

BRIGGS RABBIT LAKE

No. 1

Drilling Authority No.

Date Issued

WELL NAME Briggs Rabbit Lake No. 1

FIELD Wildcat

Area: Kaskaskia River

LOCATION: Unit

Section

Grid

Latitude 60°55' 50.82" N.

Longitude 118°47' 28.72" W.

From Established Reference Marker

Rig Release Date: 30-3-55

Status Gas Well

Information Release Date 30-3-57

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.

Drill Hole Rabbit Lake, C.A. 1 Well:

Location: Lat 60° 55' 50.8" N., Long. 118° 47' 28.2" W.

Elevation: 1,056 feet ground, 1,008 feet K.B.

Date Completed: 1955

Total Depth: 2836'

Result: Suspended gas well

Summary of log by F.H. Belyea of samples and cores stored at Geological Survey of Canada, Calgary, Alberta.

<u>Depth (feet)</u>	<u>Lithology</u>
0 - 20'	Drift
	<u>Trout River Formation</u>
20 - 30'	Sandstone, grey, coarse-grained, quartz and dark grains (rock fragments), angular to sub-rounded; poorly sorted; pyrite; limestone, cream, fine-grained, matrix; cell structure resembling that of stromatoporoids or algae
	Grumbler Group
30	<u>Kakisa Formation</u>
30 - 210'	Limestone, cream, fine to coarse-grained matrix; stromatoporoids, corals abundant; oolites and pelletoid grains; calcite cement and crystals of calcite; siltstone, light grey, quartzose, calcareous
210 - 240'	Limestone, cream, fine to medium-grained, slightly dolomitic, silty
240 - 270'	Limestone, cream to light grey, cryptograined to fine-grained, silty, fossiliferous; siltstone and grey shale; thin-shelled brachiopods, crinoids
270	<u>Redknife Formation</u>
270 - 300'	Siltstone, light grey to greenish grey, calcareous; varies to limestone, grey, fine-grained, silty; crinoid and brachiopod fragments
300 - 320	Limestone, grey, silty; grey shale partings; siltstone as above
320 - 380	Siltstone, light grey to greenish grey, calcareous, micaceous, some layers with green minerals possibly glauconite; greenish grey shale partings; a little limestone -- composed of brachiopod and crinoid fragments in part replaced by chert
380 - 390	Shale, greenish grey, splintery; siltstone, as above
390 - 440	Siltstone, light grey, calcareous, as above; green shale laminae; scattered crinoids and brachiopods in part may form limestone layers

Rabbit Lake No. 1

- 440 - 450 Shale, grey-green, splintery
- 450 - 460 Limestone, grey, fine to coarse-grained, speckled, poorly sorted (calcareous), largely composed of fossil fragments; scattered silt and sand sized quartz and dark grains; pyrite
- 460 - 470 Shale, grey green, calcareous
- 475 Jean Marie Formation
- 470 - 495 Limestone, grey, silty; coral fragment; siltstone, grey, argillaceous; brachiopods; light green shale
- 495 Fort Simpson Formation
- 495 - 530 Siltstone and silty limestone, grey to greenish grey, micaceous, calcareous; shale, grey-green
- 530 - 900 Shale, greenish grey, fissile, splintery, slightly calcareous; siltstone grey, argillaceous, probably laminar
- 900 - 1040 Shale, reddish brown, grey-green, splintery
- 1040 - 1100 Siltstone, grey and greenish-grey, calcareous; green-grey shale
- 1100 - 1150 Shale, grey-green, slightly calcareous; siltstone as above
- 1150 - 1450 Shale, green, fissile, non-calcareous
- 1450 - 1690 Limestone and shale; limestone, grey, fine-grained, argillaceous, in part containing small black specks; shale, grey, calcareous
- 1690 - 1770 Shale, grey, grey-green, brownish grey; siltstone laminae, grey, calcareous; a little fossiliferous silty limestone
- 1770 - 2050 Shale, greyish green and brownish grey, fissile, splintery a few layers grey, argillaceous, fine-grained limestone
- 2050 - 2090 Limestone, brownish grey, fine-grained, argillaceous; shale, greenish grey and maroon
- 2090 - 2160 Shale, greyish-green, fissile; siltstone laminae
- 2160 - 2230 Limestone, grey, fine-grained, argillaceous, grades to shale, grey
- 2230 - 2320 Shale, grey-green, splintery; scattered silty siltstone laminae
- 2320 - 2340 Shale, as above; abundant siltstone laminae
- 2340 - 2380 Shale, grey to dark grey; contains abundant carbonaceous specks
- 2380 Slave Point Formation
- 2382 - 2393 (core)
- Limestone, brown, very fine to fine-grained; abundant stromatoporoids, and amphipora; stromatoporoids mostly large; some smaller stroms crusted with stromatoporoid or algal layer; calcitute to calcarenite, in part recrystallized; --sharp change
-

#26

DEPARTMENT OF MINES & TECHNICAL SURVEYS
MINES BRANCH
DIVISION OF FUELS

Laboratory No. 104-55

ANALYSIS OF NATURAL GAS

ORIGIN

Field:

Province: Northwest Territories

Well Name: Briggs Rabbit Lake No. 1

Sampled from: Northern Affairs and
National Resources Dept.

Latitude: 60° 55' N. Longitude 118° 42' W.
Northwest Territories

Date sampled: April 1, 1955

Depth to Producing Zone: 2574-2600 feet

Producing Zone: Slave Point(?) - top of Middle Devonian Method of Sampling: Water displacement

Sampled at: Wellhead

COMPOSITION AS SAMPLED

volume percent

Methane	88.41
Ethane	1.81
Propane	0.97
Butanes	0.56
Pentanes plus	0.48
Helium	0.18
Nitrogen (by difference)	5.76
Carbon Dioxide	1.83
Hydrogen Sulphide	Not determined
Total	100.00

Gross Heating Value, B.T.U. per cu.ft.

at 60°F. & 760 mm. Hg.

Calculated 984

(moisture and acid gas free)

Specific gravity (Air = 1)

Measured 0.635

(moisture free as sampled)

Calculated 0.632



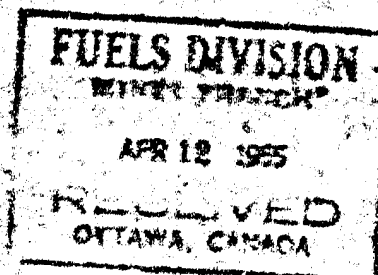
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INTERNAL AFFAIRS AND NATIONAL RESOURCES

Macdonald Hotel,
Edmonton, Alberta,
April 7, 1935.

Mr. H. H. Chandler,
Division of Fuels, Mines Branch,
Dept. of Mines & Technical Surveys,
362 Booth Street,
Ottawa, Ontario.

Dear Mr. Chandler:



I have forwarded by Canadian National Railway Express Collect one crate containing six glass bottles filled with natural gas for the Briggs Rabbit Lake No. 1 well. Information on this well is contained on the enclosed form.

This is a discovery well so information should be restricted. I would be pleased if you could have a gas analysis run at your earliest convenience and copies of results forwarded to J. C. Synoule and Associates, Oil Field Agency, West, Calgary, and to this office.

Yours very truly,

A. R. Irwin

A. R. Irwin
Petroleum Conservation Engineer

Enc

RESTRICTED

Name of Well: Briggs Rabbit Lake No. 1

Latitude: 60°55' N Longitude 118°48' W

Led. Sec. Twp. Rge. W. Mer. Elevation: 1068'

Spudded: 4 Feb. 55 Finished Drilling: 17 March 1955

Casing record: 10" x 150' C 80, 7" x 2650' C

Operator: Technical Oil Consultants, Calgary, Alta.
for White and Lloyd of Houston, Texas.

Name of productive zone
from which sample is produced

Sand
Shale
Lime stone

Formation name: Slave Point (?) - top of Middle Devonian

Depths:	Top of Formation	
	Bottom of Formation	
	Top of producing zone	2574'
	Bottom of producing zone	2600'
	Total depth drilled	2834'
	Present depth	2834'

Well Production:		Initial	Present
Oil, barrels			
Water, barrels			
Gas, cubic feet		990 Mcf/day	Not known
		D.S.t.	
	(Reservoir)	1,050 psi	
Pressures	(Tubing)		
	(Casing)		

Method of production:

Sampled by: A. B. Irwin

Date: 1 April 1955

Sample obtained from: Casinghead

Remarks: Information yet inadequate for full report

Perforated: 2574' to 2604' (approx).

D.S.T.

Fuels Division
562 Booth St.

OTTAWA, April 28, 1955.

A.S. Irwin, Esq.,
Petroleum Conservation Engineer,
Northern Affairs and National Resources,
Macdonald Hotel,
EDMONTON, Alberta.

Dear Mr. Irwin:-

We acknowledge receipt on April 17th of a sample of gas from Briggs Rabbit Lake No. 1 well, A.R.P., and your letter of April 7th with enclosed ~~particular~~ log of the above well.

As you requested, we are forwarding to-day two copies of our report of analysis, Lab. No. 104-55, of this natural gas to J.C. Sproule and Associates, 901 Fifth Avenue West, Calgary. Enclosed are two copies of this report.

We have noted that the well log sheet is marked restricted. Kindly notify us when this information is no longer considered restricted, in order that the log and analysis may be made available for publication as part of our Natural Gas Survey.

Yours very truly,



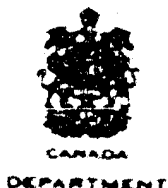
A. Ignatieff,
Chief, Division of Fuels.

