

B. A. - H. B. LONE MOUNTAIN

No. 1 D-51

Drilling Authority No.

Date issued

WELL NAME B.I. - E.P. Lone Mountain No. 1

FIELD Wildcat

Area: Fort Simpson

LOCATION: Unit

Section

Grid

Latitude 62°10' N.

Longitude

62-20 122-45
122°55' W.

From Established Reference Marker

Rig Release Date: 9-8-53

Status D. & A.

Information Release Date 9-8-55

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.

#16

CANADA
DEPARTMENT OF RESOURCES AND DEVELOPMENT
NORTHERN ADMINISTRATION AND LANDS BRANCH

(ABANDONMENT)
~~COMPLETION~~ REPORT
~~ABANDONMENT~~

Bj

(Stroke out operations which do not apply)

To be submitted in triplicate in accordance with
Section 70 of the Territorial Oil and Gas Regulations
to the Conservation Engineer at Edmonton, Alberta.

Name of well **B.A. & H.B. Lone Mountain #1** ✓ Permit No. **3**
Lease No. **420**
Registered owner **Minahan** Drilling company **Petrol Ltd.**
Location: (Survey description) **where longitude 122° 56' crosses the north bank**
of the Mackenzie River.
Elevation: Ground **307' ± ?** Kelly bushing **315' ± ?** Depth **2905'**
Spudded **July 24** Finished drilling **Aug. 8** Rig released **Aug. 9**
Deviations from vertical **None taken**

CASING

	Size O.D. inches	Amount feet	Grade	New or used	Set at feet	Sacks cement
1.	7"	465'	N-40 J-55	New	474'	105.
2.						
3.						

TUBING

Status of well on completion of drilling **Plugged and abandoned**
Producing zone
Cored intervals
Interval logged: E-log **2905 - 474'** M-log
R-log Other

DRILLSTEM TESTS

Test No.	Date	Interval tested	Duration	Results

noted
Jgh

(Over)

.....

.....

.....

.....

Perforations: (Cam.....) -

(Det.....)

Shooting: -

Hydraulically fracturing: -

Chemical treatment: -

Date initial production tests: -

Initial production data: -

Pumping or flowing -

Plug back: -

Other: -

.....

.....

CEMENT PLUGS SET

<u>From</u>	<u>To</u>	<u>Sacks cement</u>	<u>Felt At</u>
3905'	2865'	10	-
514'	434'		450
.....			
.....			
.....			
.....			

Electric log is appended: Yes..... No.....

Radioactivity log is appended: Yes..... No.....

Micrometer log is appended: Yes..... No.....

Geologic record or strip log is submitted Yes..... No.....
will be

Results of tests for porosity, permeability,
and saturation of each stratum containing oil,
gas or water are submitted Yes..... No.....
will be

ADDITIONAL DETAILS AND COMMENTS

Top of casing filled with one sack of cement, steel plate welded on top of casing. Celler filled with 4 sacks of cement. Steel pipe 5' x 2" anchored in cement with name of well marked on it.

Signed H. Indrick

Address Ft. Simpson, N.W.T.

C A N A D A

DEPARTMENT OF RESOURCES AND DEVELOPMENT

NORTHERN ADMINISTRATION AND LANDS BRANCH

NOTICE OF INTENTION TO

(REASON)
(SUSPENSE)
(REASON)
(REASON)

A WELL

(Stoke 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

~~Drill~~ the well named ~~Mountain #1~~ on Oil and Gas (Permit No. ~~3~~ ⁴⁶⁰) registered in the name of ~~Minchin~~

Depth ~~2905'~~ feet. Elevation above sea level: Ground surface ~~357'~~ ^{357' ±} Kelly bushing ~~375'~~ ^{375'} ft.

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

(N of S boundary) of (Permit No.) at approxN lat.
(S of N boundary) of (Lease No.)
(W of E boundary) of (Permit No.) at approxE lat.
(E of W boundary) of (Lease No.)

Survey description ~~where longitude 122° 56' crosses the north bank of the~~
~~Richmond River.~~

CASING RECORD

Size O.D. inches	Weight lbs/ft.	Amount feet	Set at feet	Sacks cement	Method	To be withdrawn
1. 7"	20	465'	474'	185	Displacement	-
2. ....	.....	.....	.....	.....	.....	.....
3. ....	.....	.....	.....	.....	.....	.....

OIL, GAS and WATER

Encountered

Cement plugs to be set

Oil from feet tofeet. Fromfeet to.....feet with.....sacks

Gas from feet to feet. Fromfeet to.....feet with.....sacks.

(Over)

Water fromfeet to feet. From.....feet to.....feet with.....sacks.

.....

.....

Bottom plug from **2905'** feet to **3065'** feet with **30** sacks

Surface plug from **514** feet to **434** feet with **18** sacks

Date of last operations **Aug. 2, 1953** Total depth **2905'**

Nature of liquid in well **Oil** Level from surface **2'**

Present condition of well in addition to above: **Pits to be filled**

.....

.....

An electric log (will be) run. (strike out what is non-applicable)
(will not be)

Program of operation not included above: **Top of casing filled with one sack of cement. Metal plate welded on top of casing. Casing filled with 4 sacks of cement. A 5" x 2" steel pipe anchored in cement with name of well marked on it.**

Responsible agents of permittee or lessee in charge of operation:

At well **H. Indriak** At registered office:

Postal address **Ft. Simpson, N.W.T.** Postal address

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

Dated at **Ft. Simpson** this **12th** day of **August** 19**53**

Signed by **H. Indriak**

This program is approved subject to the following provisions:

.....

.....

.....

18 Aug 53
Date

W. B. Swin
Conservation Engineer

CANADA
DEPARTMENT OF RESOURCES AND DEVELOPMENT
NORTHERN ADMINISTRATION AND LANDS BRANCH

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. **469** registered in the name of
Lease No.

J. A. Nisbet

TYPE OF WELL:

Stratigraphic test: **X** Wildcat:
Structure Test: Development:
Anticipated number of holes (Required for Structure Test Only)
Expected total depth: **2400** feet.

The well will be located:

4 miles ~~(S of N boundary)~~ of (Permit No. **469**) at approx. **62° 09' 40" N** Lat.
(S of N boundary) (Lease No.)
2 miles ~~(W of E boundary)~~ of (Permit No. **469**) at approx. **122° 55' 40" W** Long.
(W of E boundary) (Lease No.)

Survey description of location: **On north bank of the Mackenzie River 13 miles east from Lone Mountain**

Approximate surface elevation of **400** feet above sea level.

Name of well: **British American - Hudson's Bay Lone Mountain #1**

Type of drilling rig: **Cordwell Mobil Hoist**

Expected date of commencement: **August 1st, 1953.**

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"	208	J-55	J. & L.	New	Through Cinical Drift	Cemented to Surface
2. ....	.....	.....	.....	.....	.....	.....
3. ....	.....	.....	.....	.....	.....	.....

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

**Upper and Middle Devonian or Silurian. Controlled by blowout preventer
and proper weighted drilling mud.**

(over)

An electric log (will ~~be~~) be run.

The well will be drilled by: .. ~~East Territorial Oil Ltd.~~ (name of company)

Responsible agents of permittee or lessee in charge of operation:

At well: .. ~~Easton, Indrak~~ At registered office: ~~R. H. Hall~~

General Delivery
Postal address: ~~East Simpson, R.M.T.~~ Postal address: ~~409 3rd St., West, Calgary, Alta.~~

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

Dated at .. ~~Calgary, Alberta~~ .. this ... ~~19th~~ ... day of ~~July~~ 19~~53~~.

Signed by *Barware*

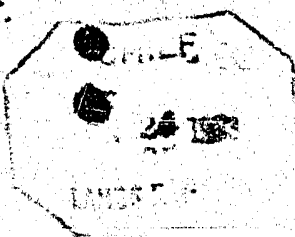
This program is approved subject to the following provisions (if any):

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.....

20 July 1953....
Date

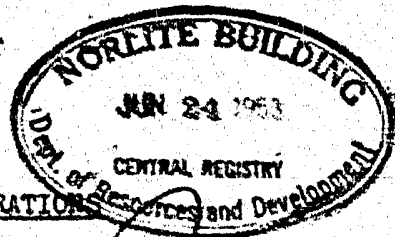
... *A.B. Swin*
Conservation Engineer

Chief



CANADA

DEPARTMENT OF RESOURCES AND DEVELOPMENT
NORTHERN ADMINISTRATION AND LANDS BRANCH



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. 450 registered in the name of Lease No.

J. A. Minchin

TYPE OF WELL:

Stratigraphic test: ☒

Wildcat:

Structure Test:

Development:

Anticipated number of holes: (Required for Structure Test Only)

Expected total depth:feet.

The well will be located:

5 miles of (Permit No. 460) at approx. 62° 5' N Lat.
(S of N boundary) (Lease No.)
5 miles of (Permit No. 460) at approx. W Long.
(W of E boundary) (Lease No.)
(E of W boundary)

Survey description of location: On south bank of the Mackenzie River 15 miles southeast of the mouth of the North Nahanni River where longitude 122° 56' crosses the Mackenzie River, being 5 miles west of the east boundary and 5 miles south of the north boundary of Permit No. 460.

Approximate surface elevation offeet above sea level.

Name of well: British American - Hudson's Bay Lone Mountain #1

Type of drilling rig: Cartwell Mobile Hoist

Expected date of commencement: July 1st, 1953.

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"	20#	J-55	J. & L.	New	Through Glacial Drift	.....
2. ....	.....	.....	.....	.....	.....	.....
3. ....	.....	.....	.....	.....	.....	.....

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

Upper and Middle Devonian or Silurian. Controlled by blowout preventer and proper weighted drilling mud

noted in records
JFM

(over)

An electric log (will) be run.
(instrument)

The well will be drilled by: **West Territories Oils Limited** (name of company)

Responsible agents of permittee or lessee in charge of operation:

At well: **Hector Lubrick**..... At registered office: **Q. W. Hall**.....

Postal address: **General Delivery, Port Simpson, N.W.T.** Postal address: **409 - 3rd St. West, Calgary, Alberta.**

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

Dated at **Calgary, Alberta** this **16th** day of **June** 19**53**.

Signed by

Q. W. Hall

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

.....
.....
.....
.....

20 June 1953
Date

A. B. Inwood
Conservation Engineer

RECEIVED
JUN 21 1953
CALGARY

GEOLOGICAL REPORT

Name: British American - Hudson's Bay Lone Mountain #1

Location: Northwest Territories, District of Mackenzie.
Approx. Longitude: 122° 56' W.
Approx. Latitude: 62° 10' N.

Located on the north bank of the Mackenzie River, about 134' in from the shore at low water.

Elevation: As determined by a Brunton Pocket Transit, the K.B. elevation is considered as 25' ± 1' above the river level at low water. The river elevation is considered as 350' interpolated between elevations at Wrigley and Fort Simpson. The K.B. is therefore considered as:

K. B. 375' ± ?

Status: Dry and Abandoned

Total Depth: Driller: 2905'
Halliburton: 2905'

Engineer: N. Ludwick

Geologist: Russ Waines

* * * * *

Date Spudded: July 24, 1953.
Date Abandoned: August 9, 1953.
Hole Diameters: 9" to 479'
6 1/8" to 2905'

Casing: 465' of 7" casing set at 474' with 105 sacks.
Logs: Electric - Halliburton - August 9, 1953.

Directional Surveys: None

Drill Stem Tests: None

Cores: None

Samples: Government: 480' - 2900'
B.A. - H.B.: 430' - 2900'
B.A. : 420' - 2905'

Missing (not including surface samples):
780' - 790'
2860' - 2870'

Samples not lagged. Lag time = 1 min./ 300'

STRATIGRAPHIC SUMMARY

- 0 - 415': Surface sands and clays, much disturbed by land slippage, underlain by alternating sands and gravels, and followed in turn by 55' of boulders, sands, and gravels.
- 415' - 2905' Simpson Formation - predominantly dark, grey micro-micaceous, occasionally silty shales with tight calcareous silt developments strongest near the top and near the bottom of the shale section. Much less silt in the overall section than the approximate equivalent section at Root River.

Total Depth: 2905' in Simpson Shale.

Oil and Gas Shows: No gas was observed and only two fragments of bitumen were noted at 2840' - 2850'. No silt fragments exhibiting any porosity were seen.

Lithological Description - Logged Dry -

- 0 - 280' Surface sands followed by some clay followed by alternating beds of sand and gravel.
- 280 - 360' Alternate beds of sand and gravel - each up to 30' thick
- 360' - 415' Boulders with occasional beds of sand and gravel.
- 415 - 460' Shale, but over 70% gravel cavings.
- 415 - 630' Shale, slightly calcareous, very finely silty, micromicaceous, slightly carbonaceous, very dark grey to medium grey, flakey and moderately soft, occasionally grading to siltstones.
- 460 - 490' Minor amounts gravel cavings -mostly igneous and metamorphic fragments.
- 480 - 490' Trace dolomite, slightly silty, medium grey-brown, very fine crystalline to very fine sugary texture. Cavings?
- 490 - 540' Traces siltstone, occasionally pyritic, occasionally glauconitic, moderately calcareous, micaceous occasionally, medium grey to aple grey green, very coarse grained - grading to silty shales.
- 490 - 2905' Occasional traces gravel cavings as described from 450 - 490'.
- 500 - 520 Trace Limestone, slightly silty, dark to medium grey-brown, very fine crystalline, may grade to calcareous siltstone.
- 520 - 530 Brachiopod fragment.
- 540 - 550 " "
- 540 - 550 Trace pyrite.
- 540 - 590 Minor amounts siltstone as described from 490' to 540' but grading from coarse to fine grained. very calcareous to very argillaceous, very light grey to dark grey to occasional yellow-grey.
- 550 - 570 Trace Limestone, silty, dark brown to brownish-grey, coarse~~st~~ crystalline, apparently may grade to calcareous siltstone. - tight.
- 560 - 580 Shale, becoming more silty and micaceous.
- 570 - 580 Trace limestone as described 500 - 520'
- 580 - 590 Siltstones increasing to 30%
- 580 - 590 Brachiopod fragments in siltstone.
- 590 - 610 Predominantly very dark micromicaceous shale.
- 590 - 610 Trace siltstone as described from 540' to 590'.
- 590 - 610 Trace Limestone as described 500 - 520'.
- 610 - 620 Minor amounts siltstone, grading to shale, medium grained to very fine grained, moderately calcareous to very slightly calcareous (at times grading to silty limestone), occasionally micromicaceous, light grey to dark grey.

