. F55 LOCATION N.W.T. ESCARPMENT LAKE #3 AREA WILD CAT DATE DEC. 12, 1955

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. PORTER	
Derrick H. ST. ARNAULT	12
Motor-man A. STEINER	12
Floor J. LE FLEUR	12
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
1389	47	1436	8 3/4	15,000	—	46	—		—	3.83	5.97

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	10	6 1/8"	OWS	87444	4-5,000#	75-90	47	8 3/4			4 1/2"	IN

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.	T		7.7	7.7
Visc.			37	38
Gel.	R		—	—
Pump Pressure		1	100	100
Pump R.P.M.		P	70	70

W.L. 6 Diesel F.C. — pH —

At SURVEYS Degrees

Additives: 3 BBLS. DIESEL

Motor Hours		NEXT OIL CHANGE AT
No. 1	10,614	10,653
No. 2	7,327	7,556
No. 3	544	556
No. 4		
No. 5		

FUEL: 20 Gals. WATER Bbls. WOOD 6 Cords

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
14.5	6	—	—	NEW	75'	—

General: OVERNIGHT LOW -36° WITH NORTH WIND BLOWING & SNOW.

REMARKS	Time Start	Stop	Interval
CLEAN UP, AND RIG SERVICE	1200	1230	1/2
PICKED UP JUNK SUB, BIT SUB, AND	1230		
MADE UP BIT.		1245	1/4
TRIP IN WITH BIT #10	1245	230	1 3/4
THAW KELLY, TIGHTEN SWIVAL	230		
PACKING (GREASE) + CLEAN TO BTM.		315	3/4
DRILLING	315	1200	8 3/4

Company Time Cont'r Time

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller	
Derrick	
Motor-man	
Floor [illegible]	
Floor [illegible]	10
Mechanic [illegible]	14
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.	7.8	7.8	[illegible]	[illegible]
Visc.	39	40	[illegible]	[illegible]
Gel.	—	—		
Pump Pressure	100	100	100	100
Pump R.P.M.	70	70	70	70

W.L. F.C. pH

At SURVEYS Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT
No. 1		
No. 2		
No. 3		
No. 4		
No. 5		

FUEL: Gals. WATER Bbls. COAL Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Company Time Cont'r Time

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller [illegible]	
Derrick [illegible]	12
Motor-man [illegible]	12
Floor [illegible]	12
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
1436	52	1488	11 3/4	15,500		48				3.73	15.63

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	10	6 1/8	OWS	87444	18,000	94	98	20 1/4	—	—	4 1/2	IN

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.	7.8	7.8	7.8	7.8
Visc.	48	[illegible]	45	48
Gel.	—	15		—
Pump Pressure	100	100	100	100
Pump R.P.M.	70	70	70	70

W.L. [illegible] F.C. — pH —

At SURVEYS Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT
No. 1	10,626	10,653
No. 2	[illegible]	[illegible]
No. 3	[illegible]	[illegible]
No. 4		
No. 5		

FUEL: Gals. WATER 8 Bbls. COAL 6 cords Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
14.5	[illegible]	—		[illegible]	[illegible]	

General:

REMARKS	Time Start	Stop	Interval
Drilling	1200	130	1 1/2
Rig Service + Cir Sample.	130	145	1/4
Drilling	145	1200	10 1/4

Company Time Cont'r Time

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

Form 1-1

This Copy to Conservation Board. (Mail to Calgary Office)

General Petroleums of Canada Limited

DAY WORK RECORD

No. 1183 B

RIG No. F-55 LOCATION N.W.T. ESSARPMENT LAKE #3 AREA WILDCAT DATE DEC. 11, 1955

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. PORTER	
Derrick H. ST. ARNEAULT	12
Motor-man R. STEINER	12
Floor J. LE FLEUR	12
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
1387	2	1389	3/4	15000#	–	44	–		28.82	1.17	17.83

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	9	6 1/8	TRICO D	022-2-H	3,000#	70	41	11 1/2			4 1/2"	GOOD

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives: 3 BBLS. DIESEL

Motor Hours		NEXT OIL CHANGE AT
DEdo	10,590	10,855
UNP 2	7,303	7,200
MNo. 3	520	556
No. 4		
No. 5		

FUEL	
1	Gals.
WATER	
15	Bbls.
COAL WOOD	
8 CORD	Tons

W.L. 5.0 F.C. – pH –

At	SURVEYS	Degrees
W.L. Ice. Water.		
Recut Diesel.		

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
13	6	–	–	NEW	75'	–

General: O CORE #5 CUT 2' RECOVERED 2' (AFTER LAID DOWN O BBL. NOTICED HOLE MAKING FLUID). D.S.T. #3 RECOVERED 65' DRILLING FLUID.

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller	
Derrick	
Motor-man	
Floor J. MAILLARD	8
Floor H. NOEL	12
Mechanic R. STEINER	12
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.	7.7			
Visc.	36			
Gel.	–			
Pump Pressure	200			
Pump R.P.M.	70			

Additives:

Motor Hours		NEXT OIL CHANGE AT
No. 1		
No. 2		
No. 3		
No. 4		
No. 5		

FUEL	
	Gals.
WATER	
	Bbls.
COAL	
	Tons

W.L. F.C. pH

At	SURVEYS	Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. WIGLEY	
Derrick G. WRIGHT	12
Motor-man L. LAFFERTY	12
Floor L. LAMBERT	12
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
1389	–	1389									

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives:

Motor Hours		NEXT OIL CHANGE AT
No. 1	10,602	10,855
No. 2	7,315	7,556
No. 3	532	556
No. 4		
No. 5		

FUEL	
	Gals.
WATER	
30	Bbls.
COAL	
1 Cord	Tons

W.L. F.C. pH

At	SURVEYS	Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
14	6	–	–	NEW	75	–

General: Wash Pipe 30' Below

DST #4 Recovered 1100' SALT WATER.

REMARKS	Time Start	Stop	Interval
SWABBING TESTER DRY	1200	1230	1/2
CLOSE SWABBING HEAD VALVES	1230		
TO CHECK IF FLUID ENTERING			
PACKER (NO PUFF NOTICED WHEN OPENED)		130	1
TESTER OPEN	130	200	1/2
TRIP OUT WITH TESTER	200	330	1 1/2
BREAK AND LAY DOWN TESTER	330	430	1
PICK UP O CORE BBL. MAKE UP BIT	430		1/2
AND CHECK SAFETY JOINT.		500	
TRIP IN TO CUT O CORE #5	500	615	1 1/4
CIRCULATE AND CLEAN TO BTM.	615	645	1/2
Company Time / Cont'r Time			
CUT O CORE #5	645	730	3/4
CIRCULATE HOLE SWEEP TO TEST	730	815	3/4
HOIST O CORE #5	815	945	1 1/2
HANDLE CORE, SERVICE BBL.	945		
BREAK OFF BIT. LAY DOWN O BBL.		1045	1
PICKING UP TESTER. CHECK AND	1045		
REMOVE MAIN RETAINING VALVE, AND			
INSTALL NEW 5 3/4" PACKER RUBBER		1200	1 1/4
FINISH making up Tester	1200	1230	1/2
RUN in TESTER	1230	230	2
Rig up To Swab	230	300	1/2
Company Time / Cont'r Time			
Swabbing some salt water	300	400	1
let Tester set ~~swab dry~~	400	630	2 1/2
Went in with swab To swab dry	630		
Before Hoisting Tester Bottom			
part of King Head Broke off			
went down Drillpipe + wrapped			
cutting Line To Broke 105'			
above Swab with pulling swab			
out. Removed Cin Tester salt			
Tog out Hoist Tester			
Handle swab Line that Broke off	1130		in Drillpipe
Break + Lay Down Tester	1130	1200	1/2
Company Time / Cont'r Time			

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

This Copy to Conservation Board. (Mail to Calgary Office)

Form I-1

General Petroleums of Canada Limited

DAY WORK RECORD

No. 1182 B

RIG No. F-55 LOCATION N.W.T. ESCARPMENT LAKE #3 AREA WILD CAT DATE DEC. 10, 1955

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. PORTER	
Derrick H. ST. ARNEAULT	12
Motor-man A. STEINER	12
Floor J. LEFLEUR	12
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires: NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
		1381	—	15,000	—	44	—		28.82	1.17	

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

Bits	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	9	6 1/4"	TRICO Q	0122-2-H			36	10			4 1/2	IN

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT
DIESEL	10,566	10,855
NO. 2	7,279	7,200
NO. 3	4936	556
No. 4		
No. 5		

FUEL Gals.

WATER 12 Bbls.

COAL WOOD

10 CORD Tons

W.L. F.C. pH

At SURVEYS Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
10.5	6	—	—	NEW	75'	—

General:

D.S.T. #2 RECOVERED 420' DEAD MUD ABOVE PACKER

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller	
Derrick	
Motor-man	
Floor J. ROWLAND (cont'd)	
Floor A. NORMAN	14
Mechanic R. STEINER	16
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

Bits	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT
No. 1		
No. 2		
No. 3		
No. 4		
No. 5		

FUEL Gals.

WATER Bbls.

COAL Tons

W.L. F.C. pH

At SURVEYS Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. Wight	
Derrick A. Wright	12
Motor-man L. Lafferty	12
Floor L. Lutit	12
Floor	
Mechanic	
Extra	

Injuries: Nil

Fires Nil

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
1384	3	1387	3/4	15,000		44			28.82	1.17	19.83

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

Bits	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	9	6 1/4	TRICO Q	0122-2-H	3,000	76	39	10 3/4			4 1/2	Good

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.	9.7			
Visc.	40			
Gel.	—			
Pump Pressure	200			
Pump R.P.M.	70			

Additives: Diesel 5 Bbls.

Motor Hours		NEXT OIL CHANGE AT
No. 1	10578	10,855
No. 2	7291	7,200
No. 3	608	556
No. 4		
No. 5		

FUEL Gals.

WATER 30 Bbls.

COAL 9 1/2 cords Tons

W.L. 4 F.C. — pH —

At SURVEYS Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
11.5	6	—	—	NEW	75'	—

General: CORRECTION 2.34 OVERHOLE.
NEW. 1384.08.
OLD 1381.74 CORE #4 CUT 3' RECOVERED 3'

REMARKS	Time Start	Stop	Interval
SWABBING TESTER	1200	1230	1/2
TESTER OPEN	1230	130	1
SWABBED TESTER DRY	130	245	1 1/4
TESTER OPEN	245		
HAULED WOOD WHILE TESTER SET		800	5 1/4
REMOVE SWABBING HEAD AND	800		
HOIST TESTER		945	1 3/4
BROKE AND LAID DOWN TESTER	945	1015	1/2
PICK UP Q CORE BBL. MAKE UP BIT,			
AND CHECK SAFETY JOINT	1015	1030	1/4
TRIP IN WITH Q CORE BBL. + MEASURE	1030	1200	1 1/2
Company Time Cont'r Time			
FINISH TRIP IN + THAW	1200		
KELLY WORK TO PUMP.		100	
RIG SERVICE	100	115	1/4
CIR HOLE CLEAN	115	200	3/4
CUT CORE #4	200	245	3/4
CIR HOLE CLEAN TO TEST	245	330	3/4
HOIST CORE #4	3:30	5:30	2
HANDLE CORE + SERVICE CORE	530		
BARREL LAY SAME DOWN		630	1
RIG UP PACKER CHECK SAME	630	8:00	1 1/2
RUN IN TESTER	8:00	9:15	1 1/4
RIG TO SWAB	9:15	9:45	1/2
Company Time SWABBING Cont'r Time	9:45	12:00	2

DEC 20 1955 Northern Affairs and National Resources Petroleum Conservation Engineer Northwest Territories & Yukon Territory

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

This Copy to Conservation Board. (Mail to Calgary Office)

Form I-1

General Petroleums of Canada Limited

DAY WORK RECORD

No. 1181 B

RIG No. F-55 LOCATION N.W.T. ESCARPMENT LAKE #3 AREA WILD CAT DATE DEC. 9, 1955

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. PORTER	
Derrick H. ST. PARNEAUNT	12
Motor-man R. STEINER	12
Floor J. LEFLEUR	12
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires: NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
		1377	—	13,000	—	44	—		28.82	1.17	28.58

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
9	6 1/8"	TRUCO Q	0122-2-H			32	83/4			4 1/2"	IN

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At SURVEYS Degrees

Additives: 2 BBLS. DIESEL

Motor Hours		NEXT OIL CHANGE AT
DSSdo No. 2	10,542	10,855
No. 3	7,255	7,200
No. 3	472	556
No. 4		
No. 5		

FUEL: Gals. WATER: 25 Bbls. COAL: WOOD 5' CORD Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
2.5	6	-	-	NEW	75'	-

General: D.S.T. #1 RECOVERED 245' DEAD MUD ABOVE PACKER

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller	
Derrick	
Motor-man	
Floor J. Bowland (Cook)	
Floor A. Norman	16
Mechanic B. STEINER	16
Extra	

Injuries:

Fires:

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.			7.8	7.8
Visc.			50	49
Gel.			52	51
Pump Pressure			200	200
Pump R.P.M.			70	70

W.L. 4.6 F.C. — pH —

At SURVEYS Degrees

Additives: 4 WATER, BEST DIESEL

Motor Hours		NEXT OIL CHANGE AT
No. 1		
No. 2		
No. 3		
No. 4		
No. 5		

FUEL: Gals. WATER: Bbls. COAL: Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. WIGLEY	
Derrick A. Voight	12
Motor-man L. Lafferty	12
Floor L. LOUTIT	12
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires: NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
1377	4	1381	1 1/4	15,000		44			28.82	1.17	24.58

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
9	6 1/8	TRUCO Q	0122-2-H	6,000	72	38	12			4 1/2	Good

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At SURVEYS Degrees

Additives: DIESEL & BBLS

Motor Hours		NEXT OIL CHANGE AT
No. 1	10,554	10,855
No. 2	7,267	7,200
No. 3	484	556
No. 4		
No. 5		

FUEL: Gals. WATER: 25 Bbls. COAL: Wood Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
9.5	6	-	-	NEW	75'	-

General: Cut 4' Recovered 4'

REMARKS	Time Start	Stop	Interval
TESTER OPEN	12.00		
SAWED WOOD. HAULED WATER.			
WATER TRUCK STARTER QUIT. RAN			
OUT OF WATER WHILE FIXING TRUCK.		5.15	5 1/4
TRIP OUT WITH TESTER	5.15	7.15	2
BREAK AND LAY DOWN PERFORATED	7.15		
SINGLE AND TESTER.		8.15	1
PICK UP Q CORE BBL + SERVICE BBL	8.15	9.15	1
TRIP IN WITH CORE BBL.	9.15	11.15	2
CIRCULATE TO CONDITION MUD, AND	11.15		
CLEAN TO BOTTOM.		12.00	3/4
Company Time Cont'r Time			
Company Time Cont'r Time			
CIR. HOLE CLEAN	1200	1230	1/2
Cut Q CORE #3	1230	1.45	1 1/4
CIR HOLE CLEAN TO TEST	1.45	3.15	1 1/2
HOIST Q CORE + MEASURE	3.15	5.45	2 1/2
RIG SERVICE + HANDLE CORE	5.45	6.00	1/4
SERVICE CORE BARREL + LAY	6.00		
DOWN		6.30	1/2
PICK UP TESTER + MAKE UP	6.30	7.15	3/4
RUN IN TESTER	7.15	8.00	3/4
REPAIR LINE CABLE TO CLUTCH	8.00	9.15	1 1/4
FINISH RUN IN TESTER	9.15	10.45	1 1/2
RIG UP TO SWAB	10.45	11.45	1.00
Company Time Swabbing Cont'r Time	11.45	12.00	1/4