Enclosure (2)

c.c. J.C. Sproule & Associates

ENCLOSURE

MINES BRANCH
DIVISION OF FUELS



DEPARTMENT
OF
MINES AND TECHNICAL SURVEYS

FUEL RESEARCH LABORATORIES

OTTAWA, April 27, 1955.

REPORT OF ANALYSIS

Sample of gas submitted by A.B. Evans, Petroleum Conservation Engineer, Department of Northern Affairs & National Development as per his letter of April 7, 1955, to H.H.B. Chandler, Division of Fuels, Department of Mines & Technical Surveys, Ottawa.

Laboratory No.

104-55

Sample Marked

Engine Exhaust from Well No. 2

Location

Latitude 60° 35' N. Longitude 120° 40' W.

Date Sampled

April 1, 1955

Details of Analysis

Concentrations by Volume

Ethane
Ethane
Propane
Butane
Pentane
Carbon Dioxide & Sulphur Compounds
Oxygen
Helium
Nitrogen

47.48
1.40
0.37
0.28
0.48
1.43
21.1
2.36
1.1

Total 100.00

Heating value, B.T.U. per cu. ft. at 60°F & 760 mm. 979
(calculated)

Specific Gravity (Air = 1.000)

0.635

Analysed by: R.J. Gifford & A. Evans

A. Ignatieff,
Chief, Division of Fuels.

POOR COPY

C A N A D A

DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES

NORTHERN ADMINISTRATIVE AND LANDS BRANCH

(COMPLETION)

(COMPLETION)

REPORT

(COMPLETION)

(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 . Briggs Rabbit Lake No. 1 Permit No. 363
Lease No.
Registered owner . D. Todd Briggs Drilling Company Oark Drilling Co. Ltd.
Location: (Survey description) . Approximately 60° 56' N. Lat.
. 118° 47' W. Long.
Elevation: Ground Kelly bushing Depth 2,836'
Spudded February 4, 1955. . . . Finished drilling Mar. 17, 1955. Rig released Mar. 30, 1955
Deviations from vertical 2460. - 1°, 1960 - 3/4°, 1690. - 1/4°, 1145 - 1/8°, 450 - 1/4°.

CASING

DATE	Size O.D. inches	Weight lbs/foot	Grade	Set at feet	Sacks cement
1. Feb. 8/55.	10 3/4"	32.75	B40.	155	120
2. Mar. 24/55	7"	20	J55	2689.	100
3.					

TUBING

Mar. 28/55 . . 2 7/8 . . 6.5 . . . J-55. . . 2611

Status of well on completion of drilling. Shut in waiting on testing

Producing zone . 2574 - 2604.

Cored intervals 2382. - 2462, 80' rec., 2467 - 2597, 40' rec., 2511 - 2563, 52' rec.

2568. - 2582, 24' rec., 2606 - 2646, 40' rec., 2768 - 2807, 39' rec.

Interval logged: E-log 155 - 2836 M-log . 2300 - 2836

R-log 2300 - 2836 Other

DRILLSTEM TESTS

Test No.	Date	Interval tested	Duration	Results
1. . . .	Mar 8/55	2564 - 2594	1 hr. . . .	110' mud & H2S water, gas
2. . . .	Mar. 10/55	2591 - 2604	1 1/4 hr. . .	115' mud & H2S water, gas
3. . . .	Mar. 14/55	2750 - 2768	1 1/4 hr. . .	175' eff. gas out mud (Over)

Test No.	Date	Interval tested	Duration	Results
4	Mar. 16/55	2807 - 2770	3 hrs.	225' oil but had 40' salt water
5	Mar. 19/55	2807 - 2770		

Perforations: (Gun...48...)
 (Date.....) . . . 2574 - 2604, Schlumberger 4 jets, 40'

Shootings:

Hydraulically fracturing:

Chemical treatment: 72 Bbls. - 15% Sol + 50%

Date initial production tests: March 28, 1955

Initial production data. Gas in excess of 50000/day

Pumping or flowing

Plug back:

Other:

CEMENT PLUGS SET

Date	Plug set at	Sacks cement	Method	Top found at

Well samples have been sent to:

Cores will be stored at:

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)

With respect to abandonment we have complied with Section 60 (3) and (4) of the
 Regulations (Initial here)

ADDITIONAL DETAILS AND COMMENTS

Signed *D. J. O'Donnell* Address c/o 125 - 5th Avenue East,
 Calgary, Alberta.

CANADA

DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES

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. 363 ...registered in the name of Lease No.

.. R. Todd Briggs Nominee

TYPE OF WELL:

Stratigraphic test: . X Wildcat:
Structure Test: Development:
Anticipated number of holes (Required for Structure Test Only)
Expected total depth: 3,500' feet.

The well will be located: 60° 55' N, 118° 48' W

.....(N of S boundary) of (Permit No.....)
.....(S of N boundary) (Lease No.) at approx.N Lat.
.....(W of E boundary) of (Permit No.....)
.....(E of W boundary) (Lease No.....) at approx.....W Long.

Survey description of location to be supplied when plat received from

surveyor

to be supplied

Approximate surface elevation of feet above sea level.

Name of well: , . Briggs Rabbit Lake No. 1.

Type of drilling rig: .Cardwell 2

Expected date of commencement: . After January 15.

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 1/4"	32.75	J 40	Youngstown	New	300'	175
2"	20	J 55	Youngstown	New	3500'	200
3"						

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

Unknown, to be controlled by drilling mud and blowout preventer
.....
.....
.....
.....
.....

(Over)

An electric log (will ¹/₂ be run.
(will ~~be~~ run.)

The well will be drilled by: Grant Drilling Company Ltd. . . . (name of company)

CONTRACTOR:

Responsible agents of permittee or lessee in charge of operation:

At well: J. C. Sproule & Associates . At registered office: J. C. Sproule & Associates

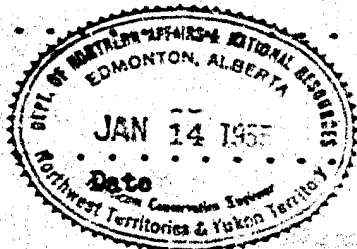
Postal address: Bay River, N.W.T. Postal address: 901 - 8th Avenue West, Calgary, Alta.

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

Dated at Calgary, Alberta . . this . 7th . . . day of January 1953.

Signed by A. B. Irwin

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



A. B. Irwin
Conservation Engineer

GEOLOGICAL SUMMARY

Briggs Rabbit Lake No. 1 was drilled on a surface geological structure known as the Rabbit Lake Structure. This structure is known to be closed, on a basis of rock outcrops.

The well was spudded in an upper Devonian limestone of the Hay River formation. Below the limestone the section is sandy, and grades downward into green shale. Some of the sample cuttings showed traces of porosity and oil staining in the sandy section.

Nearly all of the Territories-Slave Point formation, which is believed to be Upper Devonian, was cored. There are scattered thin bands of poor porosity in this section, all of which bled oil. No tests were run in the section in which oil shows occur. The lower portion of the formation consists of bright green, pyritic shale with large inclusions of limestone. The bottom of the shale appears to represent a marked depositional break. It may be the Upper-Middle Devonian contact.

Below the Territories-Slave Point formation a porous, fragmental and crystalline limestone was encountered. This limestone is tentatively referred to as the Presqu'ile equivalent and is believed to be Middle Devonian in age. The formation totals 22 feet in thickness, the upper 18 feet of which was cored. Three drill stem tests were run over this porous section. All three tests recovered gas with no formation fluid, the maximum test rated only one MMcf/day, although the pressure chart showed a slow rise in recorded pressure over the period of the test and a rapid increase in shut-in pressure. These facts, combined with the fractured nature of the limestone, its relatively high average porosity and permeability and the fact that it is a relatively pure limestone that is readily susceptible to acid treatment lead to our recommendation to case and acidize the hole.

Underlying the porous limestone is the Pine Point formation. The upper portion is a dark, argillaceous limestone which grades into a lighter colored limestone and downward into a dolomite. In the dolomite section some poor porosity, stained with live oil, was found. Tests of the porous portions recovered slightly gas-cut mud and a small amount of salt water.

Below the Pine Point formation and overlying the Precambrian is a 24-foot sand layer, which we have called the Basal Sand. This sand has a green shale matrix with resultant poor porosity.

The Rabbit Lake No. 1 well is structurally high regionally. The Precambrian was encountered only 62 feet lower than in N.W.T. Providence No. 2, which is located approximately 27 miles north of the Rabbit Lake well. The average regional dip on the Precambrian basement in this area is known to be to the southwest at a much higher rate than is indicated by the difference between the two wells. The Middle Devonian sediments thicken in the same direc-

tion. The relatively slight drop in elevation on the Precambrian between the M.W.T. Providence No. 2 well and the Rabbit Lake No. 1 well appears to indicate the presence of a local high on the Precambrian, as it is unreasonable to assume an excessively low uniform dip between these two points of slightly over two feet per mile. This fact, combined with the fact that the Territories-Slave Point formation top in the Rabbit Lake well is 86 feet higher than the same contact in the Providence well would in turn indicate very strongly that the true Precambrian high is much higher nearby than it is in the Rabbit Lake No. 1 well. The Rabbit Lake No. 1 well is in any event known to have been located off the surface apex of the structure and the Rabbit Lake structure is also known to be substantially lower than the nearby Foetus Lake structure. Either the Rabbit Lake structure or the Foetus Lake structure could contain the real Precambrian high responsible, at least in part, for the apparent draping and resultant anomalous stratigraphic intervals present.

G.K. Williams

G.K. Williams, Wellsite Geologist

J.C. Sproule

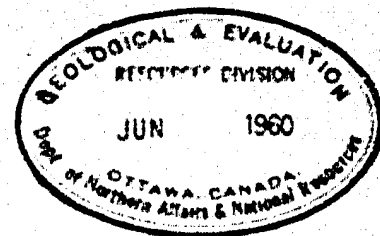
J.C. Sproule, P.Eng., Alberta.