- 620 - 630 Predominantly very dark micromicaceous shale.
- 620 - 630 Trace siltstone as described from 610' to 620'.
- 630 - 660' Predominantly Siltstone, argillaceous, micromicaceous, slightly carbonaceous, slightly calcareous to very calcareous, light to dark grey, medium to fine grained, grading to shale.
- 630 - 660 Lesser amounts shale (up to 40%) as described from 415 to 630'
- 630 - 660 Minor amounts light grey calcareous siltstone.
- 650 - 660 Brachiopod fragments in siltstone.
- 660 - 690 Shale as described from 415 - 630'.
- 660 - 670 Lesser amounts siltstone as described from 630 - 660'.
- 670 - 690 Minor amounts foregoing siltstone.
- 690 - 750 Siltstone, slightly calcareous, slightly carbonaceous, micaceous, medium grey to dark grey, medium grained, grading to shale.
- 690 - 740 Minor amounts shale, as described from 415 - 630' often grading to siltstone.
- 720 - 750 Shale increasing.
- 730 - 740 minor amounts very calcareous siltstone, grading to very silty limestone, occasionally fossiliferous, medium grey to brown-grey - medium sugary texture to medium crystalline texture.
- 730 - 740 Occasional ostracods in silty limestone - occasionally with minutely punctate surfaces.
- 730 - 740 Occasional brachiopod fragments in silty limestone.
- 730 - 740 Minute cephalopod fragment in silty limestone.
- 740 - 750 Siltstone and shale about 50/50.
- 750 - 1560 Shale as described from 415 - 630.
- 750 - 760 Minor amounts siltstones as described from 690 - 750 with trace siltstone as described from 730 - 740, but more silty.
- 750 - 760 Ostracods in silty limestone fragments. Single valves with a central sulcus extending from one side (dorsal?) - unlike ostracods in Root River hole.
- 760 - 1140 Trace siltstones as described from 690 - 750 only more fine grained.
- 780 - 790 Missing.
- 900 - 950 Trace limestone, occasionally dolomitic, very silty, medium to dark brown, very fine grained to crystalline.
- 940 - 950 Siltstone increasing.
- 950 - 980 Minor amounts siltstone, very calcareous, medium to dark brown, medium grained to coarse-grained but crystalline in appearance, grading to brown silty very fine grained limestone on one hand and gray siltstone on the other.

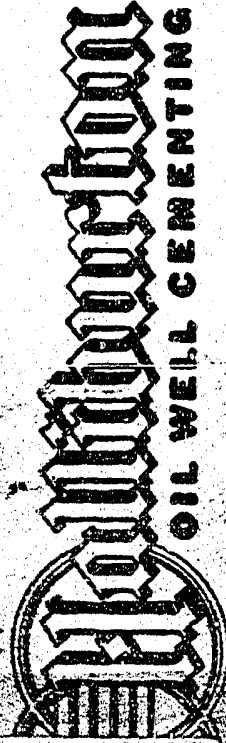
- 960 - 970 Occasional ostracod fragment in brown calcareous siltstone.
- 960 - 970 Brachiopod fragment in brown calcareous siltstone.
- 970 - 980 Foregoing siltstone up to 40%, siltstone more calcareous.
- 970 - 980 Trace white calcite stringers in brown calcareous siltstone.
- 980 - 1020 trace siltstone described from 950 - 980.
- 1070 - 1120 Shale somewhat chunky.
- 1120 - 1140 Minor amounts (up to 40%) siltstone, very calcareous, occasionally carbonaceous, dark grey to dark brown, sugary, medium grained, or crystalline, in appearance and occasionally grading to silty limestone and occasionally grading to shale.
- 1140 - 1150 Trace foregoing siltstone.
- 1140 - 1160 Minor amounts siltstone as described from 690 - 750' medium grey, and fine grained. - grading to shale.
- 1160 - 1180 Trace siltstone described from 1140 - 1160.
- 1160 - 1190 Shales rather silty.
- 1180 - 1190 Minor amounts siltstone as described from 1140 - 1160 with trace siltstone, as described from 1120 - 1140'.
- 1190 - 1220 Trace siltstone as described from 1140 - 1160 but slightly coarser.
- 1220 - 1230 Minor amounts siltstone, micaceous, slightly calcareous, slightly carbonaceous, dark to medium grey, fine to medium grained. Grading to shale.
- 1230 - 1240 Trace siltstone as described above.
- 1230 - 1240 Minor amounts siltstone, very calcareous, micaceous, slightly carbonaceous, medium grey to dark grey brown, sugary to crystalline in appearance, occasionally grading to silty crystalline limestone.
- 1240 - 1260 Minor amounts siltstone as described from 1220 - 1230.
- 1240 - 1330 Shale generally very dark, occasionally micaceous and silty, chunky.
- 1240 - 1260 Trace siltstone as described from 1230 - 1240.
- 1260 - 1560 Trace siltstone as described from 1220 - 1230.
- 1280 - 1290 Trace siltstone as described from 1230 - 1240', inclined towards limestone.
- 1300 - 1310 Minor amounts siltstone as described from 1230 - 1240 but with larger amounts of crystalline silty limestone developed (over 50% of the siltstone) Fragments of siltstone occasionally in contact with shale.
- 1310 - 1330 Trace foregoing siltstone.
- 1330 - 1390 Shale generally dark to medium grey, less silty and more flakey than in previous hundred feet.

- 1330 - 1360 Occasional shale discolouration due to overheating.
- 1390 - 1420 Shale slightly more silty and micaceous and darker than previous 60 feet, often grading into very fine grained siltstone, chunky.
- 1420 - 1450 Shale still very dark grey but less chunky and less silty.
- 1430 - 1440 Trace siltstone as described from 1230 - 1240.
- 1450 - 1460 Minor amounts siltstone as described from 1230 - 1240 (over 50% limestone).
- 1450 - 1500 Shale becoming more silty and more chunky again, very dark grey.
- 1490 - 1500 Trace siltstone as described from 1230 - 1240'.
- 1500 - 1530 Shale less silty but still chunky, very dark grey.
- 1530 - 1540 Minor amounts siltstone, slightly calcareous, slightly carbonaceous, very dark grey, very fine grained grading to silty shale.
- 1530 - 1550 Shale, more silty, still chunky, very dark grey.
- 1550 - 1560 Shale, less silty, more flakey, very dark grey.
- 1560 - 2905 Shale, slightly carbonaceous, non-calcareous, very dark grey, very fine grained, characteristically in elongate appearance along cleavage surfaces, splintery fragments, very finely macro-micaceous, occasionally silty at times almost waxy in appearance.
- 1560 - 1700 Decreasing amounts of shales as described from 750 - 1560'.
- 1560 - 2590 Trace siltstones, slightly calcareous, very fine grained, very dark grey - grading to silty shales.
- 1600 - 1610 Minor amounts siltstone, as described from 1230 - 1240 but over 50% silty crystalline limestone.
- 1610 - 1630 Trace foregoing siltstone & limestone.
- 1700 - 2905 Trace shales, as described from 750' to 1560'.
- 1740 - 1850 Shales becoming even darker.
- 1790 - 1800 Traces siltstone grading to limestone as described 1230 - 1240, very dark brown.
- 1790 - 1800 Trace silty phase of very dark grey shale.
- 1860 - 1870 Shales becoming a little lighter in colour and more flakey.
- 1920 - 2000 Shales becoming a little lighter in colour and more flakey.
- 1960 - 1990 Shale occasionally silty.
- 2000 - 2130 Shales becoming very dark grey, splintery and flakey, occasionally silty.
- 2010 - 2020 Trace calcite - silty, dark grey-brown - apparently associated with very dark grey calcareous siltstone.

- 2020 - 2030 Minor amounts siltstone, very calcareous, carbonaceous, very dark grey, tight. Sugary appearance.
- 2030 - 2040 Trace foregoing siltstone.
- 2050 - 2060 Shale, occasionally silty.
- 2070 - 2080 Trace siltstone, argillaceous to calcareous, very dark grey grading to shale.
- 2080 - 2090 Trace pyrite in very dark grey shale.
- 2090 - 2100 Trace pyrite in very dark grey shale.
- 2100 - 2110 Shale occasionally silty.
- 2110 - 2120 Trace dark grey calcareous, siltstone grading to very dark grey shale.
- 2130 - 2150 Trace pyrite in very dark grey shale.
- 2130 - 2210 Shale occasionally silty.
- 2150 - 2160 Trace medium grey slightly calcareous siltstone - tight.
- 2160 - 2165 Circulated - when mud viscosity jumped suddenly.
- 2160 - 2165 Brown shiny staining due to tannex in the mud.
- 2190 - 2210 Trace calcareous and calcite "developments" in shale, usually silty to argillaceous, slightly carbonaceous, very dark grey-brown to black.
- 2210 - 2520 Minor amounts, silty dark grey shales grading occasionally to siltstone, tending to be chunky.
- 2290 - 2300 Minor amounts siltstone, slightly to very calcareous, occasionally glauconitic, very dark grey to white, medium to coarse grained, tight.
- 2300 - 2310 Trace siltstone, described from 2290 - 2300'.
- 2340 - 2350 Minor amounts siltstone, very calcareous, carbonaceous, occasionally pyritic, medium grey-brown, to very dark grey-brown, medium to coarse grained, sugary to sub-crystalline in appearance. Tight.
- 2350 - 2360 Trace siltstone described from 2340 - 2350'.
- 2360 - 2370 Trace pyrite in very dark grey shale.
- 2360 - 2400 Same shale, sub-waxy in lustre. Very fine grained.
- 2410 - 2420 Trace pyrite in dark grey shale.
- 2500 - 2510 Trace pyrite in dark grey shale.
- 2500 - 2510 Trace siltstone, very calcareous, dark grey-brown, crystalline to sugary in appearance.
- 2520 - 2905 Shale, very dark grey, splintery and flakey and occasionally chunky.
- 2590 - 2600 Trace siltstone, calcareous, dark grey to white, sugary to sub-crystalline in appearance, medium grained, tight. associated at times with very dark grey-brown silty calcite.

2600 - 2610	Minor amounts siltstone as described from 2590 - 2600'.
2610-2620	Traces siltstone as described from 2590 - 2600'.
2610 - 2620	Trace pyrite crystals in siltstone.
2620 - 2670	Minor amounts siltstone as described from 2590 - 2600'
2670 - 2690	Trace foregoing siltstone.
2670 - 2690	Shale, slightly silty.
2690 - 2710	Shale, slightly silty.
2710 - 2720	Trace pyrite in dark gray shale.
2710 - 2750	Trace siltstone as described from 2590 - 2600'
2750 - 2800	Shale, slightly silty.
2760 - 2770	Trace siltstone, calcareous, very dark gray to very light gray, fine grained to medium grained, sugary to sub-crystalline, tight. Occasionally grading to shale.
2760 - 2770	Fragment showing shale and siltstone in contact.
2770 - 2790	Minor amounts siltstone, as described from 2760 - 2770'.
2790 - 2800	Trace very dark brown calcite in shale.
2790 - 2810	Trace siltstone, as described from 2760 - 2770'.
2800 - 2905	Shale, often silty and grading to argillaceous siltstone.
2820 - 2830	Trace siltstone as described from 2760 - 2770'.
2840 - 2850	Trace bitumen, black, conchoidal fracture, cut by calcite stringers, in shale, two fragments.
2850 - 2870	Blanking
2870 - 2880	Trace pyrite in siltstone.
2880 - 2890	Minor amounts siltstone, as described from 2760 - 2770'.
2890 - 2905	Trace above; shale quite silty.

2905' - Total Depth



OIL WELL CEMENTING CO. LTD.