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

This Copy to Conservation Board. (Mail to Calgary Office)

Form I-1

General Petroleums of Canada Limited

DAY WORK RECORD

No. 1180 B

RIG No. F-55 LOCATION N.W.T. ESCARPMENT LAKE #3 AREA WILDCAT DATE DEC. 6, 1955

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

DEC. 18 1955

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. PORTER	
Derrick H. ST. ARNEAULT	12
Motor-man A. STEINER	12
Floor J. LEFLEUR	12
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
1377					—	44	—		28.52	1.17	26.58

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	9	6 1/8"	TRICO 4	0122-2-4			32	6 3/4			4 1/2"	GOOD

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.	8.0			
Visc.	44			
Gel.	45			
Pump Pressure	200			
Pump R.P.M.	70			

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
DRGD	10,318	10,855	Gals.
INST	7,231	7,200	WATER
MNRD	445	556	25 Bbls.
No. 4			COAL Wood
No. 5			3 Cord Tons

W.L. 8.2 F.C. — pH —

At	SURVEYS	Degrees
W.L. 3.6cc. WATER		
REST DIESEL		

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
7.5	6	-	-	NEW	75'	-

General:

#Core #2 Cut 7' Recovered 7'

REMARKS	Time Start	Time Stop	Time Interval
Circulate To Clean Hole For Test	12:00	1:15	1 1/4
Hoist #Core #2	1:15	3:15	2
Handle Core; Hoist Diamond Bbl,	3:15		
Break Off Bit, and Lay Down Bbl		4:45	1 1/2
Pick Up Perforated Single, and	4:45		
Clean Out, Repair, and Pick Up			
Tester.		9:15	14 1/2
Trip In With Tester	9:15	11:15	2
Picked Up Greyhound, and Subbed	11:15		
Up So Swabbing Head Was At			
Rotary Table Height.		12:00	3/4

Company Time Cont'r Time

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller	
Derrick	
Motor-man	
Floor T. ROWLAND (Cook)	
Floor A. NORMAN	12
Mechanic A. STEINER	18
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

W.L. F.C. pH

At	SURVEYS	Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. WIGLEY	
Derrick B. VOIGHT	12
Motor-man L. LAFFERTY	12
Floor L. LOUTIT	12
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
		1377									

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1	10530	10,855	Gals.
No. 2	7243	7200	WATER
No. 3	460	556	10 Bbls.
No. 4			COAL
No. 5			Tons

W.L. F.C. pH

At	SURVEYS	Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
7.5	6	—	—	NEW	75'	—

General:

REMARKS	Time Start	Time Stop	Time Interval
Rig up To Swab Tester.	1200		
Swab would not go Down			
Greyhound Take same off put			
on single making Swabbing			
Head 20' up. Rig lines			
up.		330	3 1/2
Swabbing + Set packer	330		
Set		1200	8 1/2

Company Time Cont'r Time

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

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

Form 1-1

This Copy to Conservation Board. (Mail to Calgary Office)

General Petroleums of Canada Limited

DAY WORK RECORD

No. 1179 B

12 DEC 1955

RIG No. T-35 LOCATION N.W.T. ESCARPMENT LAKE #3 AREA DIAMONT DATE DEC. 7, 1955

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. PORTER	
Derrick H. ST. ARNEAULT	12
Motor-man H. STEINER	12
Floor J. LEFLEUR	12
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
1350	20	1370	4 3/4	15,000	–	43	–		28.82	1.17	5.71

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
9	6 1/8"	TRUCO ◊	0122-2-H	5,000	75	25	10 3/4			4 1/2"	IN

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.	8.0	8.0	8.0	8
Visc.	45	46	47	F
Gel.	50	50	50	R
Pump Pressure	200	200	200	N
Pump R.P.M.	70	70	70	PIT

W.L. 6.2 F.C. – pH –

At SURVEYS Degrees

W.L. – 2.6 cc WATER

REST DIESEL

Additives: 5 BBLS. DIESEL

Motor Hours		NEXT OIL CHANGE AT
DIESEL	10,494	10,855
No. 2	7,207	7,200
No. 3	424	556
No. 4		
No. 5		

FUEL Gals.

WATER 5 Bbls.

COAL WOOD 5 CORD Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
5.5	6	–	–	NEW	75'	–

General: CIRCULATING CEMENT + CUTTINGS OUT OF MUD

REMARKS	Time Start	Stop	Interval
CUTTING ◊ CORE #1	1200	4 45	4 3/4
CORE DIGGING OFF (BREAK OFF CORE)	4 45	500	1/4
CIRCULATE TO CONDITION MUD	500	600	1
CLEAN OUT SUCTION PIT, AND	600		
BUILD SCREEN BOX IN MUD			
TANK (PULLED UP INTO CSG. WHEN			
NOT CIRCULATING).		815	2 1/4
CIRCULATING TO CONDITION MUD	815	1200	3 3/4

Company Time Cont'r Time

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller	
Derrick	
Motor-man	
Floor J. Bouchard (cont)	
Floor B. Norman	12
Mechanic B. STEINER	14
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.	8.0	8.0	8.0	
Visc.	50	47	50	
Gel.	53	49	52	
Pump Pressure	200	200	200	
Pump R.P.M.	70	70	70	

W.L. F.C. pH

At SURVEYS Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT
No. 1		
No. 2		
No. 3		
No. 4		
No. 5		

FUEL Gals.

WATER Bbls.

COAL Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

REMARKS	Time Start	Stop	Interval
CIR + CONDITION MUD	1200	115	1 1/4
HOIST CORE	115	330	2 1/4
INNER BARREL would not	3:30		
come out of outer BARREL			
TAKE SAME APART (shale			
in THREADS) prevented			
HANDLE CORE SERVICE			
CORE BARREL + check ◊ BIT		615	2 3/4
RIG SERVICE	615	630	1/4
RUN INTO CORE	630	830	2
UNION ON STAND PIPE LEAKING	830		
CHANGE SAME.		930	1
CIR HOLE CLEAN	930	1000	1/2
CUT CORE	1000	1200	2

Company Time Cont'r Time

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. WIGLEY	
Derrick A. VOIGHT	12
Motor-man L. LAFFERTY	12
Floor L. LEFLEUR	12
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
1370	7	1377	2	15,000		44			28.82	1.17	28.58

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
9	6 1/8	TRUCO ◊	0122-2-H	5,000	81	32	8 3/4			4 1/2	IN

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.				7.9
Visc.				48
Gel.				50
Pump Pressure				200
Pump R.P.M.				70

W.L. 5.8 F.C. – pH –

At SURVEYS Degrees

W.L. .8 cc Water

REST DIESEL

Additives

Motor Hours		NEXT OIL CHANGE AT
No. 1	10506	10,855
No. 2	7219	7,200
No. 3	436	556
No. 4		
No. 5		

FUEL Gals.

WATER 15 Bbls.

COAL 4 cord Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
6.5	6	–	–	New	75'	–

General: CORE #1 CUT 25' RECOVERED 25'

Company Time Cont'r Time

Total Contractor Time ..... Hrs. Toolpusher

Total Company Time ..... Hrs. Approved by

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

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

This Copy to Conservation Board. (Mail to Calgary Office)

Form I-1

General Petroleums of Canada Limited

DAY WORK RECORD

No. 1178 B

RIG No. T-55 LOCATION N.W.T. ESCARPMENT LAKE #3 AREA WILDCAT DATE DEC. 6, 1955

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

12 DEC 1955

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. PORTER	
Derrick H. ST. ARNEAULT	12
Motor-man A. STEINER	12
Floor J. LE FLEUR	12
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
1345'	CLEANED TO BTM.			13,500	—	43	—		—	3.84	6.50

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	8	6 1/8"	OWS	57686	1-3,000#	75	DRILLED CEMENT & SHOE	3 HRS.			4 1/2"	IN

MUD	12 Mr.	2 a.m.	4 a.m.	6 a.m.
Wt.				7.9
Visc.				47
Gel.				50
Pump Pressure				100
Pump R.P.M.				70

W.L. Acc. Cr. F.C. NONE pH -

At SURVEYS Degrees

Additives: 7 BBLS. DIESEL; 7 1/3 BBLS. WATER; 600# No-Blow

Motor Hours		NEXT OIL CHANGE AT
DWG. 600	10,470	10,555
No. 2	7,183	7,300
No. 3	400	556
No. 4		
No. 5		

FUEL: Gals.

WATER: 30 Bbls.

COAL: WOOD 7 CORD Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
55	6	-	-	NEW	75'	-

General: PRESS. TO 750# FOR 1/2 HR. (DROPPED 50 LBS.) O.K.

14' OF CEMENT ABOVE BAFFLE COLLAR.

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller	
Derrick	
Motor-man	
Floor J. ROWLAND (Cont'd)	
Floor A. MORROW	12
Mechanic R. STEINER	14
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.	7.9	7.9		
Visc.	46	45		
Gel.	49	48		
Pump Pressure	100	100		
Pump R.P.M.	70	70		

W.L. F.C. pH

At SURVEYS Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT
No. 1		
No. 2		
No. 3		
No. 4		
No. 5		

FUEL: Gals.

WATER: Bbls.

COAL: Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. WIGLEY	
Derrick A. WRIGHT	16
Motor-man L. LAFFERTY	12
Floor L. LOVETT	12
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
1345	5	1350	2	15000		43			28.82	1.17	25.71

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	8	6 1/8	OWS	57686	DRILLED	CEMENT TO		3			4 1/2	Good
	9	6 1/2	Tricone Diamond	6122-2-H	2 TONS	75	5	2				IN

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.			7.9	7.9
Visc.			49	50
Gel.			54	52
Pump Pressure			200	200
Pump R.P.M.			70	70

W.L. F.C. pH

At SURVEYS Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT
No. 1	10492	10,555
No. 2	7,175	7,300
No. 3	1412	556
No. 4		
No. 5		

FUEL: Gals.

WATER: Bbls.

COAL: Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
55	6	-		NEW	75'	-

General:

REMARKS	Time Start	Stop	Interval
FINISHED MIXING PIT OF MUD	1200	130	1 1/2
DISPLACE OLD MUD	130	200	1/2
MIX ANOTHER PIT OF INVERTED MUD	200	515	3 1/4
DISPLACE REST OF MUD IN HOLE	515		
AND CIRCULATE		615	1
PRESSURE UP ON CSG. TO 750 P.S.I.	615		
HELD O.K.		700	3/4
DRILLING OUT 14' CEMENT, FLOAT	700		
SHOE, AND BAFFLE COLLAR		1000	3
CIRCULATE	1000	1130	1 1/2
TRIP OUT TO CLEAN JUNK SUB	1130	1200	1/2
Company Time Cont'r Time			
HOISTING JUNK SUB	1200	115	1 1/4
CLEAN JUNK SUB	115	145	1/2
PICK UP CORE BARREL	145		
REPAIR WIRE		300	1 1/4
RUN IN CORE BARREL - MEASURE 300			
SLOWLY		600	3
CIR. CEMENT CUTTINGS OUT	600		
OF HOLE		10:00	4
CUT CORE #1	10:00	1200	2
Company Time Cont'r Time			

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

This Copy to Conservation Board. (Mail to Calgary Office)

Form I-1

General Petroleums of Canada Limited

DAY WORK RECORD

No. 1177 B

RIG No. F-55 LOCATION N.W.T. ESCARPMENT LAKE #3 AREA WILDCAT DATE DEC. 5, 1966

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

12 DEC 1966

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. PORTER	
Derrick H. ST. ARNEAULT	12
Motor-man A. STEINER	12
Floor J. LEFLEUR	12
Floor	
Mechanic	
Extra	

Injuries: H. ST. ARNEAULT RETURNED FROM SICK LEAVE

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
1345										3.64	

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	5	6 1/8"	OWS	87686							4 1/2"	GOING IN

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives 65 IMP. GALS.
12 BBLS. DIESEL
12 BBLS. WATER
900# NO-BLOK

Motor Hours		NEXT OIL CHANGE AT	FUEL	
DESOO	10,446	10,833		Gals.
No. 2	7,159	7,200	WATER	
MAR. 3D.	376	386	30	Bbls.
No. 4			~~COAL~~ WOOD	
No. 5			8 1/2 CORD	Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
4.5	6	—	—	NEW	78'	—

General:

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller	
Derrick	
Motor-man	
Floor J. ROWLAND (COOK)	
Floor A. HORMAN	12
Mechanic R. STEINER	16
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL	
No. 1				Gals.
No. 2			WATER	
No. 3				Bbls.
No. 4			COAL	
No. 5				Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. Wildey	
Derrick A. Wright	12
Motor-man L. Lafferty	12
Floor L. Lentit	12
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
1395											

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	3	14	OWS	37681							4 1/2	

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.		79		
Visc.		50"		
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. 1.1 cc/30 F.C. NONE pH

At	SURVEYS	Degrees

Additives
300# NO-BLOK
15 bbls. DIESEL
18 " WATER
1200# NO-BLOK

Motor Hours		NEXT OIL CHANGE AT	FUEL	
No. 1	10,458	10,755		Gals.
No. 2	7,171	7,200	WATER	
No. 3	383	386		Bbls.
No. 4			COAL	
No. 5				Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
45	1	—	—	NEW	78'	—

General:

REMARKS	Time Start	Stop	Interval
BOLTED DOWN HYDRIL	1200		
NIPPLED UP FILL-UP, AND			
BLEED-OFF LINES. HOOKED UP			
HYDRIL PUMP, AND FILLED WITH			
LUBOR #34 OIL.			
REBUILT DRILL-THROUGH NIPPLE,			
AND BUILT NEW FLOW LINE TO MUD TANK.			
MIXING PIT OF INVERTED EMULSION			
MUD. HAULING WATER			
LOWERED MUD DITCH FROM TANK TO			
PIT. (LESS VOLUME THAN FIRST EXPECTED)			
Company Time Cont'r Time			
PICKED DRILL COLLARS OUT OF PIPE			
TUB, AND LAID D.C's ON GROUND.			
PICKED UP SINGLE, AND SURGED DOWN			
TO JUNK SUB, + BIT.		1200	12 HRS.
Company Time Cont'r Time			
RUN IN W/B.T. - MEASURE	12.00		
THAWING singles with Blow			
Torch. (as is no steam)			
working on Boiler clearing			
some out. Kelly FROZE in			
Rat Hole Thaw same.			
Rig up To Displace pump			
pit till of Mud is now			
pit of mud mixing on water	1.00		
Company Time Cont'r Time			

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

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

Total Contractor Time ..... Hrs. Toolpusher .....

Total Company Time ..... Hrs. Approved by .....