901 - 8th Avenue West,
Calgary, Alberta,
April 12, 1955.

D. TODD BRIGGS NOMINEE ACCOUNT
NORTHWEST TERRITORIES

J. B. WHITE & A. M. LLOYD OPERATOR

S U M M A R Y OF
"COMPLETION REPORT - BRIGGS RABBIT LAKE
NO. 1 - NORTHWEST TERRITORIES"
---Technical Oil Consultants

Completion Report

The well was cased and cemented as per attached Casing Report on March 24 to March 26, 1955. No difficulties arose during the job. While waiting on the cement to set, tubing was tailed and stood in derrick in trebles. Plug was felt for and hit at 2542' K.S. (Ficalt Collar 2543'50 K.S.) on March 27, 1955 at ten o'clock A.M. After circulating two hours the tubing was pulled and the 400 series Cameron tree was set.

Casing and Tree was tested March 27, 1955 at eight o'clock A.M. with 500 p.s.i., the highest pressure obtainable with the air pump. Schlumberger checked bottom and collars with magnetic collar locator correlating exactly with casing tally and the well was perforated 2504 - 2574 K.S. with 4" steel gun 4 shaped charges per foot at ten o'clock P.M.

The Tree was reset. 82 joints plus 1 perforated joint landed, as per attached Tubing Report and on March 28, 1955 at ten o'clock A.M. well was acidized with 72 barrels 15% HCl. Well flowed immediately without swabbing. After flowing off load fluid shut-in pressure was 1,250 p.s.i. while flowing pressure through one inch choke was 450 p.s.i. A series of pitot tube measurements through various choke sizes was taken results of which are attached. At ten o'clock A.M. on March 28, 1955, well was shut in awaiting arrival of tester from Chemical and Geological Laboratories.

Attached is also a summary of pertinent data concerning the well, including Casing Report, Tubing Report, Flow Tests and Summary of Data.

John Hartley

Test No. 1

Flow Test

Equipment:

Filter Job
30" manometer
150' flowline 2 1/2" dia.
4' riser 2" dia.
C.O.M. V.S.I. Marsh Pressure Gauge

Shut-in Pressure:

1,000 p.s.i.

<u>Flowing Pressure</u>	<u>Choke</u>	<u>Manometer Reading</u>	<u>M.o.f.</u>	<u>Shut-in Pressure After 1000</u>
1920	8/64"	4 " H ₂ O	275	1050
1930	12/64"	1.5" Hg	847	1050
1940	14/64"	5 " Hg	1530	1050
1990	16/64"	7 " Hg	2120	1050
950	20/64"	11 " Hg	2420	1050
875	24/64"	too high to measure	3000 (est.)	1050

Flowing Pressure:

450 p.s.i.

One Minute

Shut-in Pressure:

1000 p.s.i.

DRILLING REPORT: LAM, No. 1

Summary of Data

Surface Casings:

Size: 10 3/4" - R-41 - 31.25' - 5 wt.
Landed: 185' A.S. - 100 max. 2" casing
Casing head: 10 3/4" x 7" 400 series Cameron
Distance L.S.:
Casing Flange: 10.5'

Log String:

Size: 7" - J-55 - 100' - 5 wt.
Landed: 26' - 12' A.S. - 100 max. 50 lbs.
Centralizers: 1000 - 2001 - 2100 - 2215 - 2372
Collars:
Float: 2049.5
2: 2040.7 3: 2042.1
3: 2077.0 7: 2356.9
4: 2084.5 8: 2345.7
5: 2077.1 9: 2331.0
Perforations: 2574 - 2604 A.S.,
1 steel jets per foot

Well Head:

1. 10 3/4" x 7" 400 series Cameron head
1. 400 series Cameron tree with 1.5" delivery Master Valve and 2. 3" delivery pipe valves. 1" choke case and chokes: 1/2" - 1/2".
2. Marsh gauges
(tubing spool 10" x 6" x 2 1/2")

Tubing:

Size: 2 7/8" O.D. 32L J-55, 5.7 8 wt.
Landed: 2010.01 A.S. open ended, cross pin brazed tubing
Perforations: 8' or 1/2" x 1/2" slots at 207... A.S.
Distance L.S.:
Top Flange of Spool: 1.05'

In Stock at Ozark Rig:

2 Jts. = 35', 7" - J-55 - 201 casing
5 Jts. = 157', 2 7/8" J-55 5.7 tubing
1 - 2,000 p.s.i. Marsh Gauge
1 - Needle valve for above
1 - set of chokes
Miscellaneous keys, wrenches
and fittings for tree

MINES BRANCH
DIVISION OF FUELS

FUEL RESEARCH LABORATORIES

MINES AND TECHNICAL SURVEYS

OTTAWA, April 27, 1955.

REPORT OF ANALYSIS

Sample of gas submitted by A.B. Irwin, Petroleum Conservation Engineer, Department of Northern Affairs & National Resources as per his letter of April 7, 1955, to H.McD. Chantler Division of Fuels, Department of Mines & Technical Surveys, Ottawa.

Laboratory No. 104-55
Sample Marked Briggs Rabbit Lake Well No.1
Location Latitude 60° 55' N. Longitude 118° 48' W.
Date Sampled April 1, 1955

Details of Analysis

	<u>Per-cent by Volume</u>
Methane	87.94
Ethane	1.80
Propane	0.97
Butane	0.56
Pentane	0.48
Carbon Dioxide & Sulphur Compounds	1.83
Oxygen	Nil
Helium	0.18
Nitrogen	6.24
Total	100.00

Heating value, B.T.U. per cu. ft. at 60°F. & 760 mm. 979
(calculated)

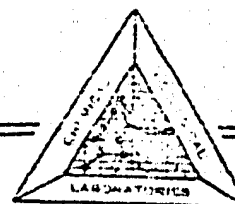
Specific Gravity (Air = 1.000) 0.635

Analyses by: R.J. Offord & A. Yates

A. Ignatieff
A. Ignatieff,
Chief, Division of Fuels.

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

10558 - 114TH STREET
EDMONTON, ALBERTA



PHONE 25624

March 29, 1957.

D. Todd Briggs Nominee Account, N.W.T.
J.B. White and A.M. Lloyd, Operator
1117 First National Bank Building
Dallas 2, Texas

Gentlemen:

Re: Our Laboratory Report Number 6922.

On the 5th of April, 1955, together with Mr. H.L. Ott, I tested your Briggs Rabbit Lake number 1 well, finding it to have an absolute potential of 17.1 million cubic feet of gas per day.

The back pressure test was conducted in accordance with procedures outlined by the Texas Railroad Commission, using a 2-inch critical flow prover with orifice plates of $1/8"$, $1/4"$, $3/8"$ and $1/2"$, used in increasing order of size. Pressures were measured with a dead weight gauge. Gas was flowed through the casing.

Before starting the flow, a static pressure gradient was run using an ELI type 96 pressure gauge. The pressure at datum, 2589', was found to be 1096 psig. at 90°F.

Sincerely yours,

CHEMICAL & GEOLOGICAL LABORATORIES LIMITED

Bruce C. Bell, P.Eng. (Alberta)
/aw



CHEMICAL & GEOLOGICAL LABORATORIES LTD.

10568 - 114th Street, Edmonton, Alberta
Phones 25621 - 42562

2706 Centre Street N., Calgary, Alberta
Phone 76149

GAS WELL BACK PRESSURE TEST

From J.B. White & A.M. Lloyd: D.Todd Briggs Product
Address Nominee a/c N.W.T. Date April 5, 1955
Other Pertinent Data Briggs Rabbit Lake No. 1: 60° 36' N. Lat. 118° 47' W. Long, Canada
Average Gravity of gas: 0.631
Analyzed by Chemical & Geological Labs. Ltd. Date Reported April 19, 1955 Lab. No. 6922

Tubing: 2 7/8" tubing @ 2611'
Producing Sand: Devonian Lime
Casing: 7" O.D. @ 2642' Perf: 2574 - 2604
Midpoint: 2589'
Bottom Hole Temperature 90°F
Mean Surface Temperature 25°F

FIELD DATA

Run No.	Time of Run	Choke	Temperature	Stabilized pressure psia (P_w)
SI	----	----	----	1030.8
1	1 hr.	1/8	46	1027.8
2	3 hrs.	1/4	46	1011.3
3	2 1/2 hrs.	3/8	47	974.8
4	4 hrs.	1/2	53	864.8

VOLUME CALCULATIONS

Run No.	Stabilized pressure psia	Coefficient	Gravity Factor	Temperature Factor	Compressibility Factor	Volume Mcf per Day
1	1027.8	0.3499	0.9752	1.0138	1.115	396.4
2	1011.3	1.4360	0.9752	1.0138	1.115	1,600.9
3	974.8	3.1420	0.9752	1.0128	1.111	3,360.9
4	864.8	5.6530	0.9752	1.0068	1.091	5,236.7

PRESSURE CALCULATIONS

$P_f =$	1109	$P_f^2/M =$	1229.9		
$P_{s1} =$	1106	$P_{s1}^2/M =$	1223.2	$(P_f^2 - P_{s1}^2)/M =$	6.7
$P_{s2} =$	1088	$P_{s2}^2/M =$	1183.7	$(P_f^2 - P_{s2}^2)/M =$	46.2
$P_{s3} =$	1050	$P_{s3}^2/M =$	1102.5	$(P_f^2 - P_{s3}^2)/M =$	127.4
$P_{s4} =$	972	$P_{s4}^2/M =$	944.8	$(P_f^2 - P_{s4}^2)/M =$	285.1

Absolute potential ... 17,100 Mcf per day.
Shut-in well head pressure ... 1,017 psig.