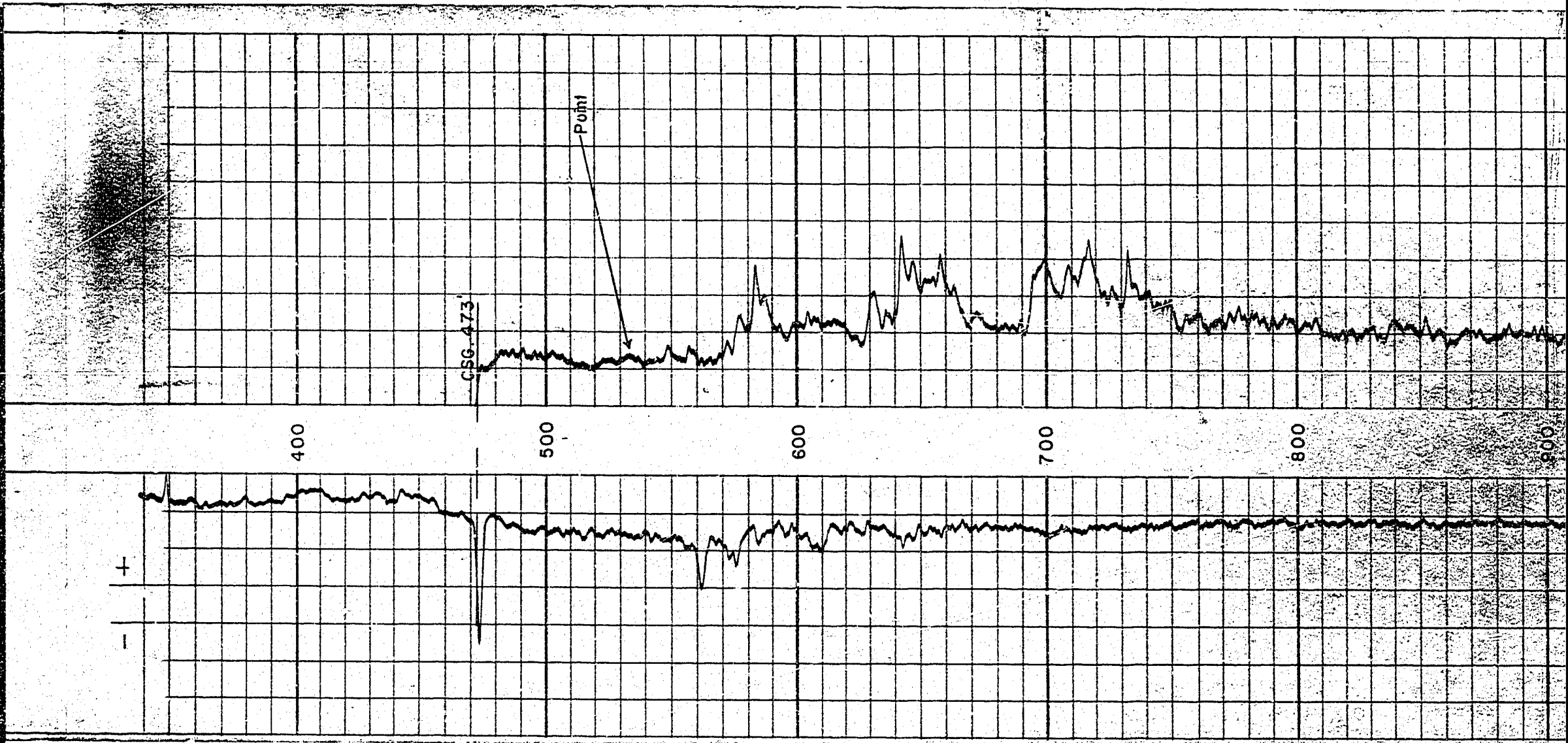
ELECTRIC WELL LOG

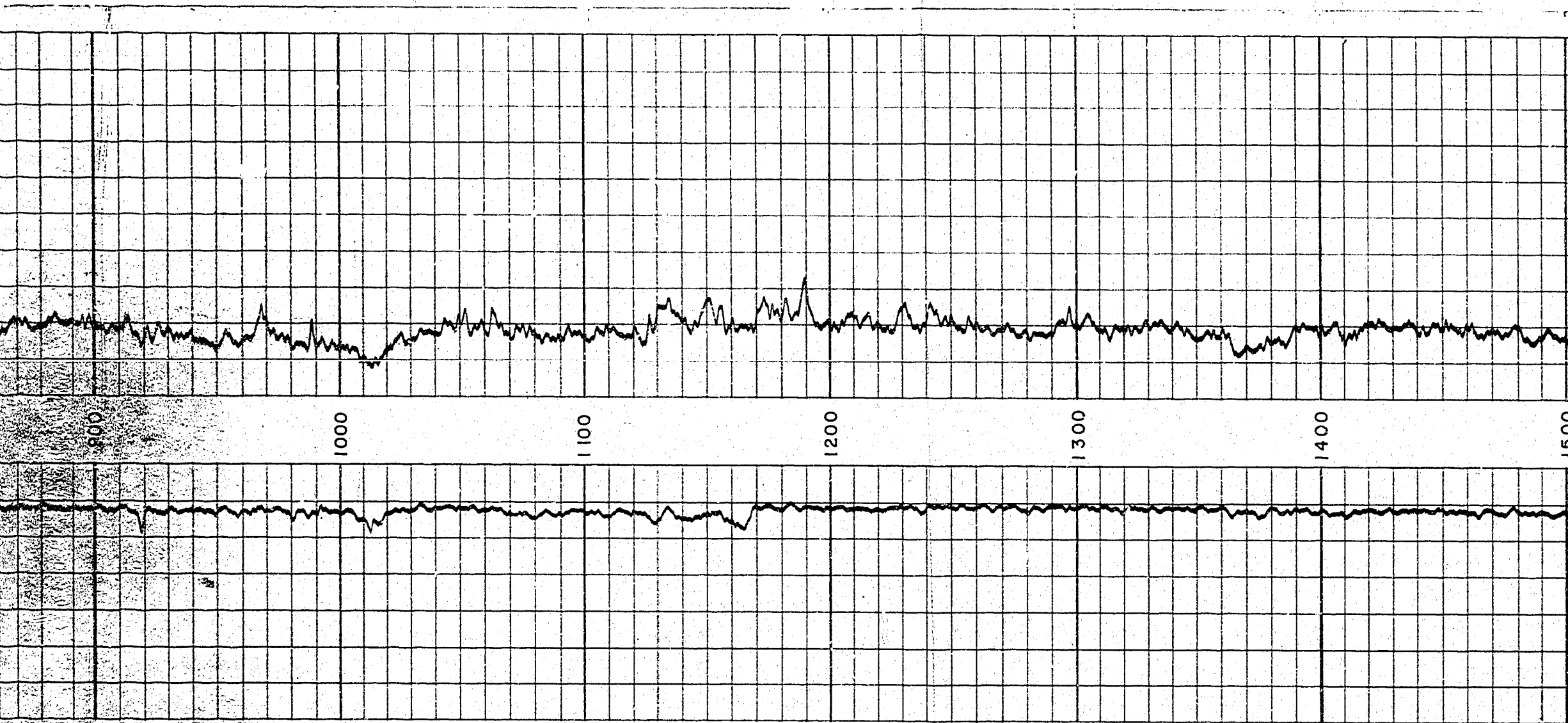
Location Longitude 122° 56' Crosses the Mackenzie River. — North Bank.	COMPANY BRITISH AMERICAN OIL CO. LTD.		FILE
	WELL B.A. — HUDSON'S BAY LONE MOUNTAIN #1		WELL B.A. — H.B. LONE MOUNTAIN #1
	FIELD WILDCAT		FIELD W.C.
	PROVINCE N.W.T. LSD.		Province N.W.T. Lsd
	SEC — TWP — RGE — W —		
	SURVEY		
Log Measured From	KELLY BUSHING. Elevation Approx. 375'		
Drilling Measured From	" " Elevation "		
Permanent Datum	" " Elevation "		

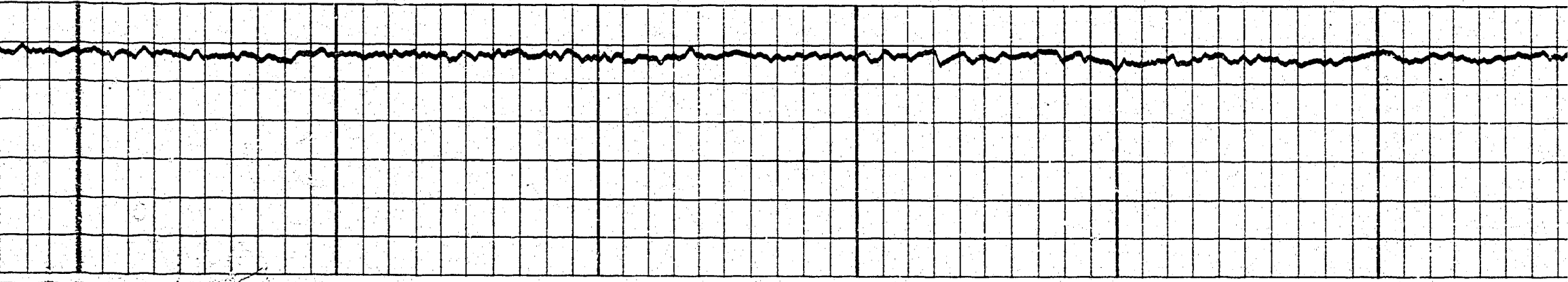
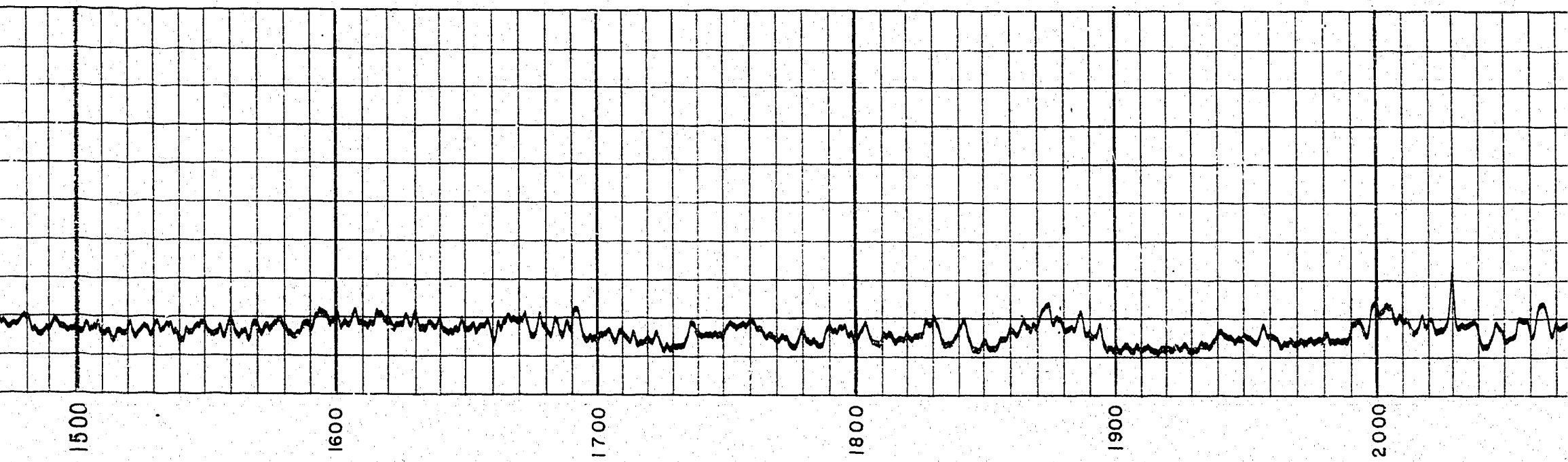
Run No.	ONE		
Date	AUG. 9/53		
Footage Logged	2432		
Total Depth, El. Log	2905		
Total Depth, Driller	2905		
Csg. Shoe, El. Log	473		
Csg. Shoe, Driller	474		
Csg. Size	—		
Bit Size	6 1/8"		
Mud Kind	WATERBASE		
Treatment	AQUAGEL		
Weight	11		
Viscosity	40		
ph	—		
Resist Ohms m2m	— @ — °F	@ °F	@ °F
Loss ml/30 min	—		
Max Temp	—		
Electrode Spacing			
Short	Z — Point		
Medium			
Long			
Recorded by	L. SALT		
Witnessed by	R. WAINES		