Form 1-1

This Copy to Conservation Board. (Mail to Calgary Office)

General Petroleums of Canada Limited

DAY WORK RECORD

No. 1176 B

RIG No. F-45 LOCATION N.W.T. ESCARPMENT LAKE #3 AREA WILDCAT DATE Dec. 4. 1955

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. PORTER	
Derrick	
Motor-man A. STEINER	12
Floor J. LE FLEUR	12
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
1345											

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
											4½"	

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1	10,422	10,855	Gals.
No. 2	7,135	7,200	WATER
No. 3	352	556	5 Bbls.
No. 4			CORD WOOD
No. 5			9 COAL Tons

W.L. F.C. pH

At	SURVEYS	Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
4.5	6	—	—	NEW	75'	—

General:

REMARKS	Time Start	Stop	Interval
THAWED AND DUG GROUND TO MAKE HOLE FOR MUD TANK. SET TANK IN PLACE. MADE STEAM COIL FOR SUCTION PIT AND HOOKED UP TO STEAM LINE. RIGGED UP 1 MUD GUN TO PIT. FAN ON LIGHT PLANT SEIZED UP. REPAIRED SAME AND INSTALLED NEW FAN BELT.	1200	1200	12 HRS.

Company Time Cont'r Time

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller	
Derrick	
Motor-man	
Floor J. Rowland (Roof)	
Floor A. NORMAN	12
Mechanic A. STEINER	19
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

W.L. F.C. pH

At	SURVEYS	Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Company Time Cont'r Time

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. WRIGLEY	
Derrick A. WRIGHT	12
Motor-man L. LAFFERTY	12
Floor L. LOUTIT	12
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
1345											

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
											4½	

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1	10,434	10,855	Gals.
No. 2	7,147	7,200	WATER
No. 3	364	556	25 Bbls.
No. 4			COAL
No. 5			7 COAL Tons

W.L. F.C. pH

At	SURVEYS	Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
4.5	6	—	—	NEW	75'	—

General:

REMARKS	Time Start	Stop	Interval
Made Mud Trough From Mud Tank To pit Finish make up mud gun Clean out cellar. Got load of water. Hand casing cut off collar. Putting Diesel oil in pit To start mixing same. Put on casing flange. Prime pump Pick up B.O.P. and clean off it. Set BOP down on Casing Flange Started putting on Bolts	1200		1200

Company Time Cont'r Time

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

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

Total Contractor Time ..... Hrs. Toolpusher .....

Total Company Time ..... Hrs. Approved by .....

This Copy to Conservation Board. (Mail to Calgary Office)

Form 1-4

General Petroleums of Canada Limited

DAY WORK RECORD

No. 0475 B

RIG No. T-44 LOCATION N.W.T. ESCARPMENT LAKE #3 AREA WIND CAT DATE DEC. 3 1952

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. PORTER	
Derrick	
Motor-man A. STEINER	14
Floor J. LEFLEUR	14
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
1345											

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
											4½"	

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1	10,395	10,885	Gals.
No. 2	7,111	7,200	WATER
No. 3	326	326	25 Bbls.
No. 4			COAL WOOD
No. 5			4 CORD Tons

W.L. F.C. pH

At SURVEYS Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
4.3	6	-	-	NEW	75'	-

General:

W.O.C. 38½ HRS.

REMARKS	Time Start	Stop	Interval
W.O.C.	1200		
REMOVED 5" LINERS + HEADS			
FROM GARDNER DENVER PUMP			
INSTALLED 4½" LINERS AND			
RE-DRESSED RODS WITH 4½" HEADS			
CHECKED + MEASURED POWER			
END BEARINGS FOR CLEARANCES			
THAWING OUT GROUND TO SET IN			
WOODEN MUD TANK			
2 MEN HAULING WOOD WITH KB6	1200	12 HRS.	

Company Time Cont'r Time

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller	
Derrick	
Motor-man	
Floor T. Rowland	8
Floor A. Nadman	12
Mechanic E. STEINER	16
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

W.L. F.C. pH

At SURVEYS Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. WOLEY	
Derrick D. Wright	12
Motor-man L. Lafferty	12
Floor L. Lovitt	12
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
1345											

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
											4½	

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1	10,410	10,885	Gals.
No. 2	7,123	7,200	WATER
No. 3	340	326	10 Bbls.
No. 4			COAL
No. 5			9 cord Tons

W.L. F.C. pH

At SURVEYS Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
	5	—	—	New	75'	—

General:

W.O.C. 50½ HRS.

Working on pump put in 12:00
4½ Heads, made Hook
up suction. Digging By
Hand To lower mud Tank
Work on steam coils for
pit + mud Tank. make up steam
Lines Saw some wood 12:00 12 hrs

Company Time Cont'r Time

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

This Copy to Conservation Board. (Mail to Calgary Office)

Form 1-1

General Petroleums of Canada Limited

DAY WORK RECORD

No. 0474 B

RIG No. T-85 LOCATION N.W.T. ESCARPMENT LAKE #3 AREA WILDCAT DATE DEC. 2, 1955

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller D. Porter	
Derrick H. St. Arneault	8
Motor-man A. Steiner	8
Floor J. LeFleur	8
Floor	
Mechanic	
Extra	

Injuries: Nil

Fires Nil

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
1345'									—	—	

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
											5"	

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1	10 374	10,355	Gals.
No. 2	7,047	7,200	WATER
No. 3	304	364	Bbls.
No. 4			COAL WOOD
No. 5			1/2 CORD Tons

W.L. F.C. pH

At SURVEYS Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
45	6	—	—	NEW	75'	—

General:

W.O.C. 14½ HRS.

REMARKS	Time Start	Stop	Interval
W.O.C.	1200		
HAULED WATER			
UNLOADED WATER TANK.			
CHANGED OIL IN KB-8, AND			
RIGGED TRUCK TO HAUL WOOD			
CLEANING OUT SUCTION PIT			
BY HAND		1200	12

Company Time Cont'r Time

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller	
Derrick	
Motor-man	
Floor T. Rowland (cont)	
Floor A. Norman	12
Mechanic R. Steiner	14
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

W.L. F.C. pH

At SURVEYS Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Company Time Cont'r Time

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. Wigley	
Derrick A. Dwight	12
Motor-man L. LaMontagne	12
Floor L. Lentit	12
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
1345'											

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1	10 386	10855	Gals.
No. 2	7,099	7200	WATER
No. 3	316	364	Bbls.
No. 4			COAL
No. 5			Tons

W.L. F.C. pH

At SURVEYS Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
45	6	—	—	NEW	75'	—

General:

W.O.C. 24½ hrs.

REMARKS	Time Start	Stop	Interval
Changed oil in D8-800, Filters	1200		
Cleaning Suction pit			
Leveling up ground to			
put in mud tank			
2 men getting wood with			
Truck			
Changed oil & Filters in Murphy		1200	

Company Time Cont'r Time

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

This Copy to Conservation Board. (Mail to Calgary Office)

Form 1-1

General Petroleums of Canada Limited

DAY WORK RECORD

No. 0473 B

-5. DEC. 1955

RIG No. F-55 LOCATION N.W.T. ESCARPMENT LAKE #3 AREA WILDCAT DATE DEC. 1, 1955

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller T. PORTER	
Derrick H. ST. PONCEAULT	19
Motor-man A. STEINER	19
Floor J. LEFHEUR	19
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
1344	1	1345'	1/2	18,000	—	42	43.16		—	—	18.21

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	7	9"	[illegible]	2622	9000	94	73	24½			5"	Fair

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.	11.7	11.7		
Visc.	70	69		
Gel.	69	69		
Pump Pressure	200	200		
Pump R.P.M.	70	70		

W.L. 9.4 F.C. 3/32 pH 8.0

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1	10,360	10,3[illegible]	Gals.
No. 2	7,063	7,200	WATER
No. 3	280	364	15' Bbls.
No. 4			WOOD
No. 5			1½ Cords

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
4.5	6	-	-	NEW	75'	—

General:

TEMPERATURE -30°F

Company Time	Cont'r Time

REMARKS	Time Start	Stop	Interval
DRILLING	1200	1230	1/2
CIRCULATE TO RUN 7" CASING	1230	200	1½
HOIST + MEASURE OUT TO RUN	200		
CASING. LAY DOWN D.C'S		415	2¼
CLEAN UP, AND RIG TO RUN 7" CSG.	415	515	1
RUN 7" CASING	515		
PICK UP 2 JTS + RUN IN TO MAKE SURE CSG.			
WOULD GO THROUGH [illegible] TIGHT @ 20'. PULL			
OUT 2ND. JT. AND WORK TO WELDER. WELD CSG.			
CIRCULATED CSG. AT 90' AND 400'			
REMODEL SLING ELEVATORS TO			
ACCOMODATE 40 FT. RANGE II CSG.		1200	6¾

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller	
Derrick	
Motor-man	
Floor T. ROULAND	
Floor A. NORMAN	8
Mechanic R. STEINER	18
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Company Time	Cont'r Time

REMARKS	Time Start	Stop	Interval
RUNNING 7" CASING	1200		
CIR CASING AT 900'		530	5½
RIG TO CIR CASING	530	615	3/4
CIR CASING	615	800	1¾
CEMENT + PUMP PLUG DOWN	530	930	1½
GENERAL CLEAN UP + CLEAN	930		
OUT CELLAR		1200	2½

Company Time	Cont'r Time

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. WICKER	
Derrick A. WRIGHT	14
Motor-man L. LAFFERTY	14
Floor L. LOUTIT	16
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
1345											

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1	10362	10365	Gals.
No. 2	7075	7200	WATER
No. 3	292	364	5 Bbls.
No. 4			COAL
No. 5			1 Load Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
4.5	—	—	—	NEW	75'	

General: PLUG DOWN 9:30 pm DEC. 1, 1955

W.O.C. 2½ hrs.

Company Time	Cont'r Time

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

This Copy to Conservation Board. (Mail to Calgary Office)

Form 1-1

General Petroleums of Canada Limited

DAY WORK RECORD

No. 0472 B

RIG No. F-55 LOCATION N.W.T. ESCARPMENT LAKE #3 AREA WILDCAT DATE NOV. 30, 1955

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. PORTER	
Derrick H. ST. ARNEAULT	12
Motor-man H. STEINER	12
Floor J. LEFLEUR	12
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft. / O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
1276	47	1323	11 3/4	14,500	–	41	43.16	–	–	6.91

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

Bits	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	7	9"	OSC-1G 4/16	2622	10-15,000	94	81	12 1/4			5"	IN

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.	11.4	11.4	11.4	11.4
Visc.	65	65	66	66
Gel.	73	73	75	75
Pump Pressure	200	200	175	200
Pump R.P.M.	70	70	70	70

W.L. 9.0 F.C. 3/32 pH 8.0

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT
No. 1	10,336	10,355
No. 2	7,039	7,200
No. 3	256	364
No. 4		
No. 5		

FUEL Gals.

WATER 25 Bbls.

COAL WOOD 2 1/2 CORD Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
4	6	–	–	NEW	75'	–

General:

PIPE CORRECTION MADE 2.10' UNDERGOLE

REMARKS	Time Start	Stop	Interval
DRILLING	1200	500	5
RIG SERVICE + CHECK PUMP	500	515	1/4
DRILLING	515	1200	6 3/4

Company Time Cont'r Time

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller	
Derrick	
Motor-man	
Floor J. ROULAND	
Floor A. MORRIAN	8
Mechanic A. STEINER	14
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft. / O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

Bits	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.	11.4	11.4	11.7	11.7
Visc.	67	68	70	76
Gel.	75	79	90	96
Pump Pressure	200	200	200	200
Pump R.P.M.	70	70	70	70

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT
No. 1		
No. 2		
No. 3		
No. 4		
No. 5		

FUEL Gals.

WATER Bbls.

COAL Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

REMARKS	Time Start	Stop	Interval
DRILLING	1200	415	4 1/4
RIG SERVICE	415	430	1/4
DRILLING	430	1200	7 1/2

Company Time Cont'r Time

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. [illegible]	
Derrick A. [illegible]	12
Motor-man L. [illegible]	12
Floor L. [illegible]	12
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft. / O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
1323	21	1344	11 3/4	15,000		42	43.16			16.21

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

Bits	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	1	9"	OSC-1G 4/16	[illegible]	10,000	94	72	24			5"	IN

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.	11.7	11.7	11.6	11.7
Visc.	68	70	70	68
Gel.	91	94	94	90
Pump Pressure	200	200	200	200
Pump R.P.M.	70	70	70	70

W.L. 9.2 F.C. 3/32 pH 9.0

At	SURVEYS	Degrees

Additives WATER

Motor Hours		NEXT OIL CHANGE AT
No. 1	10,343	10,355
No. 2	7,054	7200
No. 3	268	364
No. 4		
No. 5		

FUEL Gals.

WATER 70 Bbls.

COAL 1 Cord Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
4	6	–	–	NEW	75'	–

General:

REMARKS	Time Start	Stop	Interval
DRILLING	1200	415	4 1/4
RIG SERVICE	415	430	1/4
DRILLING	430	1200	7 1/2

Company Time Cont'r Time

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

Form 1-1

This Copy to Conservation Board. (Mail to Calgary Office)

General Petroleums of Canada Limited

DAY WORK RECORD

No. 0471 B

RIG No. T-55 LOCATION N.W.T. ESCARPMENT LAKE #3 AREA WILDCAT DATE NOV. 29, 1955

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. PORTER	
Derrick H. ST. ARNEAULT	12
Motor-man A. STEINER	12
Floor J. LE FLEUR	12
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
1142	85	1227	11¼	13,200	–	35	43.16		–	–	13.94

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	6	9"	OSC-1G 7/16	4780	6-10,000	94	301	34½	–		5"	In

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.	11.3	11.3	11.2	11.2
Visc.	90	100	60	55
Gel.	130	150	76	67
Pump Pressure	200	200	200	250
Pump R.P.M.	70	70	70	70

W.L. 10.0 F.C. 2/32 pH 8.0

At	SURVEYS	Degrees

Additives WATER

Motor Hours		NEXT OIL CHANGE AT	FUEL
Diesel	10,382	10,355	Gals.
No. 2	7,015	6,281	WATER
No. 3	232	364	30 Bbls.
No. 4			COAL WOOD
No. 5			3½ Cord Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
3	6	–	–	NEW	75'	–

General:

REMARKS	Time Start	Stop	Interval
DRILLING	1200	500	5
ROTARY CLUTCH SLIPPING. REPLACE	500		
BROKEN ARM ON ROTARY CLUTCH			
PRESSURE PLATE. WORK TO PUMP		530	½
DRILLING	530	630	1
WORK TO PUMP, + RIG SERVICE	630	645	¼
DRILLING	645	1200	5¼

Company Time Cont'r Time

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller	
Derrick	
Motor-man	
Floor J. Rowland (Cont'r)	
Floor A. Norman	8
Mechanic A. STEINER	14
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.	11.2	11.2	11.4	11.4
Visc.	58	60	67	65
Gel.	74	74	97	85
Pump Pressure	200	200	200	275
Pump R.P.M.	68	68	69	70

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

REMARKS	Time Start	Stop	Interval
Company Time Cont'r Time			

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. Wigley	
Derrick A. Voight	12
Motor-man L. Lafferty	12
Floor L. Loutit	12
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
1227	49	1276	6½	14,000		40	43.16				26.10