FIELD NOTES & READINGS

<u>Well No.:</u>	Briggs Rabbit Lake No.1	<u>Location:</u>	60° 56' N. Lat. 118° 47' W. Long.
<u>Date:</u>	April 5, 1955	<u>Elevation:</u>	-----
<u>Barometric Pressure:</u>	28.81"	<u>Casing:</u>	7" O.D. 20# @ 2642'
<u>Producing Sand:</u>	Devonian Limestone	<u>Midpoint:</u>	2589 K.B.

Time Hours	Orifice In.	Tubing		T °F	Casing	
		psig	psia		psig	psia
<u>SHUT IN</u>						
0	----	1017	----	---	1017	----
2.5	----	1017	1030.8	---	1017	1030.8
<u>RUN NO. 1</u>						
0	1/8"	1017	----	43	1017	----
0.25	"	1015	----	46	1015	----
0.5	"	1014	----	46	1014	----
1.0	"	1014	1027.8	46	1014	1027.8
<u>RUN NO. 2</u>						
0	1/4"	1014	----	44	1014	----
1.0	"	1002	----	46	1002	----
2.0	"	998	----	46	998.5	----
2.5	"	997.5	----	46	998.	----
3.0	"	997.	1010.8	46	997.5	1011.3
<u>RUN NO. 3</u>						
0	3/8"	997.	----	46	997.5	----
0.5	"	977.5	----	46	978	----
1.0	"	970	----	46	969	----
1.5	"	966	----	47	965	----
2.0	"	963	----	47	962	----
2.5	"	962.5	976.3	47	961	974.8
<u>RUN NO. 4</u>						
0	1/2"	962.5	----	47	961	----
1.0	"	912	----	48	894	----
2.0	"	901	----	48	877	----
3.0	"	895	----	50	861.5	----
3.5	"	892.5	----	52	856	----
3.75	"	891.0	----	53	853	----
4.0	"	890	903.8	53	851	864.8

J.B. White & A.M. Lloyd
D. Todd Briggs Nominee a/c N.W.T.

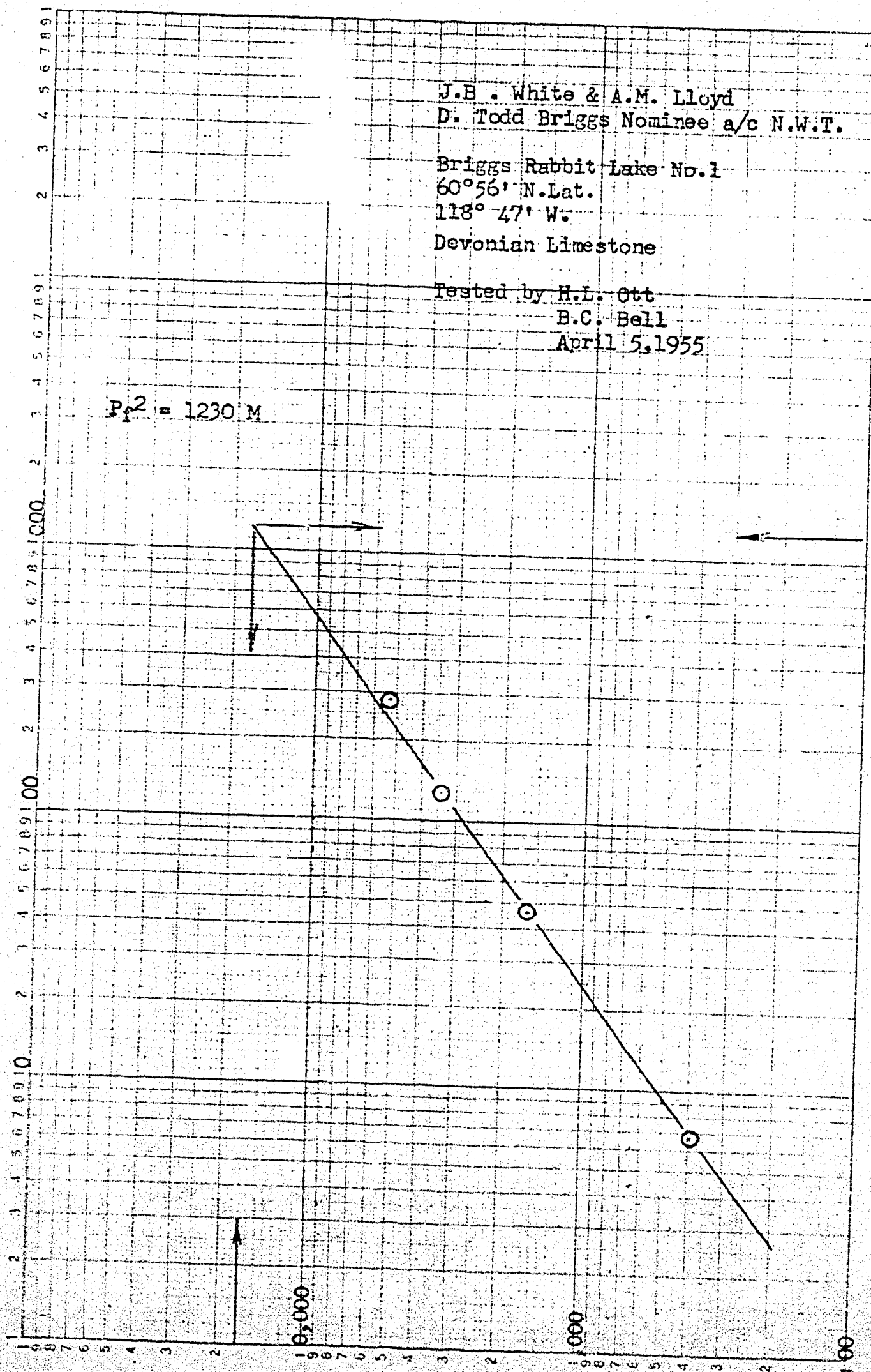
Briggs Rabbit Lake No.1
60°56' N.Lat.
118°47' W.

Devonian Limestone

Tested by H.L. Ott
B.C. Bell
April 5, 1955

$P_1^2 = 1230 \text{ M}$

$(P_1^2 - P_3^2)M$

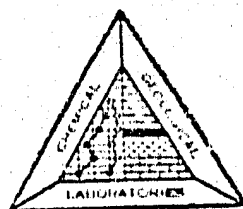


Flow (MCF/DAY)

Absolute Potential-

17,100 MCF/Day

Shut-in Well Head Pressure - 1017 psig



BOTTOM HOLE PRESSURE SURVEY

(Static)

CLL-16
PS-101 (01-1-1954) 54127

Date April 5, 1955

Company..... Well No. Briggs-Rabitt Lake No. 1
County Northwest Territory Field Wildcat
State Canada Location 60° 56' N. Lat; 118° 47' W. Long.

WELL DATA:

Elevation: Unknown Datum Point: 2589'
Formation: Devonian Lime Perforation: 2604-2574'
T. D.: Tubing Press: 1017 psi
Casing: 7" OD @ 2642 Casing Press:
Tubing: 2 7/8" @ 2611

<u>Depths</u>	<u>Extension Inches</u>	<u>Pressure (PSIG)</u>	<u>Gradient = '100'</u>	<u>Additional Information</u>
Top Hole	1.328	1017	3.1	
1000	1.368	1043	3.0	
2000	1.407	1078	3.1	
2589	1.433	1096		

Remarks: All measurements from KB.
Temperature @ 2589 - 90°F.
Well shut in since completion.