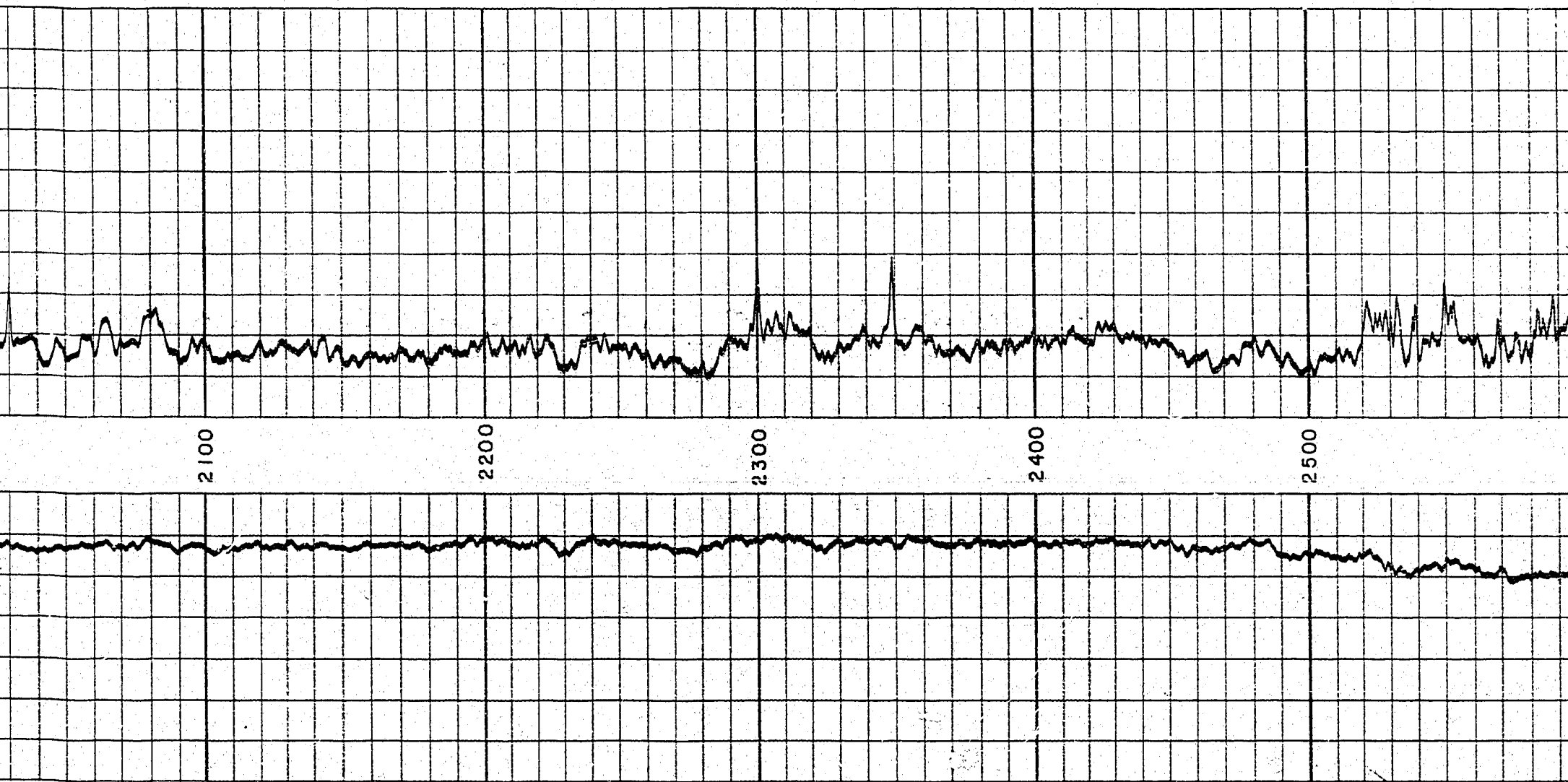
REMARKS OR OTHER DATA

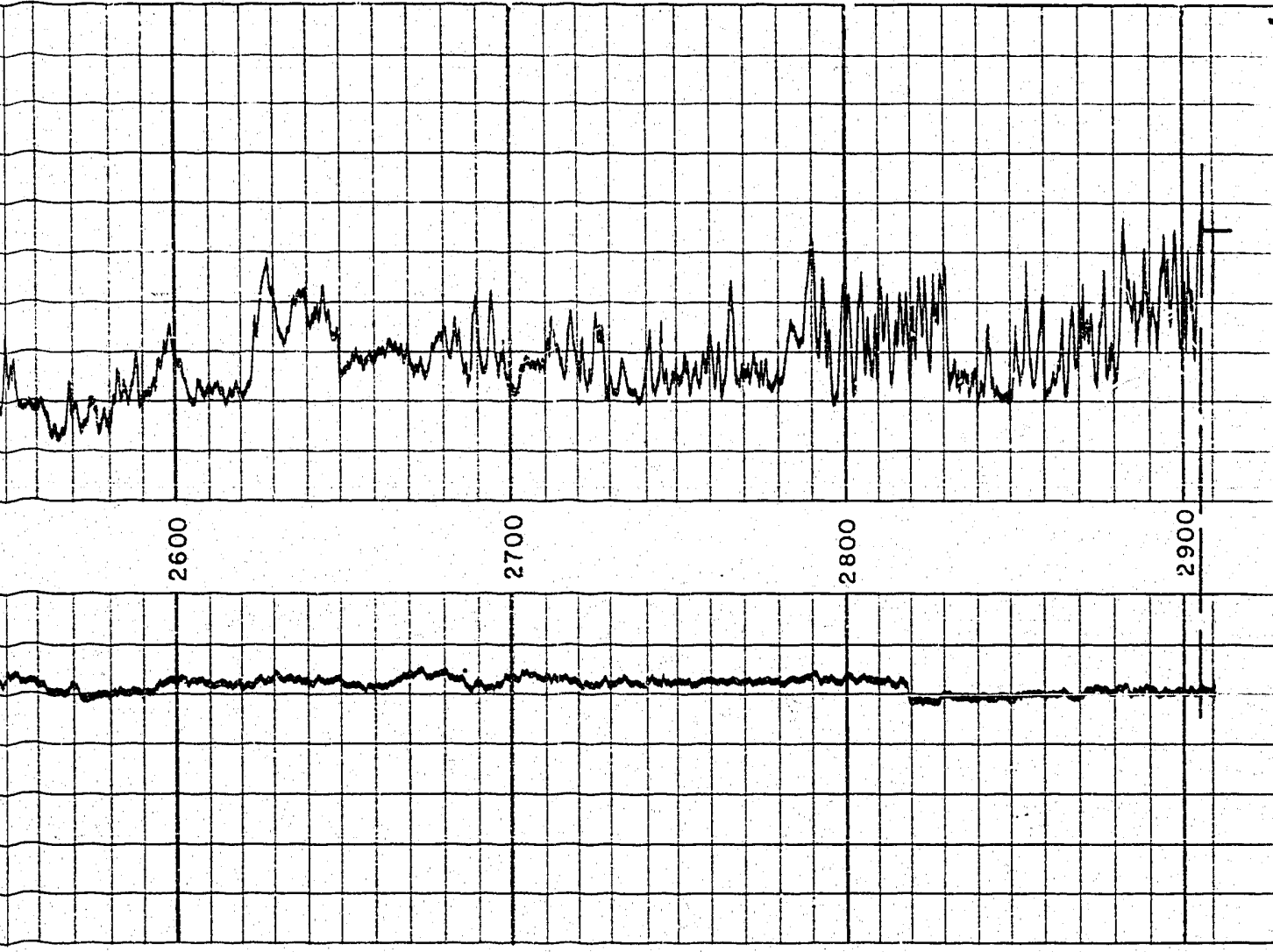
—: NOT AVAILABLE











BRITISH AMERICAN OIL CO. LTD.

B.A.-HUDSON'S BAY LONE MOUNTAIN #1

T.D. LOGGED 2905'

T.D. DRILLER 2905'

LOCATION: Long. 122° 56' Crosses the Mackenzie River - North Bank

K.B. Elev. - Approx. 375'

☐ Oil
☐ Gas
☐ Water
☐ No fm. fluid

FOROSITY
 Poor to fair
 Fair to good

OIL SHOWS
 Trace
 Fair to good
 Saturation

☐ Bitumen
☐ Pyrite
☐ Glauconite
☐ Bentonite
☐ Fossils
☐ Lingula
☐ Chara
☐ Spores

☐ Coal
☒ Igneous Rock
☐ Quartzitic
☒ Coarsely Crystalline

INCLUSIONS, CONCRETIONS, ETC
☒ Salt, Anhydrite
☐ Shale Breaks
☐ light
☐ dark
☐ Pebbles ll., dk
☐ Chert ll., dk
☐ Ls. break
☐ Ironstone
☒ Geode
☐ Ls. break

☐ Brach
☐ Brachiopod
☐ Ostracod
☐ Cephalopod

GEOLOGIC DATA

LOGGED BY: RUSS WAINES

DATE: Aug 53

ENGINEERING DATA

K.B. 375 ±

Sands and Silts much disturbed by land slippage

Sands, Silts and Clays.

Sands and gravels

Gravels

Boulders sands and Gravels

Erosion, Top Simpson Formation - 415

Shale, sl calc., sl silty, mmc., sl carb. med to v dk gy. flakey, occ. grading to silts.

Tr. Silts, calc, occ. mic, occ. pyn, occ glauc. med gy to gy-green, coarse grained, grading to silty shs

Silt sts (as below)

Silt sts v argill to v calc, mmc., sl carb, lt to dk gy, med to fine grained, grading to sh., or occ grading, to brown silty xln Ls's

Silt sts (as above)

Tr. silty Ls + dol, brown, xln grading to siltst.

TIME DRILLING LOG.

MINUTES / FOOT

0 5 10 15

0.50 0.50 0.50

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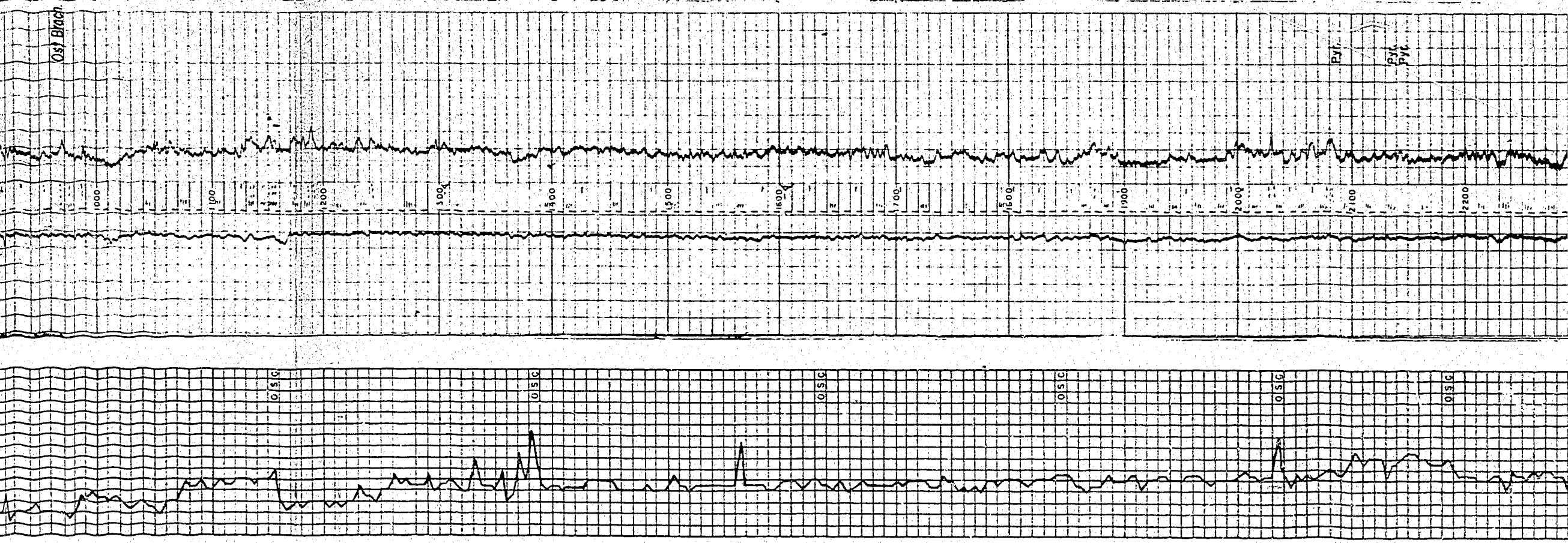
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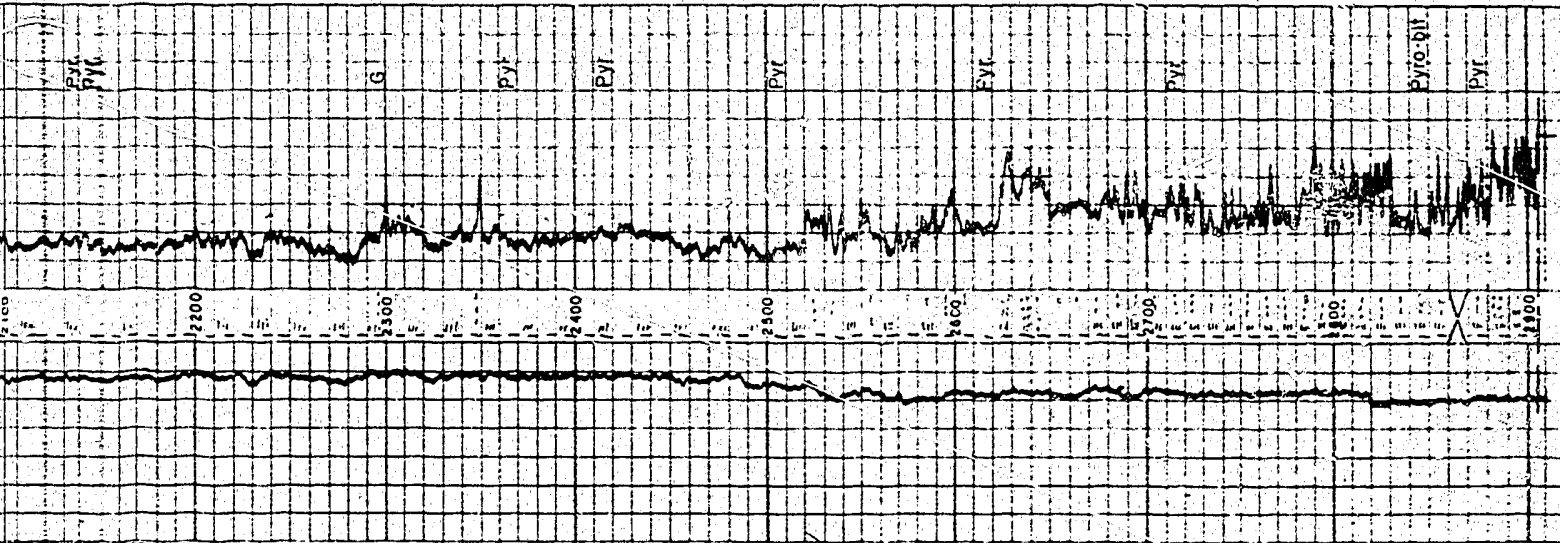
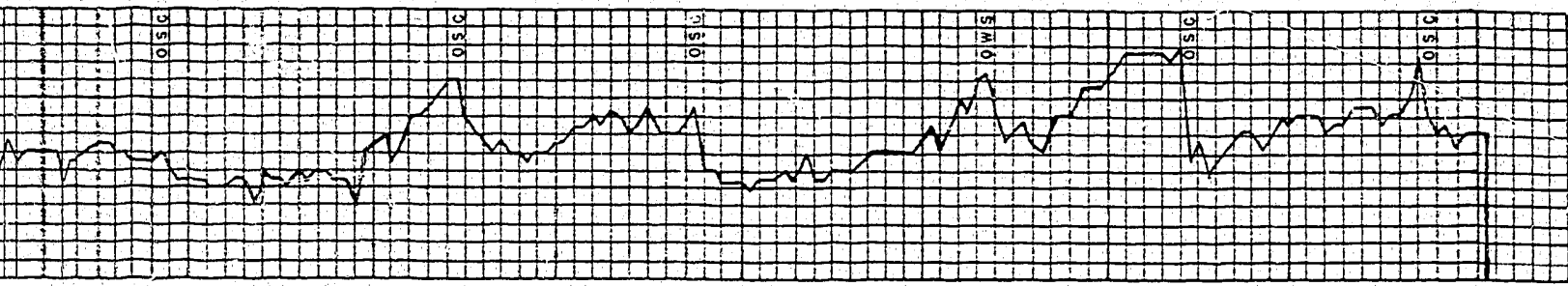
0.50

0.50

Tr silty ls + dol, brown, xln grading to sst.



Predominantly Sh. v. silic. v. sil. carb. occ silty mmc med to vdk gy. occ grading to sst's, flakey to chunky w/trace to min amts. of sst. argil to calc, mic. sl carb med to f.g. med to dk gy v occ grading to brown xln silty ls + dol.



BRITISH AMERICAN OIL CO. LTD. T.D. 130000 1905
 9 A-HORCH'S BAY LONE MOUNTAIN N.I. T.D. 130000 1905
 LOCATION: Long 10° 54' 54" W. Crossed the Atlantic at North Bank
 N.B. 5111 - August 31/05

Silt sts & shs all described previously - generally silty shales and argill siltsts.