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	6	9"	OSC 1G 7/16	4780	10,000	94	346	40½			5"	FAIR
	7	9"	OSC1G 7/16	2622		94	4	½				

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.	11.3	11.3		
Visc.	67	66		
Gel.	95	96		
Pump Pressure	200	200		
Pump R.P.M.	70	70		

W.L. 8.2 F.C. 2/32 pH 8.0

At	SURVEYS	Degrees

Additives WATER

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1	10,324	10,355	Gals.
No. 2	7027	7200	WATER
No. 3	244	364	15 Bbls.
No. 4			COAL
No. 5			3 Pond Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
4	6	–	–	NEW	75'	–

General:

REMARKS	Time Start	Stop	Interval
DRILLING	1200	515	5¼
WORK TO PUMP MOTOR + RIG SERVICE	515	545	½
DRILLING	545	630	¾
HOIST BIT #6	630	800	1½
GENERAL CLEAN UP + WORK TO PUMP POWER END	800	1000	2
RUN IN BIT 7	1000	1115	1¼
CLEAN HOLE + BIT	1115	1130	¼
DRILLING	1130	1200	½
Company Time Cont'r Time			

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

This Copy to Conservation Board. (Mail to Calgary Office)

Form 1-1

General Petroleums of Canada Limited

DAY WORK RECORD

No. 0456 B

RIG No. F-38 LOCATION N.W.T. ESCARPMENT LAKE #3 AREA WILD CAT DATE NOV. 14, 1955

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. PORTER	
Derrick W. ST. ARNEAULT	10
Motor-man J. THOMAS	10
Floor A. STEINER	12
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
0											

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
DN 80		10,385	475 Gals.
NO 2 ANT	5,395	6,081	WATER
No. 3			10 Bbls.
No. 4			COAL WOOD
No. 5			5 CORDS Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
—	6	—	—	NEW	75'	—

General:

REMARKS	Time Start	Stop	Interval
Company Time / Cont'r Time			
FIRED BOILER, KEEPING PITS THAWED OUT, WHILE WAITING FOR UD-16 INTERNATIONAL PUMP MOTOR TO BE REPAIRED. 2 MEN ARRIVED WITH CAT, AND TWO SLEIGHS OF WOOD + TUBING FROM LAST LOCATION. PUMP MOTOR ARRIVED. UNLOADED SAME + SET IN PLACE ON PUMP BASE. START MOTOR, PRIME PUMP AND CIRCULATE PITS.			
Company Time / Cont'r Time			
Pump Running	2:30		
CLEAN out RAT HOLE. RAT HOLE CASING would not go To Btm. RUN IN Bit To CLEAN Out.		6:00	3½
Rig To Spud in	6:00	6:30	½
SPUD IN	6:30		
DRILLING	6:30	12:00	5½
		NOV 23 1955	
Company Time / Cont'r Time			

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller A. STEINER	12
Derrick H. NORMAN	3
Motor-man J. ROWLAND (COOK)	
Floor	
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. WIGLEY	
Derrick N. LASTIWKA	16
Motor-man L. LAFFERTY	14
Floor L. LOWITT	12
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
0	17	17	5½		0	0	0				17:40

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	1	9	OSC 11/16	11016	ALL			5½			5"	IN

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.	8.4	8.5	8.5	8.5
Visc.	45	42	41	38
Gel.	52	51	53	42
Pump Pressure				
Pump R.P.M.	59	59	59	59

W.L. 10.0 F.C. 1/32 pH 7.0

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
UND 80	9985	10355	450 Gals.
UND 2	5701	6031	WATER
UND-16	3924	4364	5 Bbls.
No. 4			COAL
No. 5			1½ CORD Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
	6			NEW	75'	

General:

SPUD IN @ 6:30 P.M.

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

Form 1-1

This Copy to Conservation Board. (Mail to Calgary Office)

General Petroleums of Canada Limited

D. WORK RECORD No. 0455 B

RIG No. T-22 LOCATION N.W.T. ESCARPMENT LAKE #3 AREA WILDCAT DATE NOV. 13, 1955

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. PORTER	
Derrick H. ST. ARNAUT	10
Motor-man J. THOMAS	12
Floor A. STEINER	16
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

General:

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1	9987	10355	500 Gals.
No. 2			WATER
No. 3	5698	6031	Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
	6	–	–	NEW	75'	–

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller R. STEINER	10
Derrick A. HOFFMAN	10
Motor-man J. ROWLAND (COOK)	
Floor	
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

General:

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. WIGLEY	
Derrick N. LASTIWKA	8
Motor-man L. LAFFERTY	12
Floor L. LOUIT	16
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

General:

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1	9999	10355	500 Gals.
No. 2			WATER
No. 3	5710	6031	Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
	6			NEW	75'	

REMARKS	Time Start	Stop	Interval
Company Time Cont'r Time			
WAITING ON PUMP MOTOR TO BE REPAIRED			
SAWED WOOD + FIRED BOILER			
HELPED CARPENTERS BUILD AND			
PUT UP PREFABS.			
2 MEN LEFT WITH HD-9 CAT FOR			
LAST LOCATION, TO PICK UP WOOD			
AND TUBING ON SLEIGHS.			
Company Time Cont'r Time			
REPAIRS FOR UD-16 ARRIVED			
WORK TO SAME. ENGINE			
going at 5 AM. Nov. 14			
RUN ENGINE TO 9 AM.			
Load SAME ON FyFord			
TRUCK AND bring TO			
LEASE ON Hook up.			
Company Time Cont'r Time			

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

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

Total Contractor Time ..... Hrs. Toolpusher .....

Total Company Time ..... Hrs. Approved by .....

Form 1-1

This Copy to Conservation Board. (Mail to Calgary Office)

General Petroleums of Canada Limited

DAY WORK RECORD

No. 0454 B

RIG No. T-55 LOCATION N.W.T. ESCARPMENT LAKE #3 AREA WILD CAT DATE NOV. 12, 1955

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. PORTER	
Derrick H. ST. ARNEAULT	8
Motor-man J. THOMAS	12
Floor A. STEINER	10
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

General:

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1	9963	10355	588 Gals.
No. 2			WATER
No. 3	5674	6031	Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
—	6	—	—	NEW	73'	—

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller R. STEINER	8
Derrick R. NORMAN	10
Motor-man F. ROWLAND (COOK)	
Floor	
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

General:

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. WIGLEY	
Derrick N. LASTIWKA	10
Motor-man L. LAFFERTY	12
Floor L. HOUTIT	8
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

General:

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1	9975	10355	525 Gals.
No. 2			WATER
No. 3	5686	6031	Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

REMARKS	Time Start	Stop	Interval
Company Time Cont'r Time			
(BLIZZARD DYING DOWN). FIRE AND HAUL + CUT WOOD AND WATER FOR BOILER. WHILE WAITING FOR PUMP MOTOR TO BE REPAIRED GENERAL CLEAN UP AND REPAIR AROUND RIG.			
Company Time Cont'r Time			
R. STEINER, H. STARNEAULT W. WIGLEY WORKED ON BOMBADIER IN GARAGE AT HAY RIVER. TOOK OFF ALL WHEELS CLEAN UP + GREASE SAME. } 8 hrs.			
Company Time Cont'r Time			

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

This Copy to Conservation Board. (Mail to Calgary Office)

Form 1-1

General Petroleums of Canada Limited

DAY WORK RECORD

No. 0453 B

RIG No. F55 LOCATION N.W.T. Escarpment Lake #3 AREA W.C. DATE Nov 11 1955

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. Porter	
Derrick H. St Arneault	10
Motor-man J. Thomas	12
Floor A. Steiner	15
Floor	
Mechanic	
Extra	

Injuries: Nil

Fires: Nil

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
D No. 80	9939	10355	575 Gals.
U No. 26		4364	WATER
L No. P	5650	6031	2 Bbls.
No. 4			COAL
No. 5			0 Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
–	6	–	–	NEW	75'	–

General:

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller R. Steiner	10
Derrick A. Norman	10
Motor-man J. Rowland (cook)	
Floor	
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. Wigley	
Derrick N. Lastinilla	10
Motor-man L. Lafferty	12
Floor L. Loutit	13
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
D No. 80	9951	10355	575 Gals.
U No. 26	—	4364	WATER
L No. P	5662	6031	3 Bbls.
No. 4			COAL
No. 5			½ CORD Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

REMARKS	Time Start	Stop	Interval
Hauled Bombadier to Garage and Started Same. Ground Valves on #2 Head of UD-16 International Pump Motor, and Cleaned up Parts. Put Skids under Front of Bombadier and Loaded 2 Bbls. Gas. Drove Back to Camp.			
Company Time ✓ Cont'r Time			
Heavy Blizzard Conditions			
Hauling water with Cat for Boiler + Sawing wood by Hand.			
Company Time Cont'r Time			
KB3 up set at water Hole Due to Faulty Brakes. Went Out with D-9 Caterpillar to Right Truck			
Company Time Cont'r Time			

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved By _____

Form 1-1

This Copy to Conservation Board. (Mail to Calgary Office)

General Petroleums of Canada Limited

DAY WORK RECORD

No. 0452 B

RIG No. F-53 LOCATION N.W.T. ESCARPMENT LAKE #3 AREA WILD CAT DATE NOV. 10, 1955

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. PORTER	
Derrick H. ST ARNEAULT	12
Motor-man J. THOMAS	12
Floor A. STEINER	12
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
0											

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
											5"	

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
D 6000	9915	10355	625 Gals.
UP-PL		4364	WATER
L BANK	5626	6031	20 Bbls.
No. 4			COAL
DG 5		EVERY WEEK	2½ CORE Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
—	6	—	—	NEW	78'	—

General:

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller A. STEINER	12
Derrick A. NORMAN	10
Motor-man J. Rowland (cook)	
Floor	
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. Wigley	
Derrick N. Lastiwka	10
Motor-man L. Lafferty	12
Floor L. Lauti	12
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
D 6000	9927	10355	600 Gals.
UP PL	—	4364	WATER
No. P	5638	6031	10 Bbls.
No. 4			COAL
No. 5			½ CORE Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

REMARKS	Time Start	Stop	Interval
WORKING ON INTERNATIONAL UD-16	1200		
PUMP MOTOR, DRAIN PUMP.			
REMOVED INJECTOR PUMP + HEADS			
FOUND BROKEN PISTON, AND FAULTY			
INJECTOR PUMP.		600	6
UNBOLT MOTOR FROM PUMP BASE	600		
SKID AND SKID MOTOR AWAY FROM			
RIG. LOAD ON KB-8 AND LEAVE			
FOR HAY RIVER IN HEAVY BLIZZARD		10 00	2
CONDITIONS			

Company Time Cont'r Time

R. STEINER H. ST-ARNEAULT
N. LASTIWKA P. PORTER
A. STEINER
WORKING ON MOTOR IN
HAY RIVER.

Company Time Cont'r Time

Hauled water for Boiler
with CAT 1/4 mile also
cutting wood for Boiler

Company Time Cont'r Time

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

This Copy to Conservation Board. (Mail to Calgary Office)

Form I-1

General Petroleums of Canada Limited

DAY WORK RECORD

No. 0451 B

RIG No. F-55 LOCATION N.W.T. ESCARPMENT LAKE #3 AREA WILD CAT DATE NOV. 8, 1955

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. PORTER	
Derrick H. ST. ARNEAULT	8
Motor-man J. THOMAS	4
Floor A. STEINER	4
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
											5"	

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At SURVEYS Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT
No. 3	9891	10355
No. 2	3903	4364
No. 3	5602	6031
No. 4		
No. 5		

FUEL Gals.

WATER Bbls.

COAL Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
—	6	—	—	NEW	75'	—

General:

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller R. STEINER	10
Derrick A. NORMAN	10
Motor-man J. ROWLAND (cook)	
Floor	
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At SURVEYS Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT
No. 1		
No. 2		
No. 3		
No. 4		
No. 5		

FUEL Gals.

WATER Bbls.

COAL Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. WIDLEY	
Derrick N. LASTIWKA	12
Motor-man L. LAFFERTY	12
Floor A. LOWTIT	12
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
0											

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
											5	

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.		84		
Visc.		50		
Gel.		56		
Pump Pressure				
Pump R.P.M.		58		

W.L. F.C. pH

At SURVEYS Degrees

Additives DRIL-GEL 800 #

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1	9903	10355	650 Gals.
No. 2		4364	WATER
No. 3	5614	6031	30 Bbls.
No. 4			COAL
No. 5	1000	[illegible]	3000 Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
	6			NEW	75'	

General:

REMARKS	Time Start	Time Stop	Time Interval
WAITING ON NEW KELLY HOSE 600			
LAY DOWN KELLY TO CHANGE			
GOOSE-NECK UNION. GENERAL			
CLEAN UP AND CHANGING FITTINGS			
ON PUMP.		1200	4
1 MAN WATCHING RIG + FIRING			
BOILER ON MORNING TOUR).			
Company Time Cont'r Time			
Pump motor RUNNING good	1200		
		400	
STARTED missing LATER + stopped	480		
Company Time Cont'r Time			
WAITING ON NEW KELLY HOSE	1200		
PUT NEW UNION ON GOOSE-NECK. HELPING CARPENTER			
with PRE-FABS ALSO			
mix mud + work TO			
pump motor.			
PUTTING up PRE-FABS around			
Rig		700	7
NEW KELLY HOSE ARRIVED	700		
instal UNION + Chicksan			
put up SAME + INSTALL mud			
~~[illegible]~~ Hole at Bin of STAND pipe			
W/TO pump motor.			
Company Time Cont'r Time		1200	5

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

Form 1-1

This Copy to Conservation Board. (Mail to Calgary Office)

General Petroleums of Canada Limited

DAY WORK RECORD

No. 0450 8

RIG No. F-20 LOCATION N.W.T. ESCARPMENT LAKE #3 AREA WILD CAT DATE NOV. 5, 1963

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. PORTER	
Derrick H. ST. ARNEAULT	8
Motor-man J. THOMAS	8
Floor A. STEINER	8
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
—	6	—	—	NEW	75'	

General:

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller	
Derrick A. NORMAN	8
Motor-man J. Rowland (cont)	
Floor	
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. WIPLEY	
Derrick N. Jastiwka	9
Motor-man L. Lafferty	8
Floor L. LOUTIT	8
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1		10355	775 Gals.
No. 2		4364	WATER
No. 3		6031	40 Bbls.
No. 4			COAL
No. 5			4 CORD Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
					75'	

General:

REMARKS	Time Start	Stop	Interval
1 MAN FIRING BOILER, AND			
WATCHING RIG ON MORNING TOUR			
REST OF CREW WORKING DAYLITES			
LOADED PIPE TUB WITH 3½ D.P. PIPE			
GENERAL CLEANING UP, WHILE			
WAITING ON NEW KELLY HOSE.			
Company Time Cont'r Time			
Company Time Cont'r Time			
REPAIR CAMRON VALVES.			
ALSO CLEAN out CATHEAD.			
REPAIR SIDE FLOORS ON			
RIG.			
HAUL WATER FOR BOILER			
Company Time Cont'r Time			

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

Form _____

This Copy to Conservation Board. (Mail to Calgary Office)

General Petroleums of Canada Limited

DAY WORK RECORD

No. 0449 B

RIG No. F-55 LOCATION N.W.T. ESCARPMENT LAKE #3 AREA WILD CAT DATE NOV. 7, 1955

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. PORTER	
Derrick H. ST. ARMEAULT	12
Motor-man S. THOMAS	12
Floor H. STEINER	12
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
0											

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
											5"	

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.				8.4
Visc.				36
Gel.				-
Pump Pressure				-
Pump R.P.M.				70

W.L. - F.C. - pH -

At	SURVEYS	Degrees

Additives WATER

Motor Hours		NEXT OIL CHANGE AT
J-48600		10355
UND-46	3579	4364
LFHD-48	5554	6031
No. 4		
HND-9		

FUEL Gals.