Wildcat, S.W.T., Canada
Briggs-Rabbit Lake No. 1

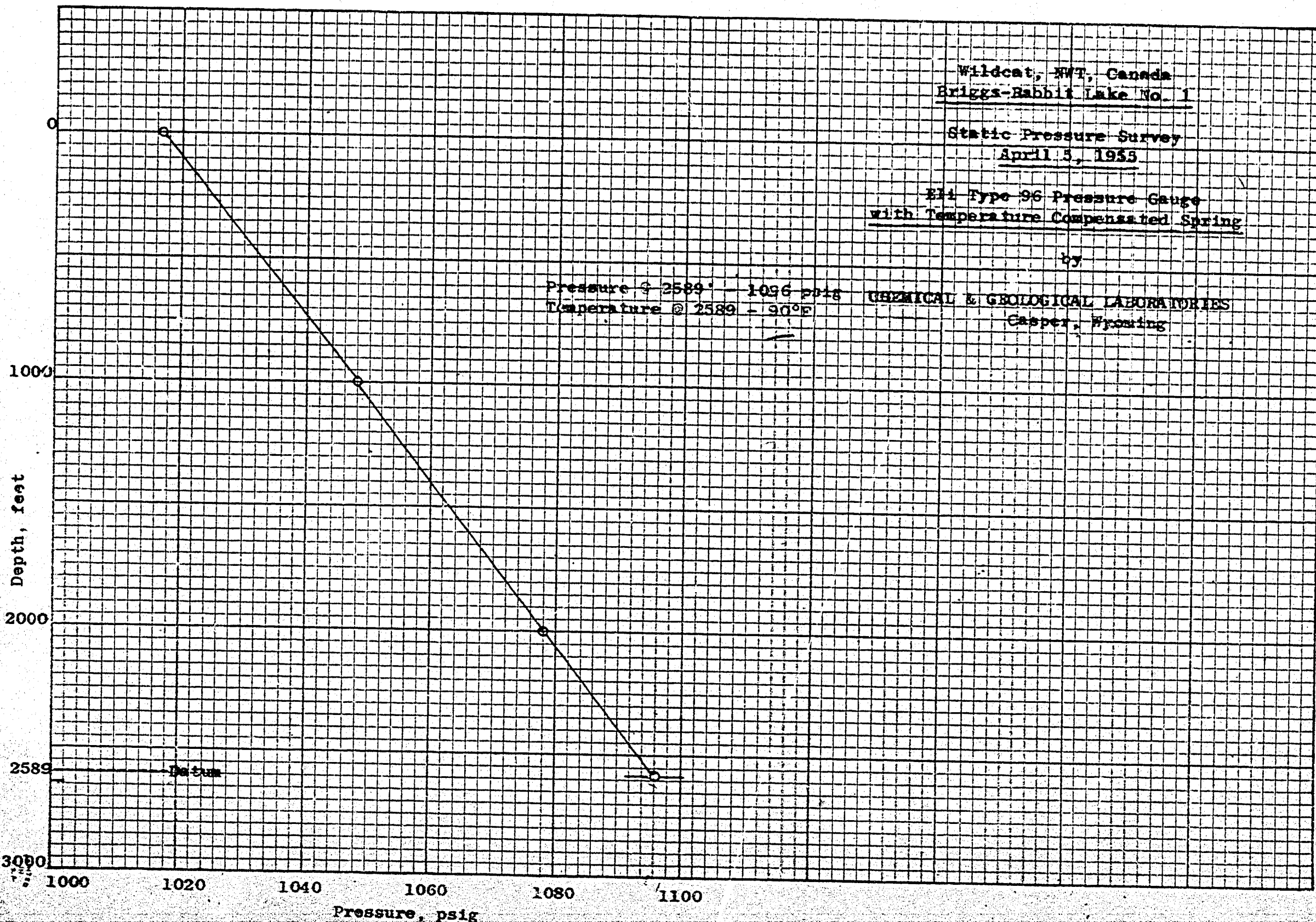
Static Pressure Survey
April 5, 1955

Eli Type 96 Pressure Gauge
with Temperature Compensated Spring

by

Pressure @ 2589' - 1096 psig
Temperature @ 2589' - 97°F

CHEMICAL & GEOLOGICAL LABORATORIES
Casper, Wyoming



10568 - 114 St.

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

EDMONTON, ALBERTA

FULL DIAMETER CORE STUDY

PHONES: 2562-
42562

OPERATOR J.C. Sproule and Associates

FIELD Hay River, N. W. T.

WELL NO. Briggs Rabbit Lake Number 1.

LOCATION 118° 47' W. Long.

FORMATION Limestone

DEPTHS 2382.0' - 2463.0' DATE April 6, 1955. LAB NO. 6812A

Footage of Limestone formation cored
FEET OF CORE:

80.0'

No. of representative samples selected for analysis

25.

Received at laboratory for analysis

79.0'

Compared (to tested samples)

8.3'

Not accounted for:

1.0'

Dense sections not represented

Represented by samples

70.7'

Badly fractured sections not represented

SUMMARY OF REPRESENTED SECTIONS:(1) $\frac{\text{represented}}{\text{received}}$ $\frac{79.0}{80.0}$ (2) $\frac{\text{represented}}{\text{cored}}$ $\frac{79.0}{80.0}$

Weighted average porosity

2.32 %

Maximum porosity

4.6 %

Weighted average radial permeability

0.68 md.

Minimum porosity

0.5 %

Weighted average vertical permeability

0.38 md.

Maximum radial permeability

3.4 md.

Weighted average maximum permeability

0.77 md.

Minimum radial permeability

0.005 md.

Porosity Feet

183.12

Maximum vertical permeability

2.6 md.

Minimum vertical permeability

0.003 md.

CORE WITH MAXIMUM PERMEABILITY:

10.0 md. or greater

between 1.0 and 9.9 md.
inclusive

less than 1.0 md.

Footage

23.4'

55.6'

Weighted average porosity

1.85 %

2.51 %

Weighted average radial permeability

2.12 md.

0.074 md.

Weighted average vertical permeability

1.22 md.

0.031 md.

Porosity feet

43.29

139.83

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

Operator J.C. Sproule and Associates.

Well No. Briggs Rabbit Lake Number 1.

Lab No. 6812A

Date April 6, 1955

Sample Number	Midpoint of Sample in Ft.	Representative of Feet	Footage Rep.	Core Wt. Gms.	Permeability md. Vertical	Radial	Porosity	Bulk Density	Matrix	Description
Core Number 1			2382'-2422'	Recovered 38.0 Feet.						
1	2386.1	2382.0-2387.0	5.0	1779	0.003	0.01	4.0	2.59	2.69	C SV
2	2389.6	2387.0-2390.0	3.0	1765	0.01	0.27	4.4	2.60	2.72	C SV
3	2391.1	2390.0-2394.2	4.2	1598	0.03	0.15	4.6	2.57	2.70	C SV
4	2394.9	2394.2-2397.8	3.6	1225	0.004	0.27	2.1	2.63	2.69	C SV
5	2399.3	2397.8-2401.0	3.2	1525	0.07	0.02	1.8	2.69	2.74	C SV
6	2402.0	2401.0-2402.2	1.2	1064	0.005	0.02	3.3	2.64	2.73	C SV S
7	2404.8	2402.2-2405.5	3.3	1596	0.009	0.13	4.5	2.59	2.71	C SV
8	2407.7	2405.5-2408.4	2.9	1839	2.3	0.005	2.7	2.60	2.67	VC SV S
9	2409.7	2408.4-2411.0	2.6	1652	0.02	0.02	2.2	2.62	2.68	C SV
10	2412.1	2411.0-2415.5	4.5	1458	0.02	0.01	0.9	2.68	2.71	C SV
11	2416.3	2415.5-2417.7	2.2	1904	0.23	0.01	1.9	2.61	2.66	C SV I
12	2418.1	2417.7-2419.0	1.3	1724	0.007	0.06	2.5	2.64	2.71	C SV I S
Similar to 10	—	2419.0-2420.0	1.0	—	0.02	0.01	0.9	—	—	C SV
Missing	—	—	2.0	—	—	—	—	—	—	—
Core Number 2			2422'-2462'	Recovered 41.0 Feet.						
Similar to 15	—	2422.0-2422.5	0.5	—	0.009	0.01	2.3	—	—	C SV
13	2422.8	2422.5-2423.0	0.5	1505	0.005	0.006	2.1	2.61	2.67	C SV I S
Similar to 15	—	2423.0-2423.4	0.4	—	0.009	0.01	2.3	—	—	C SV
14	2423.6	2423.4-2424.6	1.2	1317	0.09	0.01	1.3	2.62	2.65	C SV I S
Similar to 15	—	2424.6-2425.0	0.4	—	0.009	0.01	2.3	—	—	C SV
Similar to 16	—	2425.0-2425.4	0.4	—	0.008	0.01	1.7	—	—	C I S
15	2426.0	2425.4-2426.2	0.8	1957	0.009	0.01	2.3	2.67	2.73	C SV
16	2426.5	2426.2-2427.2	1.0	1696	0.008	0.01	1.7	2.62	2.67	C SV I S
17	2427.9	2427.2-2431.0	3.8	1465	0.01	0.01	1.0	2.66	2.69	C SV
18	2433.3	2431.0-2439.0	8.0	1913	2.6	2.9	3.1	2.59	2.68	C SV
19	2440.4	2439.0-2441.0	2.0	1855	0.01	0.01	1.0	2.70	2.73	C SV
20	2443.9	2441.0-2445.8	4.8	1842	0.02	1.7	0.5	2.68	2.69	C SV
21	2447.0	2445.8-2447.7	1.9	2583	0.006	0.01	1.7	2.66	2.71	C SV
22	2448.6	2447.7-2449.5	1.8	2175	0.51	3.4	2.6	2.61	2.68	C SV I S
23	2450.8	2449.5-2451.6	2.1	1957	0.01	2.7	0.8	2.63	2.65	C SV S
Similar to 20	—	2451.6-2455.4	3.8	—	0.02	1.7	0.5	—	—	C SV
24	2456.7	2455.4-2458.5	3.1	2096	0.09	0.13	3.5	2.65	2.75	C SV
25	2459.2	2458.5-2461.2	2.7	1809	0.03	0.14	1.6	2.61	2.66	C SV I
Similar to 21	—	2461.2-2463.0	1.8	—	0.006	0.01	1.7	—	—	C SV

CHEMICAL & GEOLOGICAL LABORATORIES LIMITED

LABORATORY REPORT NUMBER: 68124

WELL NO. Briggs Rabbit Lake Number 1.

ACID SOLUBILITY DETERMINATIONS USING 15% HCl

<u>Sample Number</u>	<u>Midpoint of Sample, Feet</u>	<u>% Insoluble</u>	<u>% Soluble by Difference</u>
1	2386.1	5.95	94.05
7	2404.8	3.01	96.99
11	2416.3	1.42	98.58
19	2440.4	0.77	99.23
25	2459.2	0.98	99.02

REPORT ON CORNATE WATER BY EVAPORATION METHOD

<u>Sample Number</u>	<u>Depth Feet</u>	<u>Effective Porosity %</u>	<u>Permeability Millidarcies</u>	<u>Cornate Water % Pure Volume</u>	<u>Calculated Surface Area Kozeny Equation Sa $\frac{CPR}{CB} (10^3)$</u>
2	2389.6	4.4	* 0.01	71.7	14.5
7	2404.8	4.5	* 0.13	59.4	4.0
10	2412.1	0.9	* 0.01	70.0	6.8
15	2426.0	2.3	* 0.01	75.9	10.8
23	2450.8	0.8	* 0.01	70.5	6.3

* Permeability measured on small plugs.