T.D. - 2905 in Simpson Formation

DAILY DRILLING REPORT

Field Lease Mountain Well Lease B.A. E. H.C. Lease No. 1 Well No. 1 Date Aug 3/53
 District WESTERN CANADA Prov. N.W.T. Contractor P. & S. Ltd.
 Type rig: ☒ Rotary ☐ Cable Fuel Used: ☐ Gas ☒ Diesel ☐ L.P.G. ☐ Other
 Last Casing: _____ Elevation: _____ Depths Below _____
 Size: 7" _____ G.L. _____ Are From: _____
 Set at 424' K.B. _____ K.B. _____ ☐ K.B. ☐ G.L. _____
 Drill Pipe Size 3 1/2
 Steel Line Measurement: _____
 Former Depth: _____
 Corrected Depth: _____

Operations (See Instructions)	Trip with D.P.	Drilling	Reaming	Coring	Run Elect. Log	Run D.S.T.	Circ. for Samples	Wait on Orders	Repairing Rig	Other Operations	DRILLER'S REMARKS	DRILLER'S DATA				FORMATION OR CORE RECORD																		
												Mud Wt.	Bit-Run No.	Viscosity	Bit-Size	Water Loss	Bit Type	pH	Ser. No.	Filtercake	Slope Test	Number Reg. Men	Extra Men	Hole Made	Depth at End Tour	Driller:	From	To	Recovery	Formation				
12 m to 1 am	/											Mud Wt. 11	Bit-Run No. 1	Viscosity 45	Bit-Size 6 1/2	Water Loss 9.4	Bit Type OSC	pH	Ser. No. 72247	Filtercake 3/2	Slope Test @	Number Reg. Men 4	Extra Men	Hole Made 63	Depth at End Tour 2187	Driller: L. M. Gear 2								
1 am to 2 am	/																																	
2 am to 3 am	/																																	
3 am to 4 am	/																																	
4 am to 5 am	1/4										3/4 Mix mud & get pit																							
5 am to 6 am	/																																	
6 am to 7 am	/																																	
7 am to 8 am	/																																	
8 am to 9 am	/																																	
9 am to 10 am	/																																	
10 am to 11 am	/																																	
11 am to 12 n	/																																	
12 n to 1 pm	/																																	
1 pm to 2 pm	/																																	
2 pm to 3 pm	/																																	
3 pm to 4 pm	/																																	
4 pm to 5 pm	/																																	
5 pm to 6 pm	/																																	
6 pm to 7 pm	/																																	
7 pm to 8 pm	/																																	
8 pm to 9 pm	3/4										1/4 Service dip																							
9 pm to 10 pm	1/2										1/2 Tighten bottom																							
10 pm to 11 pm	/																																	
11 pm to 12 m	/																																	
Totals																																		

GRAND TOTAL:

Hours

Approved: L. M. Gear 2

Dist. Supt.

Signed: H. L. L. L. L.

DAILY DRILLING REPORT

Field Lone Mt. Hill Lease B.P.E. H.B. Lone Mt. Well No. 1 Date Aug 2/52
 District WESTERN CANADA Prov. N.W.T. Contractor Petrol Ltd.
 Type rig: ☒ Rotary ☐ Cable Fuel Used: ☐ Gas ☒ Diesel ☐ L.P.G. ☐ Other
 Last Casing: _____ Elevation: _____ Depths, Below _____
 Size: 7" _____ G.L. _____ Are From: _____
 Set at 57 ft K.B. _____ K.B. _____ ☐ K.B. ☐ G.L. _____
 Drill Pipe Size 3 1/2
 Steel Line Measurement: _____
 Former Depth: _____
 Corrected Depth: _____

Operations (See Instructions)	Trip with D.P.	Drilling	Reaming	Coring	Run Elect. Log	Run D.S.T.	Circ. for Samples	Wait on Orders	Repairing Rig	Other Operations	DRILLER'S REMARKS	DRILLER'S DATA				FORMATION OR CORE RECORD			
												Mud Wt.	Bit Run No.	Bit Size	Bit Type	Depth From	Depth To	Recovery	Formation
12 m to 1 am		/										Mud Wt. 10.8	Bit Run No. 8	Bit Size 6 1/2	Bit Type OSC	Depth From	Depth To	Recovery	Formation
1 am to 2 am		/										Viscosity 45	Bit Size 6 1/2	Bit Type OSC					
2 am to 3 am		/										Water Loss 8.8	Bit Type OSC						
3 am to 4 am		/										pH	Ser. No. 6948						
4 am to 5 am		/										Filtercake 3/32	Slope Test @						
5 am to 6 am		/										Number Reg. Men 4	Extra Men	Man Hrs. 32					
6 am to 7 am		/										Hole Made 88	Depth at End Tour						
7 am to 8 am		/										Driller: L. M. Goetz							
8 am to 9 am		3/4									Service	Mud Wt. 11	Bit Run No. 9	Bit Size 6 1/2	Bit Type OSC				
9 am to 10 am		/										Viscosity 46	Bit Size 6 1/2	Bit Type OSC					
10 am to 11 am		/										Water Loss 9	Bit Type OSC						
11 am to 12 n		/										pH	Ser. No. 6948	72247					
12 n to 1 pm											Change	Filtercake 3/32	Slope Test @						
1 pm to 2 pm		/										Number Reg. Men 4	Extra Men	Man Hrs. 32					
2 pm to 3 pm		3/4										Hole Made	Depth at End Tour						
3 pm to 4 pm		/										Driller: D. Parker							
4 pm to 5 pm		/										Mud Wt. 11	Bit Run No. 9	Bit Size 6 1/2	Bit Type OSC				
5 pm to 6 pm		/										Viscosity 43	Bit Size 6 1/2	Bit Type OSC					
6 pm to 7 pm		/										Water Loss 9.4	Bit Type OSC						
7 pm to 8 pm		/										pH	Ser. No. 72247						
8 pm to 9 pm		3/4									Service	Filtercake 3/32	Slope Test @						
9 pm to 10 pm		/										Number Reg. Men 4	Extra Men	Man Hrs. 32					
10 pm to 11 pm		/										Hole Made	Depth at End Tour						
11 pm to 12 m		/										Driller: D. Parker							
Totals											GRAND TOTAL:	Hours	Approved: <u>Imbert</u>	Dist. Supt.	Signed: <u>M. F. ...</u>				

DAILY DRILLING REPORT

Field LONE MOUNTAIN WILKIE Lease B.A.F.H.R. LONE MOUNTAIN Well No. 1 Date AUG 1/53
 District WESTERN CANADA Prov. N.W.T. Contractor Petrol LTD.
 Type rig: ☒ Rotary ☐ Cable Fuel Used: ☐ Gas ☒ Diesel ☐ L.P.G. ☐ Other
 Last Casing: _____ Elevation: _____ Depths Below _____ Steel Line Measurement: _____
 Size: 7" _____ G.L. _____ Are From: _____ Former Depth _____
 Set at 474' K.B. _____ K.B. _____ ☒ K.B. ☐ G.L. _____ Corrected Depth _____

Operations (See Instructions)	Trip with D.P.	Drilling	Reaming	Coring	Run Elect Log	Run D.S.T.	Circ. for Samples	Wait on Orders	Repairing Rig	Other Operations	DRILLER'S REMARKS	DRILLER'S DATA	FORMATION OR CORE RECORD	
12 m to 1 am												Mud Wt. 10.5 Bit Run No. 7	Depth 1919	
1 am to 2 am												Viscosity 4.5 Bit Size 6 1/8		
2 am to 3 am												Water Loss 8.8 Bit Type OSC		
3 am to 4 am												pH Ser. No. 68908		
4 am to 5 am												Filtercake 2 1/2 Slope Test *@		
5 am to 6 am												Number Reg. Men 4 Extra Men Man Hrs. 32		
6 am to 7 am												Hole Made 93 Depth at End Tour 1757		
7 am to 8 am												Driller: L.M. Goez		
8 am to 9 am												Mud Wt. 10.8 Bit Run No. 7		
9 am to 10 am												Viscosity 40 Bit Size 6 1/8		
10 am to 11 am												Water Loss 10 Bit Type OSC		
11 am to 12 n												pH Ser. No. 68908		
12 n to 1 pm												Filtercake 2 1/2 Slope Test *@		
1 pm to 2 pm												Number Reg. Men 4 Extra Men Man Hrs. 32		
2 pm to 3 pm												Hole Made 90 Depth at End Tour 1847		
3 pm to 4 pm	1/2	1/2										Driller: D. PARKER		
4 pm to 5 pm	1											Mud Wt. 10.8 Bit Run No. 8		
5 pm to 6 pm	1											Viscosity 4.5 Bit Size 6 1/8		
6 pm to 7 pm		1										Water Loss Bit Type OSC		
7 pm to 8 pm		1										pH Ser. No. 69548		
8 pm to 9 pm		3/4							1/4		Service rig	Filtercake Slope Test *@		
9 pm to 10 pm		1										Number Reg. Men 4 Extra Men Man Hrs. 32		
10 pm to 11 pm												Hole Made 72 Depth at End Tour 1919		
11 pm to 12 m		1										Driller: D. PARKER		
Totals											GRAND TOTAL:	Hours	Approved: <u>L. J. [Signature]</u>	Dist. Supt. Signed: <u>H. [Signature]</u>

DAILY DRILLING REPORT

Field LONG MT. WILDCAT Lease B.A.F.H.B. LONG MOUNTAINS Well No. 1 Date JULY 31 / 53
 District WESTERN CANADA Prov. N.W.T. Contractor Petrol LTD.
 Type rig: ☒ Rotary ☐ Cable Fuel Used: ☐ Gas ☒ Diesel ☐ L.P.G. ☐ Other
 Last Casing: _____ Elevation: _____ Depths Below _____
 Size: 7" _____ G.L. _____ Are From: _____
 Set at 474' K.B. _____ K.B. _____ ☒ K.B. ☐ G.L. _____
 Drill Pipe Size 3 1/2"
 Steel Line Measurement: _____
 Former Depth: _____
 Corrected Depth: _____

Operations (See Instructions)	Trip with D.P.	Drilling	Reaming	Coring	Run Elect. Log	Run D.S.T.	Circ. for Samples	Wait on Orders	Repairing Rig	Other Operations	DRILLER'S REMARKS	DRILLER'S DATA			FORMATION OR CORE RECORD		
												Mud Wt.	Bit Run No.	Depth	Recovery	Formation	
12 m to 1 am		/										Mud Wt. 10.5	Bit Run No.	From	To	Recovery	Formation
1 am to 2 am		/										Viscosity 4.5	Bit Size				
2 am to 3 am		/										Water Loss 9.4	Bit Type				
3 am to 4 am		/										pH	Ser. No.				
4 am to 5 am		/										Filtercake 2 1/2	Slope Test	@			
5 am to 6 am		/										Number Reg. Men 4	Extra Men	Man Hrs. 32			
6 am to 7 am		/										Hole Made 100	Depth at End Tour	1487			
7 am to 8 am		/										Driller: L.M. Goertz					
8 am to 9 am		3/4									1/4 Service R. 9	Mud Wt. 10.4	Bit Run No.				
9 am to 10 am		/										Viscosity 4.1	Bit Size				
10 am to 11 am		/										Water Loss 10	Bit Type				
11 am to 12 n		/										pH	Ser. No.				
12 n to 1 pm		/										Filtercake 2 1/2	Slope Test	@			
1 pm to 2 pm		/										Number Reg. Men 4	Extra Men	Man Hrs. 32			
2 pm to 3 pm		/										Hole Made 107	Depth at End Tour	1595			
3 pm to 4 pm		/										Driller: D. PARKER					
4 pm to 5 pm		/										Mud Wt. 10.5	Bit Run No.				
5 pm to 6 pm		/										Viscosity 4.4	Bit Size				
6 pm to 7 pm		/										Water Loss	Bit Type				
7 pm to 8 pm		/										pH	Ser. No.				
8 pm to 9 pm		3/4									1/4 Service R. 9	Filtercake	Slope Test	@			
9 pm to 10 pm		1/4 3/4										Number Reg. Men 4	Extra Men	Man Hrs. 32			
10 pm to 11 pm												Hole Made 69	Depth at End Tour	1664			
11 pm to 12 m												Driller: D. Parker					
Totals												GRAND TOTAL:	Hours	Approved: <u>L. M. Goertz</u>	Dist. Supt.	Signed: <u>M. F. ...</u>	

DAILY DRILLING REPORT

Field Long Mountain Well Lease B.P. H.B. Long Mountain Well No. 1 Date July 30/53
 District WESTERN CANADA Prov. N.W.T. Contractor Petrol Ltd.
 Type rig: ☒ Rotary ☐ Cable Fuel Used: ☐ Gas ☒ Diesel ☐ L.P.G. ☐ Other
 Last Casing: _____ Elevation: _____ Depths Below _____
 Size: 7" _____ G.L. _____ Are From: _____
 Set at 474' K.B. _____ K.B. _____ ☐ K.B. ☐ G.L. _____
 Drill Pipe Size 3 1/2"
 Steel Line Measurement: _____
 Former Depth: _____
 Corrected Depth: _____

Operations (See Instructions)	Trip with D.P.	Drilling	Reaming	Coring	Run Elect. Log	Run D.S.T.	Circ. for Samples	Wait on Orders	Repairing Rig	Other Operations	DRILLER'S REMARKS	DRILLER'S DATA			FORMATION OR CORE RECORD		
												Mud Wt.	Bit Run No.	Bit Size	Depth From	Recovery	Formation
12 m to 1 am		1										Mud Wt. 10.3	Bit Run No. 4	Bit Size 6 1/8	Depth From	Recovery	Formation
1 am to 2 am		1										Viscosity 45	Bit Size 6 1/8	Bit Type OSC			
2 am to 3 am		1										Water Loss 8.6	Bit Type OSC				
3 am to 4 am	3/4										1/4 Circulate	pH	Ser. No. 69556	69295			
4 am to 5 am	3/4	1/4										Filtercake 3/32	Slope Test	@			
5 am to 6 am		1										Number Reg. Men 4	Extra Men	Man Hrs. 32			
6 am to 7 am		1										Hole Made 92	Depth at End Tour	1212			
7 am to 8 am		1										Driller: L.M. Goetz					
8 am to 9 am											1 Service rig	Mud Wt. 10.0	Bit Run No. 4	Bit Size 6 1/8			
9 am to 10 am		1										Viscosity 43	Bit Size 6 1/8	Bit Type OSC			
10 am to 11 am		1										Water Loss 9	Bit Type OSC				
11 am to 12 n		1										pH	Ser. No. 69295				
12 n to 1 pm		1										Filtercake 3/32	Slope Test	@			
1 pm to 2 pm		1										Number Reg. Men 4	Extra Men	Man Hrs. 32			
2 pm to 3 pm		1										Hole Made 103	Depth at End Tour	1315			
3 pm to 4 pm		1										Driller: J. PARKER					
4 pm to 5 pm		1										Mud Wt.	Bit Run No. 5	6			
5 pm to 6 pm		1										Viscosity	Bit Size 6 1/8	6 1/8			
6 pm to 7 pm		1										Water Loss	Bit Type OSC	OSC			
7 pm to 8 pm		1										pH	Ser. No. 69295	68878			
8 pm to 9 pm	3/4										1/4 Service rig	Filtercake	Slope Test	@			
9 pm to 10 pm	3/4										1/4 Circulate & trip	Number Reg. Men 4	Extra Men	Man Hrs. 32			
10 pm to 11 pm	1											Hole Made 72	Depth at End Tour	1387			
11 pm to 12 m	1/2	1/2										Driller: J.D. Parker					
Totals												GRAND TOTAL:	Hours	Approved: <u>L. J. Parker</u>	Dist. Supt.	Signed: <u>H. J. Parker</u>	