WATER Bbls.

COAL WOOD

EVERY WEEK 5½ CORDS

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
-	6	-	-	NEW	75'	-

General:

REMARKS	Time Start	Stop	Interval
HAULING WATER AND MIXING MUD PRIOR TO DRILLING RATHOLE	1200		
GENERAL CLEANING UP		315	3¼
DRILLING ON RAT HOLE	315	1200	8¾

Company Time Cont'r Time

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller R. STEINER	10
Derrick H. NORMAN	10
Motor-man J. ROWLAND (COOK)	
Floor	
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 Noon	2 p.m.
Wt.			8.4	
Visc.			32	
Gel.			-	
Pump Pressure				
Pump R.P.M.			70	

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT
No. 1		
No. 2		
No. 3		
No. 4		
No. 5		

FUEL Gals.

WATER Bbls.

COAL Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
	6					

General:

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. WIGLEY	
Derrick N. LASTIWKA	8
Motor-men L. LAFFERTY	8
Floor L. LOUTIT	12
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
0											

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	1	9	OSC-1G	11016							5"	

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives DRIL-GEL 1000 #06

Motor Hours		NEXT OIL CHANGE AT
No. 1		10355
No. 2		4364
No. 3		6031
No. 4		
HND. 9		

FUEL 200 Gals.

WATER 25 Bbls.

COAL 5½ cords Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
-	6	-	-	NEW	75'	-

General:

REMARKS	Time Start	Stop	Interval
DRILLING ON RAT-HOLE	1200	330	3½
RAT HOLE CASING WOULD	3:30		
NOT GO TO BTM.		400	½
REAM RAT HOLE - MIX	400		
MUD			
KELLY HOSE BLEW ABOUT			
6' DOWN FROM STAND PIPE			
TAKE OFF CHICKSAN +			
UNIONS OF HOSE HAUL			
WATER FOR BOILER.			
GENERAL CLEANING UP +			
REPAIR WHILE WAITING ON			
NEW KELLY HOSE			

Company Time Cont'r Time

8.0 HRS.

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

This Copy to Conservation Board. (Mail to Calgary Office)

Form ...

General Petroleums of Canada Limited

DAY WORK RECORD

No. 0448 B

RIG No. F55 LOCATION NWT Escarpment Lake #3 AREA W.C. DATE Nov. 6/55

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. Porter	
Derrick H. St. Arneault	8
Motor-man J. Thomas	8
Floor H. Steiner	8
Floor	
Mechanic	
Extra	

Injuries: Nil

Fires Nil

Equip. Trans. or R'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
0											

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
DG800	9855		Gals.
LND16	3864		WATER
LNO2	5531		Bbls.
No. 4			COAL
HDS	100.0		Tons

W.L. F.C. pH

At	SURVEYS	Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
—	6	—	—	NEW	75'	—

General:

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller R. Steiner	16
Derrick A. Normian	10
Motor-man J. Bowland Coon	
Floor	
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

W.L. F.C. pH

At	SURVEYS	Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. Wiolex	
Derrick N. Lastiwka	16
Motor-man L. Lafferty	16
Floor L. Loutit	16
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
0		0									

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives: Dril-Gel 35 sks

Motor Hours		NEXT OIL CHANGE AT	FUEL
DG800	9871	10355	150 Gals.
LND16	3870	4364	WATER
LNO2	5544	6031	Bbls.
No. 4			~~COAL~~ Wood
HDS	1000	1500	7 cord Tons

W.L. F.C. pH

At	SURVEYS	Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
0	6	0	0	NEW	75'	600

General:

REMARKS	Time Start	Time Stop	Time Interval
Built Steam Lines From	800		
Boiler To Pump and Rig Put Up			
Smoke Stack On Boiler and Work			
On Same. Hauled Water.			
Start Floor and Pump Motors			
+ Prime Mud Pump. General			
Cleaning + Rigging Up To Spud		400	8 hrs.
Company Time Cont'r Time			
Hauling Water +	400		
mix mud. Rigging up			
To make Rat Hole.			
General Cleaning up.			
Rig Service.			
Repair Tire on KB8			
waiting on water To Fill Pits			
Fire up Boiler	1200	8	
Company Time Cont'r Time			

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

This Copy to Conservation Board. (Mail to Calgary Office)

Form

General Petroleums of Canada Limited

DAY WORK RECORD

No. 0447 B

RIG No. T-65 LOCATION N.W.T. ESCARPMENT LAKE #3 AREA WILD CAT DATE NOV. 5, 1955

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. PORTER	
Derrick H. ST. ARNEAULT	10
Motor-man J. THOMAS	10
Floor A. STEINER	10
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
—	6	—			NEW	

General:

REMARKS	Time Start	Stop	Interval
Company Time	Cont'r Time		
BLASTED, DUG AND CLEANED OUT SUCTION PITS AND TANKS.			
Company Time	Cont'r Time		
Company Time	Cont'r Time		

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller	
Derrick N. LASTIWKA	10
Motor-man L. LAFFERTY	10
Floor L. LOUIT	10
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller R. STEINER	10
Derrick A. NORMAN	10
Motor-man J. ROWLAND (COOK)	
Floor	
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

This Copy to Conservation Board. (Mail to Calgary Office)

Form 3-1

General Petroleums of Canada Limited

DAY WORK RECORD

No. 0446 B

RIG No. F-66 LOCATION N.W.T. ESCARPMENT LAKE #3 AREA WILD CAT DATE NOV. 4/1965

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. PORTER	
Derrick H. ST. ARNEAULT	10
Motor-man J. THOMAS	10
Floor A. STEINER	10
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
0											

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
—	6			NEW		

General:

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller W. WILES	
Derrick N. LASTIWKA	10
Motor-man L. LAFFERTY	10
Floor L. LOUTIT	10
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller R. STEINER	10
Derrick A. NORMAN	10
Motor-man J. KOWANDY (Cook)	
Floor	
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
		0									

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

REMARKS	Time Start	Time Stop	Time Interval
Company Time / Cont'r Time			
HAULED 1 LOAD 2" PIPE AND EQUIPMENT FROM LAST LOCATION. RIGGING UP PUMP TO STANDPIPE AND WORKING ON MUD LINES. PICK UP KELLY AND CHECK SWIVEL. BUILT FLOORS AROUND TABLE AND REPAIRED FLOOR WINGS. SPOTTED AIRNEY WAGON AND BUILT DOGHOUSE ON SAME. SPOTTED SLEIGH LOADED WITH 7" CASING. BLASTING ON SUCTION PIT. SAWED 9 CORDS OF WOOD FOR BOILER. SET UP WATER PUMP AT WATER HOLE 8 MILES AWAY			
Company Time / Cont'r Time			
HOOK GUY WIRES TO DEADMEN AND TIGHTEN SAME.			
Company Time / Cont'r Time			

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

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

Total Contractor Time _____ Hrs. Total Company Time _____ Hrs.

Toolpusher _____ Approved by _____

This Copy to Conservation Board. (Mail to Calgary Office)

Form 1-65

General Petroleums of Canada Limited

DAY WORK RECORD

No. 0445 B

RIG No. F-55 LOCATION N.W.T. Escarpment Lake #3 AREA W.C. DATE Nov. 3, 1955

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller: P. Poofer	
Derrick: H. St-Amant	10
Motor-man: J. Thomes	10
Floor: A. Steiner	16
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
0											

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
0				New		

General:

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller: W. Wigley	
Derrick: H. Lastiwka	10
Motor-man: L. Lafferty	10
Floor: L. Loutit	10
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller: R. Steiner	10
Derrick: A. Norman	10
Motor-man: J. Rowland Rough	
Floor	
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
		0									

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

REMARKS	Time Start	Stop	Interval
Cat arrived with sleigh of wood & cabooses.			
Start new drilling line put new liners & heads in Mud pump			
Put pipe rack on sleigh			
7" Casing arrived from Edmonton unload same.			

Company Time Cont'r Time

Company Time Cont'r Time

Company Time Cont'r Time

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

Form _____

This Copy to Conservation Board. (Mail to Calgary Office)

General Petroleums of Canada Limited

DAY WORK RECORD

No. 0444 B

RIG No. F-55 LOCATION N.W.T. Escarpment Lake 2 AREA W.C. DATE Nov. 2, 1955

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

NOV -7 1955

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. Porter	
Derrick H. St-Amand	10
Motor-man T. Thomas	16
Floor A. Stoker	16
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

REMARKS	Time Start	Stop	Interval
Raise Rig Mast			
put up Rig Floors			
Level up mud Pump			
+ Boiler Blowing			
Moles For Dead men			
For guy Lines For Derrick			
CAT sent over To old			
Lease To Bring sleigh & caboose			
over To this lease			
Also load wood			

Company Time Cont'r Time

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller W. Mackey	
Derrick M. Lestiwka	10
Motor-man L. Gilbert	10
Floor L. Louit	16
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Company Time Cont'r Time

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller	
Derrick R. Norman	10
Motor-man T. Rolland (Cont)	
Floor	
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.P. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Company Time Cont'r Time

Totco Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____ Total Contractor Time _____ Hrs. Toolpusher [signature]

B.O.P. Test-Operated _____ Time _____ Results _____ Total Company Time _____ Hrs. Approved by [signature]

Form 3-1

This Copy to Conservation Board. (Mail to Calgary Office)

General Petroleums of Canada Limited

DAY WORK RECORD

No. 0443 B

RIG No. E-55 LOCATION N.W.T. ESCARPMENT LAKE #1 AREA W.C. DATE Nov 1, 1955

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. Porter	
Derrick H. St-Arnault	10
Motor-man T. Thomas	10
Floor A. Teiner	10
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

REMARKS	Time Start	Stop	Interval
Work To Mud End of Pump. Jack up Rig To Put Blocks under Hauling Pipe Rack. Lay Old Lines To Move Lines. Clean Lines Hauled one load of Pipe			

Company Time Cont'r Time

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller D. Wheeler	
Derrick N. Lothian	10
Motor-man E. Lafferty	10
Floor L. Watt	10
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Company Time Cont'r Time

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller R. Teiner	11
Derrick A. Nowsen	11
Motor-man [illegible]	
Floor	
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Company Time Cont'r Time

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

This Copy to Conservation Board. (Mail to Calgary Office)

Form 3

General Petroleums of Canada Limited

DAY WORK RECORD

No. 0442 B

RIG No. F-5-5 LOCATION NWT Escarpment Lake #1 AREA W.C. DATE Oct. 31/55

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

NOV -7 1955

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller: D. Porter	
Derrick: H. St. Arneault	16
Motor-man: J. Thomas	10
Floor: A. Steiner	10
Floor	
Mechanic	
Extra	

Injuries:

Fires:

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

W.L. F.C. pH

At	SURVEYS	Degrees

General:

REMARKS	Time Start	Stop	Interval
Trip to old location unloaded pipe loaded pipe rack, pipe, sleighs and misc. equipment worked on K138 and came back to new location. Left K138 10 miles from camp.			

Company Time Cont'r Time

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller: W. Wigley	
Derrick: N. Lastiwka	10
Motor-man	
Floor: L. Lovett	16
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

W.L. F.C. pH

At	SURVEYS	Degrees

General:

REMARKS	Time Start	Stop	Interval
Spotted bunkhouse, kitchen, light plant & unloaded same. Spotted pump and boiler. Worked on fluid end of pump. Dozed pits and cleaning lease.			

Company Time Cont'r Time

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller: R. Steiner	16
Derrick: A. Norman	12
Motor-man: J. Boland	
Floor	
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

W.L. F.C. pH

At	SURVEYS	Degrees

General:

Company Time Cont'r Time

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

This Copy to Conservation Board. (Mail to Calgary Office)

Form F-1

General Petroleums of Canada Limited

DAY WORK RECORD

No. 0441 B

RIG No. F-55 LOCATION NWT Escarpment Lake #3 AREA W.C. DATE Oct. 30/55

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller R. Porter	
Derrick H. St. Armand	10
Motor-man J. Thomas	10
Floor A. Steiner	10
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

W.L. F.C. pH

At	SURVEYS	Degrees

General:

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller W. Wigley	
Derrick N. Lestiwka	10
Motor-man	
Floor L. Loutit	10
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

W.L. F.C. pH

At	SURVEYS	Degrees

General:

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller R. Steiner	11
Derrick A. Norman	12
Motor-man J. Rowland	
Floor (cook)	
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

W.L. F.C. pH

At	SURVEYS	Degrees

General:

REMARKS	Time Start	Stop	Interval
Loaded, moved and unloaded bunk house, cookhouse, warehouse, light plant and one load of misc. equipment to new location. Drilling new hole.			
Company Time Cont'r Time			
Company Time Cont'r Time			
Company Time Cont'r Time			

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

This Copy to Conservation Board. (Mail to Calgary Office)

Form 8-1

General Petroleums of Canada Limited

DAY WORK RECORD

No. 0440 B

MAY -7 1955

RIG No. F-53 LOCATION NWT Escarpment Lake #3 AREA W.C. DATE Oct. 29/55

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. Porter	
Derrick H. St. Amault	11
Motor-man J. Thomas	12
Floor A. Steiner	12
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

REMARKS	Time Start	Stop	Interval
Arrived at new location with rig. Started dozing new location. Went back to old lease and loaded trucks all day. Moved mud, cement, boiler and rig to new location			

Company Time Cont'r Time

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller W. Wigley	
Derrick N. Lastiwka	8
Motor-man	
Floor L. Loutit	10
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Company Time Cont'r Time

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller P. Steiner	16
Derrick A. Norman	12
Motor-man	
Floor	
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Company Time Cont'r Time

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

This Copy to Conservation Board. (Mail to Calgary Office)

Form 41

General Petroleums of Canada Limited

DAY WORK RECORD

No. 0439 B

RIG No. F55 LOCATION NWT Escarpment Lake #3 AREA W.C. DATE Oct. 28

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. Porter	
Derrick R. Steiner	16
Motor-man H. St. Armand	10
Floor R. Steiner	10
Floor J. Thomas	14
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

W.L. F.C. pH

At	SURVEYS	Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

REMARKS	Time Start	Stop	Interval
Returned to camp with dollies and repaired crane. Set rig on dollies and other wagon and started for new location			
Company Time Cont'r Time			
Finished cutting line to new location and located new site			
Company Time Cont'r Time			

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller W. Wigley	
Derrick N. Lastiwka	8
Motor-man P. Vernon	10
Floor	
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