CORE DESCRIPTION SYMBOLS

D	Dense
Co	Coralline Fragments
VC	Vertical Crack
HC	Horizontal Crack
C	Cracks
VF	Open Vertical Fracture
HF	Open Horizontal Fracture
F	Open Fractures
SV	Slightly Vuggy
V	Vuggy
LV	Large Vugs
I	Intergranular
S	Stained
St	Stylolite
A	Anhydrite
Sh	Shale
Dt	Buttoned
U	Unconsolidated
SS	Sandstone
ls	Limestone
Cg	Conglomerate
Py	Pyrites
Sp	Small Flugs
Ufs	Unconsolidated fine sand
SL	Sand Lenses
ShL	Shale Lenses
CSS	Coarse Sandstone
FSS	Fine Sandstone
MSS	Medium Sandstone
Pyb	Pyrobitumen
Shy	Shaly
ClY	Clayey
Sil	Siltstone
R1	Slightly reactive to cold 15% HCl
R2	Reactive to cold 15% HCl
G1	Glauconite
fsal	Fine Sand Lenses
Ca	Calcite
(a)	Unsuitable for test
SI	Slightly Intergranular

GEOLOGICAL REPORT

BRIGGS-RABBIT LAKE NO. 1

N.W.T.

J. C. SPROULE & ASSOCIATES
GEOLOGICAL & EXPLORATION CONSULTANTS

901 EIGHTH AVENUE WEST
CALGARY — ALBERTA

TELEPHONES
24128 - 24374

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Schlumberger Micro log	
Schlumberger Gamma Ray-Neutron log	
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SUMMARY OF PERTINENT DATA

WELL NAME: Briggs Rabbit Lake No. 1
LOCATION: Latitude - $60^{\circ} 55' 32.82''$
 Longitude - $118^{\circ} 48' 04.2''$ } *corr. according to survey plat - ore*
OPERATOR: J.B. White & A.M. Lloyd
GEOLOGICAL SUPERVISION: J.C. Sproule & Associates
ELEVATIONS: Ground - 1058'
 K.B. - 1068'
SPUDDED: February 4, 1955
FINISHED DRILLING: March 17, 1955
HOLE SIZE: 9"
TOTAL DEPTH: 2836'
STATUS: Capped gas well
PRODUCING ZONE: Presqu'ile equivalent
LOGS: Schlumberger E-log 2836' to 158'
 " Micro-log 2833' to 2300'
 " Gamma Ray-Neutron 2836' to 2300'
 " Section Gauge 2836' to 158'

GEOLOGICAL MARKERS (E-LOG):

Hay River Formation	Surface
Lady Evelyn Falls limestone	1448 (- 380)
Territories-Slave Point formation	2382 (-1314)
Presqu'ile equivalent	2578 (-1510)
Pine Point formation	2600 (-1532)
Basal Sand	2806 (-1738)
Precambrian	2830 (-1762)

SUMMARY OF DRILL STEM TESTS:

No. 1 2561-2594 V.O. 1 hr. Gas 1 MMcf/day.
 Rec. 535 feet sulphurous mud.
 No. 2 2575-2588 V.O. 1 hr. Gas 940 Mcf/day.
 Rec. 110 feet black sulphurous mud.

SUMMARY OF DRILL STEM TESTS: (Continued)

- No. 3 2591-2604 V.O. 1 hr. Gas 510 Mcf/day.
Rec. 115 feet black sulphurous sand.
- No. 4 2750-2768 V.O. 1 hr. Rec. 175 feet slightly
gas cut sand.
- No. 5 2770-2807 V.O. 90 min. Rec. 225 feet
slightly oil cut sand, 40 feet salty water.
- No. 6 2575-2600 Misrun.

CORED INTERVALS:

Core No. 1	2382 - 2422	Rec. 40'
Core No. 2	2422 - 2462	Rec. 40'
Core No. 3	2467 - 2507	Rec. 40'
Core No. 4	2511 - 2523	Rec. 9'
Core No. 5	2523 - 2563	Rec. 42'
Core No. 6	2568 - 2587	Rec. 19'
Core No. 7	2587 - 2592	Rec. 5'
Core No. 8	2600 - 2604	Rec. 4'
Core No. 9	2606 - 2646	Rec. 40'
Core No. 10	2768 - 2768	Rec. 20'
Core No. 11	2788 - 2807	Rec. 18'

39'

37'

DAILY LOG OF OPERATIONS

Well Name: Briggs Rabbit Lake No. 1

Feb. 4 Mud: 9.1 lbs., 47 sec.
Finished drilling rat hole.
Spudded 9:30 a.m.
Drilled 9" hole to 40'.

Feb. 5 Mud: 9.2 lbs., 47 sec.
Drilled 9", 40' to 165'.

Feb. 6 Mud: 9.3 lbs., 46 sec.
Drilled 9", 165' to 241'.
Ran E-log, using Brett's Schlumberger unit, from 235' to 30'.
Started reaming to 15".

Feb. 7 Mud: 9.3 lbs., 43 sec.
Reaming to 15".
Sperry at 150', 1/8".

Feb. 8 Finished reaming.
Ran and cemented surface casing.

Feb. 9 Mud: 9.3 lbs., 43 sec.
Drilled 9", 241' to 254'.

Feb. 10 Mud: 9.4 lbs., 45 sec.
Drilled 9", 254' to 460'.
Sperry at 450', 1/4".

Feb. 11 Mud: 9.4 lbs., 46 sec.
Drilled 9", 460' to 781'.

Feb. 12 Mud: 9.5 lbs., 46 sec.
Drilled 9", 781' to 944'.

Feb. 13 Mud: 9.5 lbs., 48 sec.
Drilled 9", 944' to 1146'.

Feb. 14 Mud: 9.5 lbs., 41 sec.
Drilled 9", 1146' to 1325'.
Sperry at 1145', 1/8".

Feb. 15 Mud: 9.6 lbs., 42 sec.
Drilled 9", 1325' to 1500'.

- Feb. 16 Mud: 9.6 lbs., 47 sec.
Drilled 9", 1500' to 1653'.
- Feb. 17 Mud: 9.4 lbs., 45 sec.
Drilled 9", 1653' to 1787'.
Sperry at 1690, 1/4".
- Feb. 18 Mud: 9.8 lbs., 45 sec.
Drilled 9", 1787' to 1944'.
- Feb. 19 Mud: 9.8 lbs., 46 sec.
Drilled 9", 1944' to 2034'.
- Feb. 20 Mud: 9.9 lbs., 45 sec.
Drilled 9", 2034' to 2174'.
- Feb. 21 Mud: 9.9 lbs., 44 sec.
Drilled 9", 2174' to 2261'.
- Feb. 22 Mud: 9.9 lbs., 47 sec.
Drilled 9", 2261' to 2376'.
- Feb. 23 Mud: 10 lbs., 45 sec.
Drilled 9", 2376' to 2380'.
Territories-Slave Point formation - 2376'.
Measured out of hole.
Attempted to run an E-log, using Brett's Schlumberger unit;
results unsatisfactory, apparently because of the presence of
the surface casing. Ran in with junk sub and cut 2' to 2382'.
Ran in with diamond core barrel and started coring.
- Feb. 24 Mud: 10 lbs., 46 sec.
Cut Core No. 1, 2382 to 2422, Rec. 40' of dense limestone with
a few oil bleeding and slightly porous zones.
Ran in with core barrel and started cutting core No. 2.
- Feb. 25 Mud: 10 lbs., 47 sec.
Pulled Core No. 2, 2422 to 2462. Rec. 40' similar limestone.
Started reaming.
- Feb. 26 Mud: 10 lbs., 40 sec.
Reaming.
Started changing over starch base mud.
- Feb. 27 Mud: 9.9 lbs., 65 sec.
Finished changing to starch base mud.
Finished reaming.
Ran in with junk sub, had to ream lower part of hole. Cut 2'
to 2464'.
Circulated to condition mud.

- Feb. 28 Mud: 9.9 lbs., 58 sec.
Pulled out junk sub; found considerable iron; ran in with junk sub and cut 3' to 2467'. Pulled junk sub, ran in with core barrel and started coring.
- Mar. 1 Mud: 9.9 lbs., 48 sec.
Cut and pulled Core No. 3, 2467' to 2507', Rec. 40' dense limestone.
Started reaming.
Sperry at 2460, 1°.
- Mar. 2 Mud: 9.9 lbs., 45 sec.
Reamed to bottom.
Ran in with junk sub and cut 4' to 2511'.
Ran in with core barrel and cut Core No. 4, 2511 to 2523, core jammed.
- Mar. 3 Mud: 9.9 lbs., 46 sec.
Pulled Core No. 4, Rec. 7' fractured limestone, some poor porosity containing oil.
Ran in with core barrel.
Cut and pulled Core No. 5, 2523 to 2563, Rec. 42'. Lower 8½' consisted of green shale with fragments of limestone.
Started in to ream.
- Mar. 4 Mud: 9.9 lbs., 46 sec.
Reamed to bottom.
Ran in with junk sub.
- Mar. 5 Mud: 9.7 lbs., 46 sec.
Cut 5' with junk sub to 2568'. Ran in with core barrel.
Cut core No. 6, 2568 to 2587, Rec. 19'.
Drilling break at 2574'.
Recovery showed lower 13' consisted of porous limestone, possibly gas bearing.
Cut Core No. 7, 2587 to 2592, Rec. 5' of similar limestone, the lower 10" of which was oil stained.
Ordered tester.
Half of the core catcher remained in hole.
- Mar. 6 Mud: 9.7 lbs., 47 sec.
Depth 2592'.
Waiting on tester.
- Mar. 7 Mud: 9.7 lbs., 47 sec.
Tester arrived 5 p.m.
Started reaming.