DAILY DRILLING REPORT

Field LONG MOUNTAIN WILDCAT Lease B.R.E.H.B. LONG MOUNTAIN Well No. 1 Date July 29/53
 District WESTERN CANADA Prov. N.W.T. Contractor Petrol LTD.
 Type rig: ☒ Rotary ☐ Cable Fuel Used: ☐ Gas ☐ Diesel ☐ L.P.G. ☐ Other
 Last Casing: _____ Elevation: _____ Depths Below _____
 Size: 2" _____ G.L. _____ Are From: _____
 Set at 474' K.B. _____ K.B. _____ ☐ K.B. ☐ G.L. _____
 Drill Pipe Size 3 1/2"
 Steel Line Measurement: _____
 Former Depth: _____
 Corrected Depth: _____

Operations (See Instructions)	Trip with D.P.	Drilling	Reaming	Coring	Run Elect. Log	Run D.S.T.	Circ. for Samples	Wait on Orders	Repairing Rig	Other Operations	DRILLER'S REMARKS	DRILLER'S DATA		FORMATION OR CORE RECORD		
												Mud Wt.	Bit Run No.	Depth From	Recovery To	Formation
12 m to 1 am		1										Mud Wt. 9.2	Bit Run No. 3	Depth From	Recovery To	Formation
1 am to 2 am		1/4								3/4	Mix mud.	Viscosity 43	Bit Size 6 1/8			
2 am to 3 am		1										Water Loss 11.6	Bit Type OSC			
3 am to 4 am		1										pH	Ser. No. 72686			
4 am to 5 am		1										Filtercake 3/32	Slope Test @			
5 am to 6 am		1										Number Reg. Men 4	Extra Men Man Hrs. 32			
6 am to 7 am		1										Hole Made 115'	Depth at End Tour			
7 am to 8 am	1/2	1/2										Driller: L. M. Goertz				
8 am to 9 am	1											Mud Wt. 9.4	Bit Run No. 4			Add 50" 2nd
9 am to 10 am		1										Viscosity 45	Bit Size 6 1/8			25" Causalic
10 am to 11 am		1										Water Loss 10.8	Bit Type OSC			
11 am to 12 n		1										pH	Ser. No. 69556			
12 n to 1 pm		1										Filtercake 3/32	Slope Test @			
1 pm to 2 pm		1										Number Reg. Men 4	Extra Men Man Hrs. 32			
2 pm to 3 pm		1										Hole Made 190	Depth at End Tour 1000			Drilled 6 1/8" hole to 1120' shale & siltstone
3 pm to 4 pm		1										Driller: D. Parker				
4 pm to 5 pm		1										Mud Wt. 10.3	Bit Run No. 4			
5 pm to 6 pm		1										Viscosity 45	Bit Size 6 1/8			
6 pm to 7 pm		1										Water Loss 9.2	Bit Type OSC			
7 pm to 8 pm		1										pH	Ser. No. 69556			
8 pm to 9 pm	3/4									1/4	Service rig.	Filtercake 3/32	Slope Test @			
9 pm to 10 pm	1											Number Reg. Men 4	Extra Men Man Hrs. 32			
10 pm to 11 pm	1											Hole Made 120	Depth at End Tour 1120			
11 pm to 12 m	1											Driller: D. Parker				
Totals											GRAND TOTAL:	Hours	Approved: <u>L. M. Goertz</u>	Dist. Supt.	Signed: <u>M. Luckwicht</u>	

DAILY DRILLING REPORT

Field Long Mountain Wildcat Lease B.A.F. H.B. Long Mountain Well No. 1 Date Aug 4, 53
 District WESTERN CANADA Prov. N.W.T. Contractor Petrol LTD.
 Type rig: ☒ Rotary ☐ Cable Fuel Used: ☐ Gas ☒ Diesel ☐ L.P.G. ☐ Other
 Last Casing: _____ Elevation: _____ Depths Below _____
 Size: 7" _____ G.L. _____ Are From: _____
 Set at 474' K.B. _____ K.B. _____ ☐ K.B. ☐ G.L. _____
 Drill Pipe Size 3 1/2"
 Steel Line Measurement: _____
 Former Depth: _____
 Corrected Depth: _____

Operations (See Instructions)	Trip with D.P.	Drilling	Reaming	Coring	Run Elect. Log	Run D.S.T.	Circ. for Samples	Wait on Orders	Repairing Rig	Other Operations	DRILLER'S REMARKS	DRILLER'S DATA				FORMATION OR CORE RECORD											
												Mud Wt.	Bit Run No.	Viscosity	Bit Size	Water Loss	Bit Type	pH	Ser. No.	Filtercake	Slope Test	Number Reg. Men	Extra Men	Man Hrs.	Hole Made	Depth at End Tour	Driller:
12 m to 1 am		/										Mud Wt. 11.2	Bit Run No. 40	Viscosity 45	Bit Size 6 1/8	Water Loss 10	Bit Type 6SC	pH	Ser. No. 71983	Filtercake 3/32	Slope Test @	Number Reg. Men 4	Extra Men	Man Hrs. 32	Hole Made 35	Depth at End Tour 2344	Driller: L.M. Gierz
1 am to 2 am		/																									
2 am to 3 am		/																									
3 am to 4 am		/																									
4 am to 5 am		/																									
5 am to 6 am		3/4									1/4 Circ. Trip																
6 am to 7 am	/																										
7 am to 8 am	1/2										1/2 Tighten rig clutch																
8 am to 9 am	/											Mud Wt. 11	Bit Run No. 11	Viscosity 45	Bit Size 6 1/8	Water Loss 10	Bit Type 6SC	pH 10	Ser. No. 70537	Filtercake 3/32	Slope Test @	Number Reg. Men 4	Extra Men	Man Hrs. 32	Hole Made	Depth at End Tour	Driller: D. PARRER
9 am to 10 am	1/2	1/2																									
10 am to 11 am	/																										
11 am to 12 n	/																										
12 n to 1 pm	/																										
1 pm to 2 pm	/																										
2 pm to 3 pm	/																										
3 pm to 4 pm	/																										
4 pm to 5 pm	/											Mud Wt. 11.2	Bit Run No. 11	Viscosity 47	Bit Size 6 1/8	Water Loss	Bit Type 6SC	pH	Ser. No. 70537	Filtercake	Slope Test @	Number Reg. Men	Extra Men	Man Hrs. 32	Hole Made 53	Depth at End Tour	Driller: D. PARRER
5 pm to 6 pm	/																										
6 pm to 7 pm	/																										
7 pm to 8 pm	/																										
8 pm to 9 pm	3/4										1/4 Service Rig																
9 pm to 10 pm	/																										
10 pm to 11 pm	/																										
11 pm to 12 m	/																										
Totals																											

GRAND TOTAL:

Hours

Approved:

Dist. Supt.

Signed:

DAILY DRILLING REPORT

Field LOVE MOUNTAIN WILDCAT Lease B.D. 5 H.A. LOVE MOUNTAIN Well No. 1 Date Aug 5, 53District WESTERN CANADA Prov. N.W.T. Contractor Petrol LTD.Type rig: ☐ Rotary ☐ CableFuel Used: ☐ Gas ☐ Diesel ☐ L.P.G. ☐ OtherDrill Pipe Size 3 1/2"

Last Casing:

Elevation:

Depths Below

Steel Line Measurement:

Size: 7"

G.L.

Are From:

Former Depth

Set at 474' K.B.

K.B.

☐ K.B. ☐ G.L.

Corrected Depth

DRILLER'S REMARKS

DRILLER'S DATA

FORMATION OR CORE RECORD

12 m to 1 am	1/2		1/2	Cond mud vis 100	Mud Wt. 10.9	Bit Run No. 11	Depth From To	Recovery	Formation
1 am to 2 am			1	Circ sample 20 ft	Viscosity 48	Bit Size 6 1/2			
2 am to 3 am			1	Mud mud	Water Loss 10.4	Bit Type 05C			
3 am to 4 am	1				pH	Ser. No. 70557			
4 am to 5 am	1				Filtercake 2/32	Slope Test 0@			
5 am to 6 am	1				Number Reg. Men 4	Extra Men Man Hrs. 32			
6 am to 7 am	3/4		1/4	Circ trip	Hole Made 23	Depth at End Tour 2470			Mixed 10 Sacks gel 30 lbs Queb.
7 am to 8 am	1				Driller: L.M. Goertz				
8 am to 9 am	1				Mud Wt. 10.8	Bit Run No. 12			
9 am to 10 am	1/2	1/2			Viscosity 44	Bit Size 6 1/2			
10 am to 11 am	1				Water Loss 10	Bit Type 05C			
11 am to 12 n	1				pH	Ser. No. 74876			
12 n to 1 pm	1				Filtercake 2/32	Slope Test 0@			
1 pm to 2 pm	1				Number Reg. Men 4	Extra Men Man Hrs. 32			
2 pm to 3 pm	1				Hole Made 65	Depth at End Tour 2525			
3 pm to 4 pm	1				Driller: D. Parker				
4 pm to 5 pm	1				Mud Wt. 10.8	Bit Run No. 12			
5 pm to 6 pm	1				Viscosity 45	Bit Size 6 1/2			
6 pm to 7 pm	1				Water Loss 10	Bit Type 05C			
7 pm to 8 pm	1				pH	Ser. No. 74876			
8 pm to 9 pm	3/4		1/4	Service R.g.	Filtercake 2/32	Slope Test 0@			
9 pm to 10 pm	1				Number Reg. Men 4	Extra Men Man Hrs. 32			
10 pm to 11 pm	1				Hole Made 68	Depth at End Tour 2603			
11 pm to 12 m	1				Driller: D. Parker				
Totals				GRAND TOTAL:	Hours	Approved:	Dist. Supt.	Signed:	

DAILY DRILLING REPORT

Field LONE MOUNTAIN Wildcat Lease B.A.C.H.B. LONE MOUNTAIN Well No. 1 Date Aug 6, 53
 District WESTERN CANADA Prov. N.W.T. Contractor Petrol LTD.
 Type rig: ☐ Rotary ☐ Cable Fuel Used: ☐ Gas ☐ Diesel ☐ L.P.G. ☐ Other
 Last Casing: _____ Elevation: _____ Depths Below _____
 Size: 7" G.L. Are From: _____
 Set at 474' K.B. 375' ± 20' K.B. ☐ K.B. ☐ G.L. Drill Pipe Size 3 1/2"
 Steel Line Measurement: _____
 Former Depth: _____
 Corrected Depth: _____

Operations (See Instructions)	Trip with D.P.	Drilling	Reaming	Coring	Run Elect. Log	Run D.S.T.	Circ. for Samples	Wait on Orders	Repairing Rig	Other Operations	DRILLER'S REMARKS	DRILLER'S DATA		FORMATION OR CORE RECORD			
												Mud Wt.	Bit Run No.	Depth From	Depth To	Recovery	Formation
12 m to 1 am		1										Mud Wt. 10.9	Bit Run No. 112				
1 am to 2 am		1										Viscosity 44	Bit Size 6 1/8				
2 am to 3 am		1/2									Mixed mud & jet pit	Water Loss 9.4	Bit Type OSC				
3 am to 4 am		1										pH	Ser. No. 74896				
4 am to 5 am		1										Filtercake 2/32	Slope Test *@				
5 am to 6 am		3/4									Circ. Trip	Number Reg. Men 4	Extra Men	Man Hrs. 32			
6 am to 7 am		1										Hole Made 32	Depth at End Tour 2-335				
7 am to 8 am		3/4									Work on Rotary Chain	Driller: L.M. Goetz				2 sacks gel	
8 am to 9 am		1										Mud Wt. 10.8	Bit Run No. 13			50 lbs	Queb.
9 am to 10 am		1										Viscosity 42	Bit Size 6 1/8				
10 am to 11 am		1/2	1/2									Water Loss 10.4	Bit Type CWS				
11 am to 12 n		1										pH	Ser. No. 71958				
12 n to 1 pm		1										Filtercake 2/32	Slope Test *@	COMPANY REPRESENTATIVE'S SUMMARY			
1 pm to 2 pm		1										Number Reg. Men 4	Extra Men	Man Hrs. 32	Drilled 6 1/2" hole to 2714'		
2 pm to 3 pm		1									Hole Made 40	Depth at End Tour 2675					
3 pm to 4 pm		1									Driller: D. Parker						
4 pm to 5 pm		1									Mud Wt. 11.1	Bit Run No.					
5 pm to 6 pm		1										Viscosity 44	Bit Size				
6 pm to 7 pm		1										Water Loss 10.6	Bit Type				
7 pm to 8 pm		1										pH	Ser. No.				
8 pm to 9 pm		3/4									Service Pig	Filtercake 2/32	Slope Test *@				
9 pm to 10 pm		1										Number Reg. Men 4	Extra Men	Man Hrs. 32			
10 pm to 11 pm		1										Hole Made 39	Depth at End Tour 2714				
11 pm to 12 m		1										Driller: L.M. Goetz					
Totals											GRAND TOTAL:	Hours	Approved:	Dist. Supt.	Signed:		

THE BRITISH-AMERICAN OIL COMPANY LTD.