W.L. F.C. pH

At	SURVEYS	Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller	
Derrick	
Motor-man	
Floor	
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

W.L. F.C. pH

At	SURVEYS	Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Company Time Cont'r Time

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

This Copy to Conservation Board. (Mail to Calgary Office)

Form 4-1

General Petroleums of Canada Limited

DAY WORK RECORD

No. 0438 B

RIG No. F-3 LOCATION NWT Escarpment Lake #3 AREA W. C. DATE Oct. 27/53

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller R. Porter	
Derrick R. Steiner	13
Motor-man H. St. Ronceault	9
Floor R. Steiner	13
Floor ~~[illegible]~~	~~[illegible]~~
Mechanic J. Thomas	8
Extra A. Norman	12

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

W.L. F.C. pH

At	SURVEYS	Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

REMARKS	Time Start	Stop	Interval
Picked up parts, batteries, etc. and went to rig. Serviced cat, dollies, dozed road 12 miles. Return dollies to town for air			
Started cutting line to new location from NWT Escarpment Lake #1			

Company Time Cont'r Time

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller W. Wigley	
Derrick N. Lestiuke	8
Motor-man	
Floor	
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

W.L. F.C. pH

At	SURVEYS	Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Company Time Cont'r Time

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller	
Derrick	
Motor-man	
Floor	
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

W.L. F.C. pH

At	SURVEYS	Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Company Time Cont'r Time

Total Contractor Time ..... Hrs. Toolpusher [signature]

Total Company Time ..... Hrs. Approved by [signature]

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

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

This Copy to Conservation Board. (Mail to Calgary Office)

Form 1-1

General Petroleums of Canada Limited

DAY WORK RECORD

No. 0470 B

RIG No. F-52 LOCATION N.W.T. ESCARPMENT LAKE #3 AREA WILDCAT DATE Nov. 28, 1955

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. PORTER	
Derrick H. ST. ARNEAULT	12
Motor-man A. STEINER	12
Floor J. LEFLEUR	12
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
926	117	1043	11 3/4	11,500	—	32	43.16		—	—	16.20

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

Bits	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	6	9"	OSC-1G 11/16	4760	7-9,500#	94	117	11 3/4			5"	IN

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.	10.8	10.8	10.8	10.8
Visc.	67	60	54	45
Gel.	82	73	64	55
Pump Pressure	175	175	175	175
Pump R.P.M.	70	70	70	70

W.L. 10.0 F.C. 2/32 pH 7.4

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
DIESEL	10,266	10,355	Gals.
No. 2	6991	6,281	WATER
No. 3	206	344	20 Bbls.
No. 4			COAL WOOD
No. 5			3 1/2 Cords

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
3	6	-	-	NEW	75'	—

General:

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller	
Derrick	
Motor-man	
Floor J. Rowland (cook)	
Floor A. NORMAN	12
Mechanic B. STEINER	15
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

Bits	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.	11.0	11.1	11.3	11.3
Visc.	50	55	72	70
Gel.	55	68	102	100
Pump Pressure	175	175	175	175
Pump R.P.M.	70	70	70	70

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. Wright	
Derrick A. Wright	13
Motor-man L. LaMontagne	12
Floor L. LaFleur	12
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
1043	99	1142	11 1/2	12,000		33	43.16				7.99

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

Bits	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	6	9"	OSC1G 11/16	4780	12,000	94	206	23 1/4			5"	IN

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.	11.3	11.3	11.4	11.4
Visc.	72	74	70	75
Gel.	102	104	100	105
Pump Pressure	175	175	175	175
Pump R.P.M.	70	70	70	70

W.L. 9.2 F.C. 4/32 pH 8.0

At	SURVEYS	Degrees

Additives Water Gel 50#

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1	10,300	10,355	Gals.
No. 2	7003	3281	WATER
No. 3	220	364	NIL Bbls.
No. 4			COAL
No. 5			4 cord Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
3	6	—	-	NEW	75'	—

General:

REMARKS	Time Start	Stop	Interval
DRILLING	1200	730	7 1/2
RIG SERVICE + CHECK PUMP	730	745	1/4
DRILLING	745	1200	4 1/4

Company Time Cont'r Time

DRILLING	1200	115	1 1/4
RIG SERVICE + WORK TO PUMP	115	145	1/2
DRILLING	145	1200	10 1/4

Company Time Cont'r Time

Company Time Cont'r Time

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

Form 1-1

This Copy to Conservation Board. (Mail to Calgary Office)

General Petroleums of Canada Limited

DAY WORK RECORD

No. 0469 B

DEC. 2 1955

RIG No. F-25 LOCATION N.W.T. ESCARPMENT LAKE #3 AREA WILDCAT DATE NOV. 27, 1955

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. PORTER	
Derrick H. ST. ARNEAULT	12
Motor-man R. STEINER	12
Floor J. LEFLEUR	12
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
812	43	855	4	9,800	–	26	43.16		–	–	19.69

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

Bits	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	5	9"	OSC-1B 11/16	4256	7,000	94	235	33			5"	IN

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.	10.9	10.9	10.8	10.8
Visc.	160	135	135	120
Gel.	250	246	227	209
Pump Pressure	160	200	175	175
Pump R.P.M.	71	71	71	70

W.L. 9.0 F.C. 2/32 pH 7.4

At	SURVEYS	Degrees

Additives WATER

Motor Hours		NEXT OIL CHANGE AT
No. 1	10,264	10,355
No. 2	6,967	6,281
No. 3	164	364
No. 4		
No. 5		

FUEL: Gals. WATER 12 Bbls. OIL WOOD ½ CORD Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
2	6	–	–	NEW	75'	–

General:

OVERNIGHT LOW TEMPERATURE - 33°F

REMARKS	Time Start	Stop	Interval
CIRCULATING WHILE WAITING ON WATER	1200		
TO BRING DOWN MUD VISCOSITY + GELS. MIXED WATER.			
REPAIRED WATER PUMP DRIVE			
CHAIN, UNPLUGGED GASLINE, AND			
THAWED OUT HOSES WHILE HAULING			
WATER WITH INTERNATIONAL KB-8.		800	8
DRILLING	800	1200	4

Company Time Cont'r Time

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller	
Derrick	
Motor-man	
Floor J. ROWLAND (Cont'd)	
Floor A. NORDION	10
Mechanic R. STEINER	14
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

Bits	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.	10.7	10.7		
Visc.	57	56		
Gel.	68	68		
Pump Pressure	175	175		
Pump R.P.M.	71	71		

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT
No. 1		
No. 2		
No. 3		
No. 4		
No. 5		

FUEL: Gals. WATER Bbls. COAL Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Company Time Cont'r Time

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. Wigley	
Derrick A. Voight	12
Motor-man L. Lafferty	12
Floor L. Loutit	12
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
855	71	926	8¼	10200	–	28	43.16				11.15

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

Bits	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	5	9"	OSC1B 11/16	4256	9000	94	306	41¼			5"	FAIR
	6	9"	OSC1B 11/16	4780								IN

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.	10.9	10.9		
Visc.	65	78		
Gel.	90	110		
Pump Pressure	200	200		
Pump R.P.M.	70	70		

W.L. 7.7 F.C. 1/32 pH 7.4

At	SURVEYS	Degrees

Additives WATER Quab 50#

Motor Hours		NEXT OIL CHANGE AT
No. 1	10276	10355
No. 2	6979	6287
No. 3	196	364
No. 4		
No. 5		

FUEL: Gals. WATER 10 Bbls. COAL 4 CORD Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
3	6	–	–	NEW	75'	–

General:

DRILLING	1200	815	8¼
RIG SERVICE	815	830	¼
HOISTING BIT #5	930	1000	1½
RUNNING BIT #6	1000	1130	1½
CIR HOLE CLEAN + BIT	1130	1200	½

Company Time Cont'r Time

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

This Copy to Conservation Board. (Mail to Calgary Office)

Form 1-1

General Petroleums of Canada Limited

DAY WORK RECORD

No. 0468 B

RIG No. T-32 LOCATION N.W.T. ESSARPMENT LAKE #3 AREA WILD CAT DATE NOV. 26, 1955

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. PORTER	
Derrick H. ST. ARNAULT	12
Motor-man R. STEINER	12
Floor J. LEFLEUR	12
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires: NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
761	51	812	8¼	9,500	—	24	43.16		—	—	.73

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	5	9"	OSC-1G 7/16	4256	7,000#	94	192	29			5"	IN

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.	11.0	11.0	11.1	11.2
Visc.	150	150	175	155
Gel.	290	290	280	300
Pump Pressure	—	—	—	—
Pump R.P.M.	70	70	70	70

W.L. 8.4 F.C. 2/32 pH 7.2

At	SURVEYS	Degrees

Additives: 100# QUEBRACHO

Motor Hours		
DRILL	10,240	10,355
No. 2	6,943	6,281
No. 3	160	364
No. 4		
No. 5		

NEXT OIL CHANGE AT

FUEL Gals.

WATER 2 Bbls.

COAL WOOD 1½ CORDS Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
2	6	—	—	NEW	75'	—

General: NO WATER - MELTING SNOW SAWING WOOD BY HAND

STOPPED DRILLING @ 5:00 COULD NOT CONTROL VISC. TEMPERATURE -44°

REMARKS	Time Start	Time Stop	Interval
DRILLING	1200	815	8¼
CIRCULATING WHILE WAITING ON WATER. (MUD BUILDING UP)	815	1200	3¾
SAWED WOOD			
WORKED ON KB-5 UNIVERSAL			
DRIVE TO WATER PUMP.			

Company Time Cont'r Time

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller	
Derrick	
Motor-man	
Floor J. ROBINAND	12
Floor A. NORMAN	10
Mechanic R. STEINER	12
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
—											

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.	11.2	11.2		
Visc.	300	300		
Gel.	600	600		
Pump Pressure	—	—		
Pump R.P.M.	70	70		

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		
No. 1		
No. 2		
No. 3		
No. 4		
No. 5		

NEXT OIL CHANGE AT

FUEL Gals.

WATER Bbls.

COAL Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Company Time Cont'r Time

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. WATERS	
Derrick A. WRIGHT	12
Motor-man L. LAFFERTY	12
Floor J. LEFLEUR	12
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
812	—	812	—	9,500		24	43.16				.73

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	5	9"	OSC 1G 7/16	4256		94	192	29			5"	IN

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.	11.2	11.2	11.2	10.8
Visc.	221	204	120	120
Gel.	321	300	200	200
Pump Pressure	200	200	200	200
Pump R.P.M.	70	70	70	70

W.L. 3.1 F.C. 2/32 pH 8.0

At	SURVEYS	Degrees

Additives: QUEB 100# BI-CARB 100# WATER 10 Bbls.

Motor Hours		
No. 1	10,252	10,355
No. 2	6,955	6,281
No. 3	172	364
No. 4		
No. 5		

NEXT OIL CHANGE AT

FUEL Gals.

WATER — Bbls.

COAL 1 cord Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
2	6	—	—	New	75'	

General:

REMARKS	Time Start	Time Stop	Interval
CIR. while waiting on water	1200	400	4
Cond mud - wait on more water. Mud still very heavy	4:00	1200	8

Company Time Cont'r Time

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

This Copy to Conservation Board. (Mail to Calgary Office)

Form 1-1

General Petroleums of Canada Limited

DAY WORK RECORD

No. 0467 B

RIG No. F-35 LOCATION N.W.T. ESCARPMENT LAKE #3 AREA WILDCAT DATE NOV. 25, 1955

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. PORTER	
Derrick H. ST. ARNEAULT	12
Motor-man R. STEINER	12
Floor J. LE FLEUR	12
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires: NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
620	71	691	9	8,500	—	21	43.16		—	—	29.92

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	5	9"	OSC-1G 11/16	4256	4-7,000#	94	71	9			5"	IN

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.	1		10.2	10.3
Visc.	R		110	100
Gel.			128	114
Pump Pressure		1	—	—
Pump R.P.M.		P	70	70

W.L. 9.0 F.C. 2/32 pH 7.6 At SURVEYS Degrees

Additives: WATER, 50# QUEBRACHO

Motor Hours		
DIESEL	10,216	10,325
No. 2	6,919	6,281
No. 3	136	364
No. 4		
No. 5		

NEXT OIL CHANGE AT

FUEL Gals.

WATER 7 Bbls.

COAL WOOD 3 CORD Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
2	6	—	—	NEW	75'	—

General:

REMARKS	Time Start	Stop	Interval
FINISH WORKING ON SPLINE SHAFT COUPLING. SET ROTARY TABLE BACK IN PLACE AND THAW OUT ROTARY CLUTCH. RIG SERVICE	1200	145	1 3/4
TRIP IN WITH BIT #5	145	245	1
CLEAN TO BOTTOM.	245	300	1/4
DRILLING	300	1200	9

Company Time Cont'r Time

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller	
Derrick	
Motor-man	
Floor J. Hoolland (cook)	
Floor A. NORMAN	12
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.	10.3	10.3	10.8	10.8
Visc.	95	110	140	175
Gel.	110	130	190	210
Pump Pressure	—	—		
Pump R.P.M.	70	70	70	70

W.L. F.C. pH At SURVEYS Degrees

Additives

Motor Hours		
No. 1		
No. 2		
No. 3		
No. 4		
No. 5		

NEXT OIL CHANGE AT

FUEL Gals.

WATER Bbls.

COAL Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

REMARKS	Time Start	Stop	Interval
KBS WENT FOR WATER BROKE UNIVERSAL DRIVE TO WATER PUMP. MELTING SNOW FOR WATER FOR BOILER			

Company Time Cont'r Time

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. Wigley	
Derrick A. Wright	12
Motor-man L. Lafferty	12
Floor F. Leafit	12
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
691	70	761	11 3/4	7000		23	43.16				20.51

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	5	9	OSC-1G 11/16	4256	7000	94	171	20 3/4			5"	IN

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.	10.8	10.9	10.9	11.0
Visc.	204	280	195	112
Gel.	275	350	290	195
Pump Pressure				
Pump R.P.M.	70	70	70	70

W.L. 4 F.C. 2/32 pH 7.2 At SURVEYS Degrees

Additives: Quebr 100# Bicarb Soda 100#

Motor Hours		
No. 1	10,228	10,325
No. 2	6,931	6,281
No. 3	142	364
No. 4		
No. 5		

NEXT OIL CHANGE AT

FUEL Gals.

WATER 0 Bbls.