- Mar. 8 Mud: 9.7 lbs., 48 sec., 6.5 c.c.
Cut 2' with reaming bit to 2594'.
Ran D.S.T. No. 1, Rec. 1 Mcf/day gas, 535' black sulphurous mud, at first thought to be water cut.
Ran D.S.T. No. 2, using straddle packers. Rec. 940 Mcf/day gas and 110' mud.
- Mar. 9 Mud: 9.6 lbs., 55 sec., 4.8 c.c.
Conditioned mud, which showed a tendency to blow out of hole.
Drilled with junk sub to 2600'.
Pulled out junk sub, core catcher not recovered.
- Mar. 10 Mud: 9.7 lbs., 59 sec., 4.5 c.c.
Ran in with conventional core barrel and cut Core No. 8, 2600' to 2604', Rec. 4' dense limestone and shale.
Top of Pine Point formation 2600'.
Ran D.S.T. No. 3, Rec. 510 Mcf/day gas and 115' sulphurous mud.
Ran in with junk sub and cut 2' to 2606'.
- Mar. 11 Mud: 9.6 lbs., 51 sec., 4.8 c.c.
Ran in with diamond core barrel and cut Core No. 9, 2606' to 2646', rec. 40' of black and brown limestone.
Started reaming.
- Mar. 12 Mud: 9.7 lbs., 59 sec., 4.7 c.c.
Finished reaming.
Drilled 9", 2646' to 2652'.
- Mar. 13 Mud: 9.8 lbs., 58 sec., 4.0 c.c.
Drilled 9", 2652' to 2723'.
- Mar. 14 Mud: 9.9 lbs., 58 sec., 4.7 c.c.
Drilled 9", 2723' to 2768'.
Porous dolomite at 2762'.
Ran D.S.T. No. 4, rec. 175' slightly gas-cut mud.
- Mar. 15 Mud: 9.9 lbs., 58 sec., 4.2 c.c.
Cut and recovered Core No. 10, 2768' to 2788', recovered 20' of dolomite with streaks of fair to good porosity, oil stained.
Cut and recovered Core No. 11, 2788' to 2807', recovered 18' of tight dolomite, 3' of green shaly quartz sand at base.
- Mar. 16 Mud: 9.9 lbs., 60 sec.
Ran D.S.T. No. 5, recovered 225' slightly oil-cut mud and salt water.
Reamed and drilled 9", 2807' to 2818'.
- Mar. 17 Mud: 9.9 lbs., 63 sec., 4.2 c.c.
Drilled 9", 2818' to 2834'.
Precambrian at 2827'.
Circulated, waiting on Schlumberger.

- Mar. 18 Mud: 9.9 lbs., 59 sec., 4.7 c.c.
Pulled out to test while waiting on Schlumberger.
Pipe measure corrected to T.D. 2836'.
- Mar. 19 Mud: 9.9 lbs., 60 sec.
Ran D.S.T. No. 6, misrun, top packer failed to hold.
Ran in and circulated while waiting on Schlumberger.
Pulled out and ran Schlumberger Electrical log.
- Mar. 20 Ran Schlumberger micro-log, Section Gauge, Velocity Survey and
Gamma Ray-Neutron log.
- Mar. 21 Waiting on casing.

TIME DRILLING RECORDWell Name: Briggs Rabbit Lake No. 1

Depth		Time		Mins.	Remarks
From	To	Began	Finish		
		Core #1	2382 - 2422		Rec. 40 feet.
2382	2383	7:45	8:00	15	60 R.P.M. - 6,000 lbs.
2383	2384	8:00	8:20	20	60 R.P.M. - 6,000 lbs.
2384	2385	8:20	8:45	25	60 R.P.M. - 8,000 lbs.
2385	2386	8:45	9:15	30	70 R.P.M. - 10,000 lbs.
2386	2387	9:15	9:36	21	
2387	2388	9:36	9:57	21	
2388	2389	9:57	10:13	16	
2389	2390	10:13	10:29	16	
2390	2391	10:29	10:47	18	
2391	2392	10:47	11:11	24	
2392	2393	11:11	11:27	16	
2393	2394	11:27	11:41	14	
2394	2395	11:41	11:57	16	
2395	2396	11:57	12:15	18	
2396	2397	12:15	12:34	19	
2397	2398	12:34	12:55	21	
2398	2399	1:20	1:34	14	Conn. & service rig.
2399	2400	1:34	1:52	18	One-half hour.
2400	2401	1:52	2:15	23	60 R.P.M. - 10,000 lbs.
2401	2402	2:15	2:36	21	
2402	2403	2:36	2:51	15	
2403	2404	2:51	3:12	21	
2404	2405	3:12	3:22	10	
2405	2406	3:22	3:39	17	
2406	2407	3:39	3:56	17	
2407	2408	3:56	4:11	15	
2408	2409	4:11	4:26	15	
2409	2410	4:26	4:45	19	
2410	2411	4:45	5:04	19	
2411	2412	5:04	5:24	21	
2412	2413	5:24	5:46	22	
2413	2414	5:46	6:06	20	
2414	2415	6:06	6:26	20	
2415	2416	6:26	6:43	17	
2416	2417	6:43	7:01	18	
2417	2418	7:01	7:21	20	
2418	2419	7:21	7:45	24	
2419	2420	7:45	8:01	16	
2420	2421	8:01	8:20	19	
2421	2422	8:20	8:36	16	

Depth		Time		Mins.	Remarks
From	To	Began	Finish		
		Core #2	2422 - 2462		Rec. 40 feet.
2422	2423	3:25	3:40	15	60 R.P.M. - 10,000 lbs. 60 - 70 R.P.M. - 10,000 lbs.
2423	2424	3:40	3:57	17	
2424	2425	3:57	4:13	16	
2425	2426	4:13	4:26	13	
2426	2427	4:26	4:42	16	
2427	2428	4:42	4:57	13	
2428	2429	4:57	5:15	18	
2429	2430	5:15	5:31	16	
2430	2431	5:31	5:46	15	
2431	2432	5:46	6:03	17	
2432	2433	6:03	6:17	15	
2433	2434	6:17	6:30	13	
2434	2435	6:30	6:42	12	Connection & mix mud.
2435	2436	8:10	8:28	18	
2436	2437	8:28	8:43	15	
2437	2438	8:43	8:59	16	
2438	2439	8:59	9:14	15	
2439	2440	9:14	9:30	16	
2440	2441	9:30	9:44	14	
2441	2442	9:44	9:59	15	
2442	2443	9:59	10:16	17	
2443	2444	10:16	10:33	17	
2444	2445	10:33	10:51	18	
2445	2446	10:51	11:07	16	
2446	2447	11:07	11:22	15	
2447	2448	11:22	11:39	17	
2448	2449	11:39	11:58	19	
2449	2450	11:58	12:18	20	
2450	2451	12:18	12:42	22	
2451	2452	12:42	1:04	22	
2452	2453	1:04	1:22	18	
2453	2454	1:22	1:38	16	
2454	2455	1:38	1:55	15	
2455	2456	1:55	2:05	13	
2456	2457	2:05	2:18	13	
2457	2458	2:18	2:34	16	
2458	2459	2:34	2:52	16	
2459	2460	2:52	3:10	18	
2460	2461	3:10	3:30	20	
2461	2462	3:30	3:52	22	

Depth		Time		Mins.	Remarks
From	To	Began	Finish		
		Core #3	2467 - 2507		Rec. 40 feet.
2467	2468	3:12	3:25	13	60 R.P.M. - 6,000 lbs.
2468	2469	3:25	3:38	13	60 R.P.M. - 8,000 lbs.
2469	2470	3:38	3:50	12	60 R.P.M. - 10,000 lbs.
2470	2471	3:50	4:02	12	
2471	2472	4:02	4:14	12	
2472	2473	4:14	4:26	12	
2473	2474	4:26	4:40	14	
2474	2475	4:40	4:54	14	
2475	2476	4:54	5:04	10	
2476	2477	5:04	5:15	11	
2477	2478	5:15	5:28	13	
2478	2479	5:28	5:40	12	
2479	2480	5:40	5:54	14	
2480	2481	5:54	6:08	14	
2481	2482	6:08	6:25	17	
2482	2483	6:25	6:42	17	
2483	2484	6:42	7:00	18	
2484	2485	7:00	7:13	13	
2485	2486	7:13	7:25	12	
2486	2487	7:25	7:38	13	
2487	2488	7:38	7:52	14	
2488	2489	7:52	8:09	17	
2489	2490	8:09	8:27	18	
2490	2491	9:05	9:19	14	Conn. & servicing rig - $\frac{1}{2}$ hr.
2491	2492	9:19	9:30	11	
2492	2493	9:30	9:44	14	
2493	2494	9:44	9:56	12	
2494	2495	9:56	10:06	10	
2495	2496	10:06	10:15	9	
2496	2497	10:15	10:26	11	
2497	2498	10:26	10:39	13	
2498	2499	10:39	10:54	15	
2499	2500	10:54	11:08	14	
2500	2501	11:08	11:18	10	
2501	2502	11:18	11:28	10	
2502	2503	11:28	11:37	9	
2503	2504	11:37	11:46	9	
2504	2505	11:46	11:55	9	
2505	2506	11:55	12:03	8	
2506	2507	12:03	12:13	10	