DAILY DRILLING REPORT

Field LONG MOUNTAIN Wildcat Lease Loc. B.P.C.H.B. LONG MOUNTAIN Well No. 1 Date Aug 7, 53
 District WESTERN CANADA Prov. N.W.T. Contractor Petrol LTD.
 Type rig: ☒ Rotary ☐ Cable Fuel Used: ☐ Gas ☐ Diesel ☐ L.P.G. ☐ Other
 Last Casing: _____ Elevation: _____ Depths Below _____
 Size: 7" _____ G.L. _____ Are From: _____
 Set at 479' K.B. _____ K.B. _____ ☐ K.B. ☐ G.L. _____
 Drill Pipe Size 3 1/2"
 Steel Line Measurement: _____
 Former Depth: _____
 Corrected Depth: _____

Operations (See Instructions)	Trip with D.P.	Drilling	Reaming	Coring	Run Elect. Log	Run D.S.T.	Circ. for Samples	Wait on Orders	Repairing Rig	Other Operations	DRILLER'S REMARKS	DRILLER'S DATA				FORMATION OR CORE RECORD										
												Mud Wt.	Bit Run No.	Viscosity	Bit Size	Water Loss	Bit Type	pH	Slope Test	Number Reg. Men	Extra Men	Man Hrs.	Depth at End Tour	Driller	Formation	
12 m to 1 am		1										Mud Wt. 11.1	Bit Run No. 13	Viscosity 44	Bit Size 6 5/8	Water Loss 10.6	Bit Type OWS	pH	Slope Test 71858	Number Reg. Men 4	Extra Men	Man Hrs. 32	Depth at End Tour 2740	Driller: L. M. GIERZ	Mixed	2 sacks G.O.
1 am to 2 am		1/2									1/2 Mix mud & jet pit															
2 am to 3 am		1																								
3 am to 4 am		1																								
4 am to 5 am		1																								
5 am to 6 am		1																								
6 am to 7 am	3/4										1/4 Circ															
7 am to 8 am	1																									
8 am to 9 am	1																									
9 am to 10 am	1																									
10 am to 11 am		1																								
11 am to 12 n		1																								
12 n to 1 pm		1																								
1 pm to 2 pm		1																								
2 pm to 3 pm		1																								
3 pm to 4 pm		1																								
4 pm to 5 pm		1																								
5 pm to 6 pm		1																								
6 pm to 7 pm		1																								
7 pm to 8 pm		1																								
8 pm to 9 pm	3/4										1/4 Service Rig															
9 pm to 10 pm	1																									
10 pm to 11 pm	1																									
11 pm to 12 m	1																									
Totals																										

GRAND TOTAL:

Hours

Approved:

Dist. Supt.

Signed:

DAILY DRILLING REPORT

Field LONE MOUNTAIN WILDCAT Lease B.A.E.H.B. Lone Mountain #1 Well No. 1 Date Aug 8, 53
 District WESTERN CANADA Prov. N.W.T. Contractor Petrol LTD
 Type rig: ☒ Rotary ☐ Cable Fuel Used: ☐ Gas ☒ Diesel ☐ L.P.G. ☐ Other
 Last Casing: _____ Elevation: _____ Depths Below _____
 Size: 7" G.L. Are From: _____
 Set at 474' K.B. 375±' K.B. ☐ K.B. ☐ G.L.
 Drill Pipe Size 3 1/2"
 Steel Line Measurement: _____
 Former Depth 2903'
 Corrected Depth 2905'

Operations (See Instructions)	Trip with D.P.	Drilling	Reaming	Coring	Run Elect. Log	Run D.S.T.	Circ. for Samples	Wait on Orders	Repairing Rig	Other Operations	DRILLER'S REMARKS	DRILLER'S DATA	FORMATION OR CORE RECORD		
12 m to 1 am		1										Mud Wt. 11.1 Viscosity 44 Water Loss 9.8 pH	Bit Run No. 14 Bit Size 6 1/8 Bit Type OSC Ser. No. 74882	From _____ To _____ Recovery _____ Formation _____	
1 am to 2 am		1/4								3/4	Mix mud & ref p.f.	Filtercake 2/32 Number Reg. Men 4 Hole Made 30	Extra Men _____ Man Hrs. 32 Depth at End Tour 2870'		
2 am to 3 am		1													
3 am to 4 am		1													
4 am to 5 am		1													
5 am to 6 am		1													
6 am to 7 am	3/4									1/4	Circ. Trip	Driller: L.M. Green	Depth at End Tour 2870'	Mixed 2 sacks gel 30" CAUS.	
7 am to 8 am	1														
8 am to 9 am	1														
9 am to 10 am	1														
10 am to 11 am										1	Circ.	Mud Wt. 11.1 Viscosity 43 Water Loss 9.4 pH	Bit Run No. 15 Bit Size 6 1/8 Bit Type OSC Ser. No. 74875		
11 am to 12 n		1/2								1/2		Filtercake 2/32 Number Reg. Men 4 Hole Made 30	Extra Men _____ Man Hrs. 32 Depth at End Tour 2900'		
12 n to 1 pm		1													
1 pm to 2 pm		1													
2 pm to 3 pm		1													
3 pm to 4 pm		1													
4 pm to 5 pm		1/2								1/2		Driller: D. Parker	Depth at End Tour 2900'		
5 pm to 6 pm										1	Circ. & condition hole	Mud Wt. _____ Viscosity _____ Water Loss _____ pH _____	Bit Run No. 15 Bit Size 6 1/8 Bit Type OSC Ser. No. 74875		
6 pm to 7 pm										1	f mud	Filtercake _____ Number Reg. Men 4 Hole Made 30	Extra Men _____ Man Hrs. 32 Depth at End Tour 2903'		
7 pm to 8 pm		1/2								1/2					
8 pm to 9 pm		1													
9 pm to 10 pm		1													
10 pm to 11 pm		1													
11 pm to 12 m		1									Running elect. log.	Driller: L.M. Green	Depth at End Tour 2903'		
Totals											GRAND TOTAL:	Hours _____	Approved: _____	Dist. Supt. _____	Signed: <u>W. R. Parker</u>

DAILY DRILLING REPORT

Field LONE Mountain Wildcat Lease B.A.O.C. Lone Mountain Well No. 1 Date Aug 9, 53
 District Western Canada Prov. Al. W. T. Contractor Petrol. LTD.
 Type rig: ☒ Rotary ☐ Cable Fuel Used: ☐ Gas ☒ Diesel ☐ L.P.G. ☐ Other
 Last Casing: _____ Elevation: _____ Depths Below _____
 Size: 7" G.L. Are From: _____
 Set at 474' K.B. 375' K.B. ☐ K.B. ☐ G.L. _____
 Drill Pipe Size 3 1/2"
 Steel Line Measurement: _____
 Former Depth: _____
 Corrected Depth: _____

Operations (See Instructions)	Trip with D.P.	Drilling	Reaming	Coring	Run Elect. Log	Run D.S.T.	Circ. for Samples	Wait on Orders	Repairing Rig	Other Operations	DRILLER'S REMARKS	DRILLER'S DATA			FORMATION OR CORE RECORD		
												Mud Wt.	Bit Run No.	Depth	Recovery	Formation	
12 m to 1 am					1												
1 am to 2 am					1												
2 am to 3 am	1																
3 am to 4 am	1																
4 am to 5 am										1	Running up to run plug #1	Filtercake	Slope Test				
5 am to 6 am										1	Spotted bottom plug	Number Reg. Men	Extra Men	Man Hrs.			
6 am to 7 am	1										Pulled out to run plug #1	Hole Made	Depth at End Tour				
7 am to 8 am	1										#1	Driller: L. M. Goss					
8 am to 9 am	1										"	Mud Wt.	Bit Run No.				
9 am to 10 am										1	Ran 30 Bags of cement	Viscosity	Bit Size				
10 am to 11 am										1	Plug #1 6' 2"	Water Loss	Bit Type				
11 am to 12 n										1	Cleaning up drifter	pH	Ser. No.				
12 n to 1 pm										1	R. g. 5' water to feed for	Filtercake	Slope Test				
1 pm to 2 pm										1	plug #2	Number Reg. Men	Extra Men	Man Hrs.			
2 pm to 3 pm										1		Hole Made	Depth at End Tour				
3 pm to 4 pm										1		Driller: D. Parker					
4 pm to 5 pm										1		Mud Wt.	Bit Run No.				
5 pm to 6 pm										1	Felt for plug #2	Viscosity	Bit Size				
6 pm to 7 pm										1		Water Loss	Bit Type				
7 pm to 8 pm										1	R. g. 10' at 6:00 P.M.	pH	Ser. No.				
8 pm to 9 pm												Filtercake	Slope Test				
9 pm to 10 pm											W. O. Daylight to	Number Reg. Men	Extra Men	Man Hrs.			
10 pm to 11 pm											tear down	Hole Made	Depth at End Tour				
11 pm to 12 m												Driller: D. Parker					
Totals											GRAND TOTAL:	Hours	Approved:	Dist. Supt.	Signed:		

DAILY DRILLING REPORT

Field Lower Mt. Wilkes Lease Lower Mountain #1 Well No. 1 Date July 21
 District Western Canada Prov. N.W.T. Contractor Petrol Ltd.
 Type rig: ☐ Rotary ☐ Cable Fuel Used: ☐ Gas ☐ Diesel ☐ L.P.G. ☐ Other
 Last Casing: _____ Elevation: _____ Depths Below _____
 Size: _____ G.L. Are From: _____
 Set at _____ K.B. _____ K.B. ☐ K.B. ☐ G.L. Drill Pipe Size _____
 Steel Line Measurement: _____
 Former Depth _____
 Corrected Depth _____

Operations (See Instructions)	Trip with D.P.	Drilling	Reaming	Coring	Run Elect. Log	Run D.S.T.	Circ. for Samples	Wait on Orders	Repairing Rig	Other Operations	DRILLER'S REMARKS	DRILLER'S DATA			FORMATION OR CORE RECORD			
												Mud Wt.	Bit Run No.	Depth From	Depth To	Recovery	Formation	
12 m to 1 am											1 Camp & all landing							
1 am to 2 am											1 Craft moving to	Viscosity	Bit Size					
2 am to 3 am											1 Lower Mountain	Water Loss	Bit Type					
3 am to 4 am											1	pH	Ser. No.					
4 am to 5 am											1	Filtercake	Slope Test					
5 am to 6 am											1	Number Reg. Men	Extra Men	Man Hrs.				
6 am to 7 am											1	Hole Made	Depth at End Tour					
7 am to 8 am											1	Driller:						
8 am to 9 am											1	Mud Wt.	Bit Run No.					
9 am to 10 am											1	Viscosity	Bit Size					
10 am to 11 am											1	Water Loss	Bit Type					
11 am to 12 n											1	pH	Ser. No.					
12 n to 1 pm											1	Filtercake	Slope Test					
1 pm to 2 pm											1	Number Reg. Men	Extra Men	Man Hrs.				
2 pm to 3 pm											1	Hole Made	Depth at End Tour					
3 pm to 4 pm											1	Driller:						
4 pm to 5 pm											1	Mud Wt.	Bit Run No.					
5 pm to 6 pm											1	Viscosity	Bit Size					
6 pm to 7 pm											1	Water Loss	Bit Type					
7 pm to 8 pm											1	pH	Ser. No.					
8 pm to 9 pm											1	Filtercake	Slope Test					
9 pm to 10 pm											1	Number Reg. Men	Extra Men	Man Hrs.				
10 pm to 11 pm											1	Hole Made	Depth at End Tour					
11 pm to 12 m											1	Driller:						
Total												GRAND TOTAL:			Hours	Approved: <u>Tom Bennett</u>	Dist. Supt.	Signed: <u>H. Ludwick</u>

DAILY DRILLING REPORT

Field Long Mt. Hillcrest Lease Long Mountain Well No. 1 Date July 22
 District Western Canada Prov. Alberta Contractor Petrol Ltd.
 Type rig: ☐ Rotary ☐ Cable Fuel Used: ☐ Gas ☐ Diesel ☐ L.P.G. ☐ Other
 Last Casing: _____ Elevation: _____ Depths Below _____
 Size: _____ G.L. Are From: _____
 Set at _____ K.B. _____ K.B. ☐ K.B. ☐ G.L.
 Drill Pipe Size _____
 Steel Line Measurement: _____
 Former Depth _____
 Corrected Depth _____

Operations (See Instructions)	Trip with D.P.	Drilling	Reaming	Coring	Run Elect. Log	Run D.S.T.	Circ. for Samples	Wait on Orders	Repairing Rig	Other Operations	DRILLER'S REMARKS	DRILLER'S DATA		FORMATION OR CORE RECORD			
												Mud Wt.	Bit Run No.	Depth From	Depth To	Recovery	Formation
12 m to 1 am												Mud Wt.	Bit Run No.	From	To	Recovery	Formation
1 am to 2 am												Viscosity	Bit Size				
2 am to 3 am												Water Loss	Bit Type				
3 am to 4 am												pH	Ser. No.				
4 am to 5 am												Filtercake	Slope Test	@			
5 am to 6 am												Number Reg. Men	Extra Men	Man Hrs.			
6 am to 7 am												Hole Made	Depth at End Tour				
7 am to 8 am												Driller:					
8 am to 9 am										/		Mud Wt.	Bit Run No.				
9 am to 10 am										/		Viscosity	Bit Size				
10 am to 11 am										/		Water Loss	Bit Type				
11 am to 12 n										/		pH	Ser. No.				
12 n to 1 pm										/		Filtercake	Slope Test	@			
1 pm to 2 pm										/		Number Reg. Men	Extra Men	Man Hrs.			
2 pm to 3 pm										/		Hole Made	Depth at End Tour				
3 pm to 4 pm										/		Driller:					
4 pm to 5 pm										/		Mud Wt.	Bit Run No.				
5 pm to 6 pm										/		Viscosity	Bit Size				
6 pm to 7 pm												Water Loss	Bit Type				
7 pm to 8 pm												pH	Ser. No.				
8 pm to 9 pm												Filtercake	Slope Test	@			
9 pm to 10 pm												Number Reg. Men	Extra Men	Man Hrs.			
10 pm to 11 pm												Hole Made	Depth at End Tour				
11 pm to 12 m												Driller:					
Totals											GRAND TOTAL:	Hours	Approved: <u>T. H. Russell</u>	Dist. Supt.	Signed: <u>T. L. Russell</u>		

THE BRITISH-AMERICAN OIL COMPANY LTD.