COAL 1 1/2 Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
2	6	—	—	NEW	75'	—

General: NO WATER — MELTING SNOW. TEMPERATURE -36°

REMARKS	Time Start	Stop	Interval
DRILLING	1200	400	4
RIG SERVICE	400	415	1/4
DRILLING	415	1200	7 3/4

Company Time Cont'r Time

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

This Copy to Conservation Board. (Mail to Calgary Office)

Form I-1

General Petroleums of Canada Limited

DAY WORK RECORD

No. 0466 B

RIG No. F-35 LOCATION N.W.T. ESCARPMENT LAKE #3 AREA WILD CAT DATE NOV. 24, 1955

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. PORTER	
Derrick H. ST. ARNEAULT	16
Motor-man A. STEINER	17
Floor J. LAFLEUR	12
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
477	121	598	11	8,000#	–	17	43.16		–	–	.74

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

Bits	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	4	9"	OSC-1G 7/16	4253	4-5000#	94	277	29			5"	1N

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.	10.1	10.1	10.1	10.2
Visc.	74	75	78	90
Gel.	84	86	86	110
Pump Pressure	–	–	–	–
Pump R.P.M.	70	70	70	70

Additives: 50# QUEBRACHO

Motor Hours: D 680 10,202 10,355; No. 2 5,895 6,281; No. 3 112 240; No. 4; No. 5

NEXT OIL CHANGE AT

FUEL Gals.; WATER 8 Bbls.; COAL WOOD; Y4 CORD Tons

W.L. 10.2 F.C. 2/32 pH 8.0

At SURVEYS Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
7	6	–	–	NEW	75'	–

General:

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller	
Derrick	
Motor-man	
Floor J. ROWLAND (cont)	
Floor A. NORMAN	10
Mechanic A. STEINER	5
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

Bits	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.	10.2	10.2	10.3	10.3
Visc.	60	60+	98	85
Gel.	70	78	110	100
Pump Pressure	–	–		
Pump R.P.M.	70	70	70	70

Additives

Motor Hours: No. 1; No. 2; No. 3; No. 4; No. 5

NEXT OIL CHANGE AT

FUEL Gals.; WATER Bbls.; COAL Tons

W.L. F.C. pH

At SURVEYS Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. Wigler	
Derrick A. Wright	12
Motor-man L. Lafferty	12
Floor L. Loutit	12
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
598	22	620	3 1/4	8000		18	43.16				7.99

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

Bits	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	4	9"	OSC-1G 7/16	4253	5000	94	299	32 1/4			5"	FAIR

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours: D 8 900 10,214 10,355; No. 2 2907 1,281; No. 3 124 240; No. 4; No. 5

NEXT OIL CHANGE AT

FUEL Gals.; WATER 520 Bbls.; COAL; 4000 Tons

W.L. F.C. pH

At SURVEYS Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
13	6	—	—	NEW	75'	—

General:
LINE + BLOCKS VERY STIFF
TEMPERATURE 34° BELOW.

REMARKS	Time Start	Stop	Interval
DRILLING	1200	1230	1/2
RIG SERVICE AND WORK TO PUMP	1230	1245	1/4
DRILLING	1245	900	8 1/4
WORK TO SPLINE SHAFT COUPLING	900		
ON ROTARY DRIVE		945	3/4
DRILLING	945	1200	2 1/4

Company Time Cont'r Time

TWO MEN GETTING WOOD WITH CAT. + HAULING WATER.
IGNITION COIL ON KB-5 GIVING TROUBLE

Company Time Cont'r Time

WORK TO SPLINE SHAFT	1200		
COUPLING ON ROTARY DRIVE.		1245	3/4
RIG SERVICE	1215	1230	1/4
DRILLING	1230	3.45	3 1/4
HOIST BIT #4	3.45	730	3 3/4
TAKEN TABLE OUT + WORK	730		
TO SPLINE SHAFT COUPLING			
ON ROTARY DRIVE, + STABS			
BRAKE OFF IN SPLINE REPAIR			
SAME CHANGE OIL IN M.D.			

Company Time Cont'r Time

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

This Copy to Conservation Board. (Mail to Calgary Office)

Form I-1

General Petroleums of Canada Limited

DAY WORK RECORD

No. 0465 B

RIG No. F-35 LOCATION N.W.T. ESCARPMENT LAKE #3 AREA WILDCAT DATE Nov. 23, 1955

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. PORTER	
Derrick H. ST. ARNEAULT	16
Motor-man	
Floor A. STEINER	17
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
296	69	365	8 3/4	5,200	—	10	43.16		—	—	18.74

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

Bits	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	3	9"	OSC-1G 11/16	4775	4,500#	94	229	31 1/4			5"	FAIR
	4	9"	OSC-1G 11/16	4253	4,500#	94	44	6 1/4			5"	IN

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.	9.5	9.5	T	9.5
Visc.	55	54	R	60
Gel.	64	63		70
Pump Pressure	—	—		—
Pump R.P.M.	70	70	P	70

W.L. 9.6 F.C. 1/32 pH 7.2

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
DRAW	10,172	10,355	Gals.
No. 2	5,871	6,281	WATER
No. 3	55	240	Bbls.
No. 4			COAL Wood
No. 5			1 1/2 Cords Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
1	6	—	—	NEW	75'	—

General:

TEMPERATURE -35° (TRAVELLING BLOCKS STIFF)

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller	
Derrick	
Motor-man	
Floor J. ROWLAND (Cont)	
Floor A. NORMEN	8
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

Bits	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.	9.5	9.6	9.8	10.0
Visc.	55	55	60	78
Gel.	64	64	70	90
Pump Pressure	—	—		
Pump R.P.M.	70	70	70	70

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. WIDLEY	
Derrick A. VOGHT	8
Motor-man L. LAFFERTY	12
Floor L. LOUTIT	12
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
365	112	477	11 3/4	7000		14	43.16				30.81

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

Bits	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	4	9"	OSC1G 11/16	4253	4,500#	94	156	18			5"	IN

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.	10.0	10.0	9.9	9.9
Visc.	85	99	90	78
Gel.	100	120	110	92
Pump Pressure				
Pump R.P.M.	70	70	70	70

W.L. 10.4 F.C. 1/32 pH 8.0

At	SURVEYS	Degrees

Additives: Quick 100 # Water 5 Bbl.

Motor Hours		NEXT OIL CHANGE AT	FUEL
DRAW	10,190	10,355	Gals.
No. 2	5883	6,281	WATER
No. 3	100	240	10 Bbls.
No. 4			COAL
No. 5			1/2 Cord Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
1	6	—	—	NEW	75'	—

General:

REMARKS	Time Start	Time Stop	Interval
DRILLING	1200	230	2 1/2
RIG SERVICE	230	245	1/4
TRIP OUT WITH BIT #3 & TRIP IN WITH BIT #4, REAM TIGHT SPOT AND BRIDGE @ 90'. CLEAN TO BTM.	2:45	5:45	3
DRILLING	5:45	1200	6 1/4
(2 MEN WORKED OVERTIME TO REMOVE STALLED KB-F TRUCK FROM WATER HOLE 8 MILES FROM RIG)			
Company Time Cont'r Time			
DRILLING	12:00	1230	1/2
RIG SERVICE	1230	1245	1/4
DRILLING	1245	1200	11 1/4
Company Time Cont'r Time			

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

This Copy to Conservation Board. (Mail to Calgary Office)

Form 1-L

General Petroleums of Canada Limited

DAY WORK RECORD

No. 0464 B

RIG No. F-55 LOCATION N.W.T. ESCARPMENT LAKE #8 AREA WILDCAT DATE NOV. 22, 1955

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. PORTER	
Derrick H. ST. PRIMEAULT	12
Motor-man J. THOMAS	12
Floor A. STEINER	12
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
117	121	238	11 1/2	4,500	—	6	43.16	—	—	—	22.19

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
3	9"	OSC-1G 11/16	4775	4,500	94	146	17 3/4			5"	IN

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.	9.1	9.1	9.1	9.1
Visc.	50	52	53	53
Gel.	26	56	100	60
Pump Pressure	—	—	—	—
Pump R.P.M.	69	70	70	70

W.L. 10.0 F.C. 1/32 pH 7.2

At SURVEYS Degrees

Additives WATER

Motor Hours		NEXT OIL CHANGE AT	FUEL
D 6000	10,146	10,335	Gals.
M.O.P.	5,843	6,281	WATER
[illegible]	LINE	240	25 Bbls.
No. 4			CONC WOOD
No. 5			3 1/4 Cords

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
4	6	—	—	NEW	73'	—

General: SLOWED PENETRATION RATE TO HANDLE SHALE (HOLE WOULD NOT CLEAN UP)

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller	
Derrick	
Motor-man	
Floor J. ROWLAND (cook)	
Floor A. NORMAND	8
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.	9.1	9.1	9.4	9.4
Visc.	52	54	54	57
Gel.	5	61	61	64
Pump Pressure	—	—		
Pump R.P.M.	70	71	70	70

W.L. F.C. pH

At SURVEYS Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. Wigley	
Derrick	
Motor-man L. Latterty	12
Floor L. Loutit	12
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
238	58	296	11	5000		8	43.16				25.29

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
3	9"	OSC1E 11/16	4775	4,500	94	204	29 1/4			5"	IN

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.	9.4	9.4	9.4	9.4
Visc.	58	60	60	62
Gel.	66	70	70	72
Pump Pressure				
Pump R.P.M.	70	70	70	70

W.L. 10.2 F.C. pH 7.2

At SURVEYS Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1	10,150	10,335	Gals.
No. 2	5,859	6241	WATER
No. 3	76	240	15 Bbls.
No. 4			COAL
No. 5			2 1/2 Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
	6			NEW	25"	—

General:

REMARKS	Time Start	Stop	Interval
DRILLING	1200	630	6 1/2
RIG SERVICE	630	645	1/4
DRILLING	645	845	2
WORK PIPE + CLEAN SHALE OUT OF HOLE	845	900	1/4
DRILLING	900	1200	3

Company Time Cont'r Time

DRILLING	1200	2:15	2 1/4
RIG SERVICE + put NEW SWIVELE packing in	2:15	3:15	1
DRILLING	3:15	12:00	8 3/4

Company Time Cont'r Time

Company Time Cont'r Time

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

This Copy to Conservation Board. (Mail to Calgary Office)

Form I-1

General Petroleums of Canada Limited

DAY WORK RECORD

No. 0463 B

RIG No. F-55 LOCATION N.W.T. ESCARPMENT LAKE #3 AREA WILDCAT DATE NOV. 21, 1955

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

Tour — Midnight - 3 a.m.

Specify actual hrs. worked	Hrs.
Driller P. PORTER	
Derrick H. ST ARNEAULT	12
Motor-man J. THOMAS	12
Floor A. STEINER	12
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
57	23	80	11 3/4	3,000	—	1	43.16		—	—	27.81

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	2	9"	OSC W/3 1/16	11082	2,800#	94	31	21			5"	IN

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.	8.9	8.8	8.9	8.9
Visc.	52	51	50	45
Gel.	39	39	38	33
Pump Pressure	—	—	—	—
Pump R.P.M.	70	69	70	70

W.L. 9.0 F.C. 1/32 pH 7.0

At	SURVEYS	Degrees

Additives: 200# K-GEL

Motor Hours		NEXT OIL CHANGE AT
D.P. No. 1	10,124	10,355
D.P.	5,744	6,281
M.D.	40	240
No. 4		
No. 5		

FUEL Gals.

WATER 35 Bbls.

COAL Wood 5 Cords Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
—	6	—	—	NEW	75'	—

General:

REMARKS	Time Start	Stop	Interval
DRILLING	1200	630	6 1/2
MIX MUD AND RIG SERVICE	630	645	1/4
DRILLING	645	1200	5 1/4

Company Time Cont'r Time

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller	
Derrick	
Motor-man	
Floor T. ROWLAND (Cont)	
Floor A. NORMAN	8
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.	8.9	8.9	8.9	8.7
Visc.	50	52	52	54
Gel.	57	59	59	61
Pump Pressure	—	—		
Pump R.P.M.	70	70	70	70

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT
No. 1		
No. 2		
No. 3		
No. 4		
No. 5		

FUEL Gals.

WATER Bbls.

COAL Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Company Time Cont'r Time

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. WIGLEY	
Derrick	
Motor-man L. LAFFERTY	12
Floor L. LAUTIT	12
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
80	37	117	10 3/4	3400		2	43.16				21.11

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	2	9	OSC 11/16	11082	2500#	94	43	25 1/2			5"	DULL
	3	9	OSCIG 11/16	4775	2500#	94	37	6 1/4				IN

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.	8.9	8.9	8.9	9.0
Visc.	54	62	56	58
Gel.	60	70	62	68
Pump Pressure				
Pump R.P.M.	70	70	70	70

W.L. 11.3 F.C. 1/32 pH 8.0

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT
D.P. No. 1	10,136	10,355
No. 2	6,293	6281
No. 3	152	240
No. 4		
No. 5		

FUEL Gals.

WATER 15 Bbls.

COAL 4 cord Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
F	6	—	—	New	75'	—

General:

REMARKS	Time Start	Stop	Interval
DRILLING	1200	430	4 1/2
TRIP out To change Bits	430	515	3/4
RIG SERVICE	515	530	1/4
DRILLING	530	1145	6 1/4
WORK To Pump	1145	1200	1/4
DRILLING	1200		

Company Time Cont'r Time

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

This Copy to Conservation Board. (Mail to Calgary Office)

Form 1-1

"General Petroleums of Canada Limited"

DAY WORK RECORD

No. 0462 B

RIG No. F-55 LOCATION N.W.T. ESCARPMENT LAKE #3 AREA WILDCAT DATE NOV. 20, 1955

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. PORTER	
Derrick H. ST. ARNEAULT	12
Motor-man J. THOMAS	12
Floor A. STEINER	12
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
35'	13	48	11 1/4	1,700	—	—	22.32		—	—	6.72

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	1	9"	OSC 3-11/16	11016	1,600#	95	48	23 3/4			5"	IN

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.	8.7	8.7	8.7	8.7
Visc.	50	50	50	52
Gel.	34	35	34	36
Pump Pressure	—	—	—	—
Pump R.P.M.	70	69	70	70

W.L. 10.6 F.C. 1/32 pH 7.0

At	SURVEYS	Degrees

Additives: 500# K-GEL

Motor Hours		NEXT OIL CHANGE AT
DESO	10,100	10,355
No. 2	5,720	6,281
No. 3	16	240
No. 4		
No. 5		

FUEL Gals. WATER 25 Bbls. FUEL WOOD 3 1/2 CORDS Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
—	6	—	—	NEW	75'	—

General:

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller A. STEINER	12
Derrick A. NORMAN	8
Motor-man J. ROWLAND (cook)	
Floor	
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.	8.8	8.8	8.8	8.8
Visc.	52	53	52	54
Gel.	57	58	56	60
Pump Pressure	—	—		
Pump R.P.M.	70	70	70	70

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT
No. 1		
No. 2		
No. 3		
No. 4		
No. 5		

FUEL Gals. WATER Bbls. COAL Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. WIGLEY	
Derrick	
Motor-man L. LAFFERTY	12
Floor L. LOUTIT	12
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
48	9	57	11	2,800			43.16				18.56

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	1	9"	OSC 11/16	11016	1,600#	94	49	24			5"	Dull
	2	9	OSC 11/16	11082	2,800	94	2	9 3/4				IN

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.	8.9	8.9	8.9	8.9
Visc.	55	55	54	50
Gel.	12	62	60	58
Pump Pressure				
Pump R.P.M.	70	70	70	70

W.L. 12.4 F.C. 1/32 pH 8.0

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT
DESO	10,112	10,355
No. 2	5722	6281
No. 3	28	240
No. 4		
No. 5		

FUEL Gals. WATER 15 Bbls. COAL 5 cord Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
—	6	—	—	NEW	75'	—

General:

REMARKS	Time Start	Stop	Interval
DRILLING	1200	500	5
RIG SERVICE, + MIX GEL	500	530	1/2
DRILLING	530	800	2 1/2
TRIP TO INSPECT BIT. (O.K.)	800	815	1/4
DRILLING	815	1200	3 3/4

Company Time Cont'r Time

REMARKS	Time Start	Stop	Interval
Drilling	1200	1:15	1 1/4
Trip out change Bit +	1:15		
pick up D.C. # 2		1:45	1/2
Drilling	1:45	7:15	5 1/2
Rig Service	7:15	7:30	1/4
Drilling	7:30	9:00	1 1/2
Trip + inspect Bit (OK)	9:00	9:15	1/4
Drilling	9:15	12:00	2 3/4

Company Time Cont'r Time

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

This Copy to Conservation Board. (Mail to Calgary Office)

Form 1-F

General Petroleums of Canada Limited

DAY WORK RECORD

No. 0461 B

240 HRS. MURPHY CATS. EACH WK.

RIG No. F-55 LOCATION N.W.T. Escarpment Lake #3 AREA W.C. DATE Nov 19 1955

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller T. Porter	
Derrick H. St. Arneault	4
Motor-man J. Thomas	8
Floor A. Steiner	12
Floor	
Mechanic	
Extra	

Injuries: Nil

Fires Nil

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Pt.	Subs. Ft.	Ft. Up On Kelly
35											19.72

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
											4"	

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
—	6	—	—	NEW	75'	—

General:

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller A. Steiner	12
Derrick A. Norman	8
Motor-man J. Rowland (cook)	8
Floor	
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Pt.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. Wigley	
Derrick	
Motor-man L. Lafferty	16
Floor L. Loutit	9
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Pt.	Subs. Ft.	Ft. Up On Kelly
35											

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	1	9	OSC - 11/16	110416							5"	

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.				9.8
Visc.				53
Gel.				60
Pump Pressure				
Pump R.P.M.				70

W.L. F.C. pH

At	SURVEYS	Degrees

Additives: Gel 600# Barold

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1	10088	10355	Gals.
No. 2	5768	6281	WATER
No. 3	4	240	10 Bbls.
No. 4			COAL
No. 5			6 cor & Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
	6			New	75'	

General:

REMARKS	Time Start	Time Stop	Time Interval
1 MAN FIRING BOILER ON MORNING			
TOUR. 2 MEN HELPING MECHANIC			
FOR 4 HRS. GENERAL MAINTENANCE			
Company Time Cont'r Time			
Waiting on Pump			
Motor From Edmonton			
Company Time Cont'r Time			
Pump Motor Arrived			
From Edmonton	330		
Unload same + skid into			
Pump skid + Bolt down			
Hook up Fuel Lines + etc.			
Check motor over + start			
Weld Belt guard on	930	930	6
Prime Pump + Mix Mud	930	1130	2
Run in To Btm + cir Hole	11:30	1130	
Clean		1200	1/2
Company Time Cont'r Time			

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

This Copy to Conservation Board. (Mail to Calgary Office)

Form 1-L

General Petroleums of Canada Limited

DAY WORK RECORD

No. 0460 B

NOV 25 1955

RIG No. F-55 LOCATION N. W.T. ESCARPMENT LAKE # 3 AREA W. C DATE Nov 18 1955

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. POTTER	
Derrick H. ST. ARNEAULT	4
Motor-man T. THOMAS	8
Floor H. STEINER	4
Floor	
Mechanic	
Extra	

Injuries: Nil

Fires Nil

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
33'											

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
											5"	

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT
D8 No 08		10,355
No 2		6,281
No. 3		
No. 4		
No. 5		

FUEL Gals. WATER Bbls. ~~COAL~~ WOOD Tons

W.L. F.C. pH

At	SURVEYS	Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
—	6	—	—	NEW	75'	—

General:

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller	
Derrick A. NORMAN	8
Motor-man J. ROWLAND	
Floor	
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT
No. 1		
No. 2		
No. 3		
No. 4		
No. 5		

FUEL Gals. WATER Bbls. COAL Tons

W.L. F.C. pH

At	SURVEYS	Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. Wigley	
Derrick	
Motor-man L. Lafferty	8
Floor L. Loutit	8
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
35											

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	1	9	OSC 7/16	11016							5"	

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

Additives

Motor Hours		NEXT OIL CHANGE AT
D8 No 800		10355
No. 2		
No. 3		6281
No. 4		
No. 5		

FUEL Gals. WATER 15 Bbls. COAL 7 Cord Tons

W.L. F.C. pH

At	SURVEYS	Degrees

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
	6			NEW	75'	

General:

REMARKS	Time Start	Stop	Interval
REMOVED REPLACEMENT MOTOR (MINNEAPOLIS MOLINE) FROM PUMP SKID BASE AND PUMP HOUSE. LOADED MOTOR ON SCHMIDT TRUCK RETURNING TO EDMONTON WITH DAMAGED UD-16 FOR REPAIRS HAULED WATER ONE MAN FIRING BOILER ON MORNING TOUR			
Company Time Cont'r Time			
WAITING ON MOTOR FROM EDMONTON			
Company Time Cont'r Time			
Company Time Cont'r Time			

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

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

Total Contractor Time ..... Hrs. Toolpusher .....

Total Company Time ..... Hrs. Approved by .....

This Copy to Conservation Board (Mail to Calgary Office)

Form 1-1

General Petroleums of Canada Limited

DAY WORK RECORD

No. 0459 B

RIG No. F-55 LOCATION N.W.T. Escarpment Lake # 3 AREA W.C. DATE Nov. 17, 1955

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. Porter	
Derrick H. St. Arneault	12
Motor-man J. Thomas	8
Floor A. Steiner	10
Floor	
Mechanic	
Extra	

Injuries: Nil

Fires Nil

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
35	—	—									

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
—	6	—	—	NEW	75'	—

General:

Time Start	Stop	Interval

REMARKS

1 MAN FIRING BOILER ON MORNING TOUR, WHILE WAITING FOR MOTOR TO ARRIVE FROM EDMONTON. REST OF CREW WORKING DAYLIGHTS. GENERAL MAINTENANCE

Company Time Cont'r Time

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller R. Steiner	12
Derrick A. Nerman	8
Motor-man T. Rowland (cont)	
Floor	
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1			Gals.
No. 2			WATER
No. 3			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

REMARKS

Wait on Motor From Edmonton.
Saw wood Help Carpenters Finish putting up Prefabs. Haul Water and Fix water pump on KB8.
Keeping Boiler Fired up.

Company Time Cont'r Time

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. Whaley	
Derrick	
Motor-man L. Lafferty	10
Floor L. Loutit	8
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
35											

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
D No. 1		10355	Gals.
No. 2			WATER
L No. 3		1231	Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
—	6	—	—	NEW	75'	—

General:

REMARKS

Motor Arrived From Edmonton 9:30
Unload Motor + spot on 9:30
pump Base preparing
To start motor
Discover has Loose
Connecting Rods. Showed
No Oil pressure. 1200 2½

Company Time Cont'r Time

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

This Copy to Conservation Board. (Mail to Calgary Office)

Form I-1

General Petroleums of Canada Limited

DAY WORK RECORD

No. 0458 B

RIG No. F-55 LOCATION N.W.T. ESCARPMENT LAKE #3 AREA WILD CAT DATE Nov. 16, 1955

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. PORTER	
Derrick H. ST. ARNEAULT	
Motor-man J. THOMAS	12
Floor A. STEINER	
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
30	5'	35	4 3/4	1,700#	–	–	22.52		–	–	19.72

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

Bits	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	1	9"	OSC 3-11/16	11016			35'				5"	FAIR

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.	8.5	8.5	8.5	8.5
Visc.	35	36	36	36
Gel.	36	35	35	36
Pump Pressure	–	–	–	–
Pump R.P.M.	80	80	80	80

W.L. 10.2 F.C. 1/32 pH 6.6

At	SURVEYS	Degrees

Additives: 3 SAK GEL 300#

Motor Hours	
No. 1	
No. 2	
No. 3	
No. 4	
No. 5	

NEXT OIL CHANGE AT: 10355; 6031; 4364

FUEL: Gals.

WATER: Bbls.

WOOD: 1 1/2 Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
–	6	–	–	NEW	75'	–

General:

REMARKS	Time Start	Stop	Interval
PICK UP #1 DRILL COLLAR	1200	1230	1/2
REAMING + CLEANING TO BTM.	1230	200	1 1/2
DRILLING	200	400	2
RIG SERVICE	400	415	1/4
DRILLING	415	700	2 3/4
WORK TO UD-16 PUMP MOTOR.	700		
TEAR DOWN 1 WALL OF PUMP HOUSE.			
UNBOLT MOTOR FROM PUMP SKID.			
AND LOAD. DISASSEMBLE IN HAY			
RIVER GARAGE. FOUND BURNT OUT			
BEARINGS AND POSSIBLE CRANKSHAFT			
Company Time / Cont'r Time			
DAMAGE. WAIT FOR REPLACEMENT			
FROM EDMONTON.		1200	5
2 MEN WORKING ON MOTOR IN			
HAY RIVER			
Company Time / Cont'r Time			
SAW WOOD + HAUL WATER.	1200		
KEEP BOILER FIRED UP			
CHANGE OIL IN LIGHT PLANT			
Company Time / Cont'r Time			

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller P. STEINER	10
Derrick H. [illegible]	8
Motor-man J. Rowlands	
Floor	
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

Bits	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours	
No. 1	
No. 2	
No. 3	
No. 4	
No. 5	

NEXT OIL CHANGE AT

FUEL: Gals.

WATER: Bbls.

COAL: Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. Wiebe	
Derrick N. Lestinka	2
Motor-man L. Lafferty	12
Floor L. Lafferty	10
Floor	
Mechanic	
Extra	

Injuries: N. Lestinka hurt Right ind while Driving KD8

Fires WATER Hole, 17 miles From Rig

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. FT.	O.D. WT.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
35	7'										

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

Bits	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
											5"	

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.				
Visc.				
Gel.				
Pump Pressure				
Pump R.P.M.				

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours	
No. 1	
No. 2	
No. 3	
No. 4	
No. 5	

NEXT OIL CHANGE AT: 10355; 6031

FUEL: 100 Gals.

WATER: Bbls.

COAL: 8 cord Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
–	2	–	–	New	75'	–

General:

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

This Copy to Conservation Board. (Mail to Calgary Office)

Form 1-1

General Petroleums of Canada Limited

DAY WORK RECORD

No. 0457 B

RIG No. F-55 LOCATION N.W.T. ESCARPMENT LAKE #3 AREA WILD CAT DATE NOV. 13, 1955

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

Tour — Midnight - 8 a.m.

Specify actual hrs. worked	Hrs.
Driller P. PORTER	
Derrick H. ST. ARNEAULT	12
Motor-man J. THOMAS	12
Floor A. STEINER	12
Floor	
Mechanic	
Extra	

Injuries: NIL

Fires NIL

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
17	13	30	6		—	—			—	—	4.40

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	1	9"	OSC 3-11/16	11016	ALL		30'	11½			5"	GOOD
	1A	12¼"	OSC-3	98417	RE-RUN				REAMING			FAIR

MUD	12 Mn.	2 a.m.	4 a.m.	6 a.m.
Wt.	8.5	8.4	8.5	8.5
Visc.	39	39	39	40
Gel.	41	41	41	42
Pump Pressure	—	—	—	—
Pump R.P.M.	70	70	70	70

W.L. 11.0 F.C. 1/32 pH 6.8

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
DSRDO	99 45	10,355	300 Gals.
WD2	5712	6031	WATER
WD-B6	3935	4364	15 Bbls.
No. 4			COAL Wood
No. 5			2 Cord Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
—	6	—	—	NEW	75'	—

General:

REMARKS	Time Start	Stop	Interval
DRILLING	1200	400	4
CIRCULATE, REAM HOLE, AND PICK UP #1 DRILL COLLAR. WOULD NOT GO	400		
TO BTM. REAMED BACK IN		445	3/4
RIG SERVICE	445	500	1/4
DRILLING	500	700	2
PULLED OUT, AND PICKED UP D.C. AGAIN	700		
WOULD NOT GO TO BTM (CROOKED HOLE)		745	3/4
TRIED TO REAM HOLE. COULD NOT. TRIED	745		
D.C. AGAIN BUT WOULD NOT GO. CAME OUT			
MADE UP 12¼" BIT. WENT BACK IN			
Company Time / Cont'r Time			
TO REAM CROOKED HOLE		1200	4¼
REAMING CROOKED HOLE TO 12¼"	1200	400	4
Company Time / Cont'r Time			
RIG SERVICE	400	415	1/4
REAMING 12¼ HOLE	415	1130	
HOIST BIT & BRAKE OFF	1130		7½
PREPARE TO PICK UP D.C		1200	1/2
Company Time / Cont'r Time			

Tour — 8 a.m. to 4 p.m.

Specify actual hrs. worked	Hrs.
Driller B. STEINER	10
Derrick A. NORMAN	8
Motor-man J. Hollandsworth	
Floor	
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition

MUD	8 a.m.	10 a.m.	12 noon	2 p.m.
Wt.			8.5	8.5
Visc.			35	37
Gel.			38	40
Pump Pressure				
Pump R.P.M.			76	70

W.L. F.C. pH

At	SURVEYS	Degrees

Additives

Motor Hours		NEXT OIL CHANGE AT	FUEL
DSRDO			Gals.
No. 2			WATER
WD-B6			Bbls.
No. 4			COAL
No. 5			Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip

General:

Tour — 4 p.m. to Midnight

Specify actual hrs. worked	Hrs.
Driller W. WHELEY	
Derrick N. Lastiko	12
Motor-man L. Lafferty	12
Floor L. Scott	12
Floor	
Mechanic	
Extra	

Injuries:

Fires

Equip. Trans. or Rec'd

From	Footage	To	Hrs. on Bottom	Wt. D.P.M. Lbs.	Stds.	Singles	D.C. Ft.	O.D. Wt.	C.B. Ft.	Subs. Ft.	Ft. Up On Kelly
Reaming	36	30									

IT IS ESSENTIAL THAT ALL JET BITS BE DESIGNATED — ALSO JET SIZE

BITS	No.	Size	Type & Jet Size	Ser. No.	Weight	RPM	Ft. Drilled	Hrs.	Ft. Reamed	Hrs.	Liner Size	Condition
	1A	12¼	OSC-3	98417	ALL	94	Re-Run		Reamed		5"	Fair

MUD	4 p.m.	6 p.m.	8 p.m.	10 p.m.
Wt.	8.5	8.5		8.5
Visc.	35	35	8.5	33
Gel.	40	40	34	33
Pump Pressure			36	34
Pump R.P.M.	70	70		

W.L. F.C. 70 pH 70

At	SURVEYS	Degrees

Additives: Drill Cell 20# DSRDO

Motor Hours		NEXT OIL CHANGE AT	FUEL
No. 1	10005	10355	200 Gals.
No. 2	5721	6031	WATER
No. 3	3946	4364	25 Bbls.
No. 4			COAL
No. 5			1½ Cords Tons

TRIPS	No. Lines	TON MILES	TOTAL	Line Slipped	Line Length	Next Slip
	6			NEW	75'	

General: Checked Fire Ex. Equip all O.K.

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

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

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