DAILY DRILLING REPORT

Field Lance Imp. Hill at Lease BA 44B Lone Mountain Well No. 1 Date July 23/53
 District Western Canada Prov. Alberta Contractor P. L. S. S.
 Type rig: ☐ Rotary ☐ Cable Fuel Used: ☐ Gas ☐ Diesel ☐ L.P.G. ☐ Other
 Last Casing: Elevation: Depths Below: Steel Line Measurement:
 Size: _____ GL. Are From:
 Set at _____ K.B. _____ K.B. ☐ K.B. ☐ GL. Corrected Depth: _____

Operations (See Instructions)	Trip with D.P.	Drilling	Reaming	Coring	Run Elect. Log	Run D.S.T.	Circ. for Samples	Wait on Orders	Repairing Rig	Other Operations	DRILLER'S REMARKS	DRILLER'S DATA			FORMATION OR CORE RECORD			
												Mud Wt.	Bit Run No.	Formation	From	To	Recovery	Formation
12 m to 1 am												Mud Wt.	Bit Run No.					
1 am to 2 am												Viscosity	Bit Size					
2 am to 3 am												Water Loss	Bit Type					
3 am to 4 am												pH	Ser. No.					
4 am to 5 am												Filtercake	Slope Test	@				
5 am to 6 am												Number Reg. Men	Extra Men	Man Hrs.				
6 am to 7 am												Hole Made	Depth at End Tour					
7 am to 8 am												Driller:						
8 am to 9 am												Mud Wt.	Bit Run No.					
9 am to 10 am												Viscosity	Bit Size					
10 am to 11 am												Water Loss	Bit Type					
11 am to 12 n												pH	Ser. No.					
12 n to 1 pm												Filtercake	Slope Test	@				
1 pm to 2 pm												Number Reg. Men	Extra Men	Man Hrs.				
2 pm to 3 pm												Hole Made	Depth at End Tour					
3 pm to 4 pm												Driller:						
4 pm to 5 pm												Mud Wt.	Bit Run No.					
5 pm to 6 pm												Viscosity	Bit Size					
6 pm to 7 pm												Water Loss	Bit Type					
7 pm to 8 pm												pH	Ser. No.					
8 pm to 9 pm												Filtercake	Slope Test	@				
9 pm to 10 pm												Number Reg. Men	Extra Men	Man Hrs.				
10 pm to 11 pm												Hole Made	Depth at End Tour					
11 pm to 12 m												Driller:						
Totals												GRAND TOTAL:	Hours	Approved:	Dist. Supt.	Signed:		

DAILY DRILLING REPORT

Field LONE MT Wild Cat Lease B.A. & H.B. LONE MOUNTAIN Well No. 1 Date July 24/53
 District WESTERN CANADA Prov. N.W.T. Contractor POT C&L LTD.

Type rig: ☐ Rotary ☐ CableFuel Used: ☐ Gas ☐ Diesel ☐ L.P.G. ☐ OtherDrill Pipe Size 3 1/2

Last Casing:

Elevation:

Depths Below

Steel Line Measurement:

Size:

G.L.

Are From:

Former Depth

Set at K.B.

K.B.

☐ K.B. ☐ G.L.

Corrected Depth

Operations (See Instructions)	Trip with D.P.	Drilling	Reaming	Coring	Run Elect. Log	Run DST.	Circ. for Samples	Wait on Orders	Repairing Rig	Other Operations	DRILLER'S REMARKS	DRILLER'S DATA			FORMATION OR CORE RECORD		
												Mud Wt.	Bit Run No.	Depth	Recovery	Formation	
12 m to 1 am																	
1 am to 2 am																	
2 am to 3 am																	
3 am to 4 am																	
4 am to 5 am																	
5 am to 6 am																	
6 am to 7 am																	
7 am to 8 am																	
8 am to 9 am										1							
9 am to 10 am										1							
10 am to 11 am										1							
11 am to 12 n										1							
12 n to 1 pm										1							
1 pm to 2 pm										1							
2 pm to 3 pm										1							
3 pm to 4 pm										1							
4 pm to 5 pm										1							
5 pm to 6 pm										1							
6 pm to 7 pm		1/2								1/2							
7 pm to 8 pm		1															
8 pm to 9 pm		3/4								1/4							
9 pm to 10 pm		1/2								3/4							
10 pm to 11 pm		1															
11 pm to 12 m		1/2	3/4														
Totals																	
GRAND TOTAL:											Hours	Approved:	Dist. Supt.	Signed:			

THE BRITISH-AMERICAN OIL COMPANY LTD.

DAILY DRILLING REPORT

Field LONG MOUNTAIN WILCOX Lease R.A.E.H.B. LONG MT #1 Well No. 1 Date July 25, '53District WESTERN CANADA Prov. N.W.T. Contractor Petrol Ltd.Type rig: ☒ Rotary ☐ CableFuel Used: ☐ Gas ☐ Diesel ☐ L.P.G. ☐ OtherDrill Pipe Size 3 1/2"

Last Casing:

Elevation:

Depths Below

Steel Line Measurement:

Size: _____

G.L.

Are From:

Former Depth: _____

Set at _____ K.B.

K.B.

☐ K.B. ☐ G.L.

Corrected Depth: _____

Operations (See Instructions)	Trip with D.P.	Drilling	Reaming	Coring	Run Elect. Log	Run D.S.T.	Circ. for Samples	Wait on Orders	Repairing Rig	Other Operations	DRILLER'S REMARKS	DRILLER'S DATA		FORMATION OR CORE RECORD		
												Mud Wt.	Bit Run No.	Depth From	Recovery	Formation
12 m to 1 am	1/4	1/2	1/4													
1 am to 2 am		1														
2 am to 3 am		1														
3 am to 4 am		1														
4 am to 5 am		1														
5 am to 6 am		3/4					1/4									
6 am to 7 am		1/2							1/2		Work on pump					
7 am to 8 am		1/2							1/2		"					
8 am to 9 am		3/4							1/4		W. o. Pump &					
9 am to 10 am		3/4							1/4		Service R. g.					
10 am to 11 am		1														
11 am to 12 n		1/2	1/2													
12 n to 1 pm			1													
1 pm to 2 pm			1													
2 pm to 3 pm		1														
3 pm to 4 pm		1/2							1/2		Circ					
4 pm to 5 pm		1														
5 pm to 6 pm		1/2							1/2							
6 pm to 7 pm									1							
7 pm to 8 pm									1		Circ. & waiting					
8 pm to 9 pm									1		for more csq from					
9 pm to 10 pm									1		Simpson					
10 pm to 11 pm									1							
11 pm to 12 m									1							
Totals											GRAND TOTAL:	Hours	Approved:	Dist. Supt.	Signed:	

DAILY DRILLING REPORT

Field LONE MT. Wild cat. Lease B.A.E.H.B. LONE MOUNTAIN Well No. 1 Date July 26/53
 District WESTERN CANADA Prov. A.L.W.T. Contractor Petrol Ltd
 Type rig: ☒ Rotary ☐ Cable Fuel Used: ☐ Gas ☐ Diesel ☐ L.P.G. ☐ Other
 Last Casing: Elevation: _____ Depths Below _____ Steel Line Measurement: _____
 Size: 2" GL. Former Depth: _____
 Set at 274' KB. _____ Corrected Depth: _____

Operations (See Instructions)	Trip with D.P.	Drilling	Reaming	Coring	Run Elect. Log	Run D.S.T.	Circ. for Samples	Wait on Orders	Repairing Rig	Other Operations	DRILLER'S REMARKS	DRILLER'S DATA	FORMATION OR CORE RECORD			
12 m to 1 am											W.O. Casing	Mud Wt.	Bit-Run No.	From To	Recovery	Formation
1 am to 2 am												Viscosity	Bit Size			
2 am to 3 am												Water Loss	Bit Type			
3 am to 4 am												pH	Ser. No.			
4 am to 5 am												Filtercake	Slope Test			
5 am to 6 am												Number Reg. Men	Extra Men	Man Hrs.		
6 am to 7 am	1/2								1/2		Circ. unloading casing	Hole Made	Depth at End Tour			
7 am to 8 am												Driller: L.M. Goez				
8 am to 9 am	3/4								1/4		Serv. Run	Mud Wt. 104	Bit-Run No.			
9 am to 10 am	1/4								3/4		Getting ready to run csg.	Viscosity 43	Bit Size			
10 am to 11 am									1			Water Loss 11.2	Bit Type			
11 am to 12 n									1		Running casing	pH	Ser. No.			
12 n to 1 pm									1			Filtercake 2/32	Slope Test			
1 pm to 2 pm									1			Number Reg. Men 4	Extra Men	Man Hrs. 32		
2 pm to 3 pm									1			Hole Made 1900	Depth at End Tour 479'			
3 pm to 4 pm									1			Driller: D. Parker				
4 pm to 5 pm									1/4			Mud Wt.	Bit-Run No.			
5 pm to 6 pm									3/4	1/4	Pumping plug down	Viscosity	Bit Size			
6 pm to 7 pm									1			Water Loss	Bit Type			
7 pm to 8 pm									1			pH	Ser. No.			
8 pm to 9 pm									1		W.O.C	Filtercake	Slope Test			
9 pm to 10 pm									1			Number Reg. Men 4	Extra Men	Man Hrs. 32		
10 pm to 11 pm									1			Hole Made	Depth at End Tour			
11 pm to 12 m									1			Driller: D. Parker				
Total											GRAND TOTAL:	Hours	Approved: <u>L. J. Goez</u>	Dist. Supt.	Signed:	

DAILY DRILLING REPORT

Field LONE MOUNTAIN N.W. 1/4 Sec. 10, T. 14 N., R. 10 E., S. 10 E. Lease B.A.F.H.B. LONE MOUNTAIN Well No. 1 Date July 27/53
 District WESTERN CANADA Prov. N.W.T. Contractor Petrol. LTD.
 Type rig: ☒ Rotary ☐ Cable Fuel Used: ☐ Gas ☐ Diesel ☐ L.P.G. ☐ Other
 Last Casing: _____ Elevation: _____ Depths Below _____ Steel Line Measurement: _____
 Size: 7" _____ G.L. _____ Are From: _____ Former Depth: _____
 Set at 474' K.B. _____ K.B. _____ ☐ K.B. ☐ G.L. _____ Corrected Depth: _____

Operations (See Instructions)	Trip with D.P.	Drilling	Reaming	Coring	Run Elect Log	Run D.S.T.	Circ. for Samples	Wait on Orders	Repairing Rig	Other Operations	DRILLER'S REMARKS	DRILLER'S DATA		FORMATION OR CORE RECORD			
												Mud Wt.	Bit Run No.	Depth From	Depth To	Recovery	Formation
12 m to 1 am											W.O.C.						
1 am to 2 am																	
2 am to 3 am																	
3 am to 4 am																	
4 am to 5 am																	
5 am to 6 am																	
6 am to 7 am																	
7 am to 8 am																	
8 am to 9 am											W.O.C.						
9 am to 10 am																	
10 am to 11 am																	
11 am to 12 n																	
12 n to 1 pm																	
1 pm to 2 pm																	
2 pm to 3 pm																	
3 pm to 4 pm											Backed off LANDING JOINT						
4 pm to 5 pm											Hedding up & W.O.C.						
5 pm to 6 pm																	
6 pm to 7 pm																	
7 pm to 8 pm											Rigging up to drill plug.						
8 pm to 9 pm											W.O.C.						
9 pm to 10 pm																	
10 pm to 11 pm																	
11 pm to 12 m																	
GRAND TOTAL:												Hours	Approved:	Dist. Supt.	Signed:		

THE BRITISH-AMERICAN OIL COMPANY LTD.

DAILY DRILLING REPORT

Field LINE Mountain Wildcat Lease B.A.E.H.B. LINE Mountain Well No. 1 Date July 28/53
 District WESTERN CANADA Prov. N.W.T. Contractor Petrol. LTD.
 Type rig: ☒ Rotary ☐ Cable Fuel Used: ☐ Gas ☐ Diesel ☐ L.P.G. ☐ Other
 Last Casing: Elevation: Depths Below: Drill Pipe Size 3 1/2
 Size: 7" GL. Are From: Steel Line Measurement:
 Set at 474' K.B. K.B. ☐ K.B. ☐ GL. Former Depth:
 Corrected Depth:

Operations (See Instructions)	Trip with D.P.	Drilling	Reaming	Coring	Run Elect. Log	Run D.S.T.	Circ. for Samples	Wait on Orders	Repairing Rig	Other Operations	DRILLER'S REMARKS	DRILLER'S DATA			FORMATION OR CORE RECORD		
												Mud Wt.	Bit Run No.		Depth From	To	Recovery	Formation
12 m to 1 am											Reported swivel						
1 am to 2 am											w.o.c.	Viscosity	Bit Size	6 1/2			
2 am to 3 am												Water Loss	Bit Type	OSC			
3 am to 4 am												pH	Ser. No.	72086			
4 am to 5 am											Pressured up on cement w/	Filtercake	Slope Test	@			
5 am to 6 am	1/2										Globe Valve 300 P.S.I.	Number Reg. Men	Extra Men	Man Hrs.	32		
6 am to 7 am											felt top of plug at	Hole Made	Depth at End Tour				
7 am to 8 am	1/2									1/2	460'	Driller: R.M. Goetz					
8 am to 9 am	1/4									3/4		Mud Wt.	Bit Run No.	3			
9 am to 10 am												Viscosity	Bit Size	6 1/2			
10 am to 11 am												Water Loss	Bit Type	OSC			
11 am to 12 n											Working on no. Replaced	pH	Ser. No.	72086			
12 n to 1 pm											main drive shaft	Filtercake	Slope Test	@			
1 pm to 2 pm											indicator 7 1/2 hrs.	Number Reg. Men	Extra Men	Man Hrs.			
2 pm to 3 pm												Hole Made	Depth at End Tour				
3 pm to 4 pm	1/4									3/4		Driller: D. Parker					
4 pm to 5 pm	1											Mud Wt.	Bit Run No.	3			
5 pm to 6 pm	1											Viscosity	Bit Size	6 1/2			
6 pm to 7 pm	1											Water Loss	Bit Type	OSC			
7 pm to 8 pm	3/4									1/4	Service Rig	pH	Ser. No.	72086			
8 pm to 9 pm	1											Filtercake	Slope Test	@			
9 pm to 10 pm	1											Number Reg. Men	Extra Men	Man Hrs.	32		
10 pm to 11 pm	1											Hole Made	Depth at End Tour				
11 pm to 12 m	1											Driller: D. PARKER					
Totals											GRAND TOTAL:	Hours	Approved: <u>L. J. Parker</u>	Dist. Supt.	Signed: <u>H. Parker</u>		