Depth		Time		Mins.	Remarks
From	To	Began	Finish		
		Core #4	2511 - 2523		Rec. 9 feet.
2511	2512	5:00	5:25	25	60 R.P.M. - 6,000 lbs.
2512	2513	5:25	5:45	20	60 R.P.M. - 6,000 lbs.
2513	2514	5:45	6:04	19	60 R.P.M. - 10,000 lbs.
2514	2515	6:04	6:15	11	
2515	2516	6:15	6:31	16	
2516	2517	6:31	6:50	19	
2517	2518	6:50	7:10	20	
2518	2519	7:10	7:31	21	
2519	2520	7:31	7:52	21	
2520	2521	7:52	8:14	22	
2521	2522	8:14	8:34	20	
2522	2523	8:34	10:00	86	Connection. Trip.
		Core #5	2523 - 2563		Rec. 42 feet.
2523	2524	6:15	6:35	20	
2524	2525	6:35	6:50	15	
2525	2526	6:50	7:08	18	
2526	2527	7:08	7:21	13	
2527	2528	7:21	7:35	14	
2528	2529	7:35	7:53	18	
2529	2530	7:53	8:08	15	
2530	2531	8:08	8:24	16	
2531	2532	8:24	8:41	17	
2532	2533	8:41	8:57	16	
2533	2534	8:57	9:20	23	
2534	2535	9:20	9:36	16	
2535	2536	9:36	9:50	14	
2536	2537	9:50	10:04	14	
2537	2538	10:04	10:17	13	
2538	2539	10:17	10:29	16	
2539	2540	10:29	10:44	15	
2540	2541	10:44	11:17	33	
2541	2542	11:17	11:41	24	
2542	2543	11:41	12:04	23	
2543	2544	12:04	12:20	16	
2544	2545	12:20	12:36	16	
2545	2546	12:36	12:52	16	
2546	2547	12:52	1:10	18	
2547	2548	1:10	1:30	20	
2548	2549	1:30	1:50	20	
2549	2550	1:50	2:00	10	
2550	2551	2:00	2:14	14	
2551	2552	2:14	2:27	13	

Depth		Time		Mins.	Remarks
From	To	Began	Finish		
2552	2553	2.27	2.42	15	
2553	2554	2.42	2.58	16	
2554	2555	2.58	3.16	18	
2555	2556	4.20	4.38	18	Conn. Servicing rig
2556	2557	4.38	5.00	22	
2557	2558	5.00	5.23	23	
2558	2559	5.23	5.43	20	
2559	2560	5.43	5.56	13	
2560	2561	5.56	6.11	15	
2561	2562	6.11	6.25	14	
2562	2563	6.25	6.40	15	
		Core #6	2568 - 2587		Rec. 19 feet.
2568	2569	10.00	10.10	10	60 R.P.M. - 6,000 lbs.
2569	2570	10.10	10.27	17	60 R.P.M. - 6,000 lbs.
2570	2571	10.27	10.47	20	60 R.P.M. - 8,000 lbs.
2571	2572	10.47	11.05	18	60 R.P.M. - 10,000 lbs.
2572	2573	11.05	11.21	16	
2573	2574	11.21	11.34	13	
2574	2575	11.34	11.42	8	
2575	2576	11.42	11.51	9	
2576	2577	11.51	11.58	7	
2577	2578	11.58	12.05	7	
2578	2579	12.05	12.12	7	
2579	2580	12.12	12.23	11	
2580	2581	12.23	12.31	8	
2581	2582	12.31	12.37	6	
2582	2583	12.37	12.43	6	
2583	2584	12.43	12.49	6	
2584	2585	12.49	12.56	7	
2585	2586	12.56	1.06	10	
2586	2587	1.06	1.16	10	
		Core #7	2587 - 2592		Rec. 5 feet.
2587	2588	5.18	5.47	29	60 R.P.M. - 6,000 lbs.
2588	2589	5.54	6.04	10	Broke off Reset 10,000 lbs.
2589	2590	6.04	6.12	8	
2590	2591	6.12	6.19	7	
2591	2592	6.19	6.30	11	

Depth		Time		Mins.	Remarks
From	To	Began	Finish		
		Core #8	2600 - 2604		Rec. 4 feet.
2600	2601	4:01	4:25	24	70 R.P.M. - 6,000 lbs.
2601	2602	4:25	4:40	15	70 R.P.M. - 8,000 lbs.
2602	2603	4:40	4:55	15	70 R.P.M. - 10,000 lbs.
2603	2604	4:55	5:10	15	70 R.P.M. - 10,000 lbs.

Pull to test.

Depth		Time		Mins.	Remarks
From	To	Began	Finish		
		Core #9 2606 - 2646			Rec. 40'
2606	2607	2:20	2:37	17	60 R.P.M. - 6,000 lbs. 60 R.P.M. - 8,000 lbs. 60 R.P.M. - 10,000 lbs.
2607	2608	2:37	2:59	22	
2608	2609	2:59	3:20	21	
2609	2610	3:20	3:40	20	Connection.
2610	2611	3:40	3:58	18	
2611	2612	3:58	4:12	14	
2612	2613	4:12	4:29	17	
2613	2614	4:29	4:47	18	
2614	2615	4:47	5:04	17	
2615	2616	5:30	6:00	30	
2616	2617	6:00	6:23	23	
2617	2618	6:23	6:50	27	
2618	2619	6:50	7:10	20	
2619	2620	7:10	7:28	18	
2620	2621	7:28	7:44	16	
2621	2622	7:44	8:06	20	
2622	2623	8:06	8:28	22	
2623	2624	8:28	8:46	18	
2624	2625	8:46	9:04	18	
2625	2626	9:04	9:18	14	
2626	2627	9:18	9:32	14	
2627	2628	9:32	9:50	18	
2628	2629	9:50	10:12	22	
2629	2630	10:12	10:35	23	
2630	2631	10:35	10:55	20	
2631	2632	10:55	11:14	19	
2632	2633	11:14	11:32	18	
2633	2634	11:32	11:48	16	
2634	2635	11:48	12:07	19	
2635	2636	12:07	12:22	15	
2636	2637	12:22	12:40	18	
2637	2638	12:40	12:56	16	
2638	2639	12:56	1:10	14	
2639	2640	1:10	1:25	15	
2640	2641	1:25	1:40	15	
2641	2642	1:40	1:55	15	
2642	2643	1:55	2:15	20	
2643	2644	2:15	2:35	20	
2644	2645	2:35	2:57	22	
2645	2646	2:57	3:20	23	

Depth		Time		Mins.	Remarks
From	To	Began	Finish		
2646	2647	2:40	3:05	25	Drilling
2647	2648	3:05	3:22	17	
2648	2649	3:22	3:45	23	
2649	2650	4:21	4:37	16	
2650	2651	4:21	6:38	18	
2651	2652	10:45	11:15	30	
2652	2653	11:15	12:04	49	
2653	2654	12:15	12:40	25	
2654	2655	12:40	12:54	14	
2655	2656	12:54	1:13	19	
2656	2657	1:13	1:30	17	
2657	2658	1:30	1:56	26	
2658	2659	1:56	2:21	25	
2659	2660	2:21	2:42	21	
2660	2661	2:42	3:04	22	
2661	2662	3:04	3:27	23	
2662	2663	3:27	3:53	26	
2663	2664	3:53	4:12	19	
2664	2665	4:12	4:30	18	
2665	2666	4:30	4:46	16	
2666	2667	4:46	5:00	14	
2667	2668	5:00	5:14	14	
2668	2669	5:14	5:27	13	
2669	2670	5:27	5:41	14	
2670	2671	5:41	5:54	13	
2671	2672	5:54	6:10	16	
2672	2673	6:10	6:23	13	
2673	2674	6:23	6:40	17	
2674	2675	6:40	7:03	23	
2675	2676	7:03	7:25	22	Service rig.
2676	2677	7:25	7:46	21	
2677	2678	8:08	8:29	21	
2678	2679	8:29	8:55	26	
2679	2680	8:55	9:15	20	
2680	2681	9:15	9:34	19	
2681	2682	9:34	9:54	20	
2682	2683	9:54	10:14	20	
2683	2684	10:14	10:40	20	

Depth		Time		Mins.	Remarks
From	To	Began	Finish		
2684	2685	10:40	11:00	20	Drilling Connection
2685	2686	11:25	11:43	18	
2686	2687	11:43	12:01	18	
2687	2688	12:01	12:20	19	
2688	2689	12:20	12:38	18	
2689	2690	12:38	12:58	20	
2690	2691	12:58	1:15	17	
2691	2692	1:15	1:32	17	
2692	2693	1:32	1:48	16	
2693	2694	1:48	2:05	17	
2694	2695	2:05	2:27	22	
2695	2696	2:27	2:50	23	
2696	2697	2:50	3:09	19	
2697	2698	3:09	3:25	14	
2698	2699	3:25	3:43	23	
2699	2700	4:00	4:17	17	
2700	2701	4:17	4:31	14	
2701	2702	4:31	4:50	19	
2702	2703	4:50	5:06	16	
2703	2704	5:06	5:30	24	
2704	2705	5:30	5:51	21	
2705	2706	5:51	6:09	18	
2706	2707	6:09	6:22	12	
2707	2708	6:22	6:30	8	
2708	2709	6:30	6:45	15	
2709	2710	6:45	7:00	15	
2710	2711	7:00	7:16	16	
2711	2712	7:16	7:31	15	
2712	2713	7:31	7:50	19	
2713	2714	7:50	8:07	17	
2714	2715	8:07	8:25	18	
2715	2716	8:51	9:04	13	
2716	2717	9:04	9:20	16	
2717	2718	9:55	10:09	14	
2718	2719	10:09	10:25	16	
2719	2720	10:25	10:42	17	
2720	2721	10:42	11:01	19	
2721	2722	11:01	11:20	19	
2722	2723	11:20	11:36	16	
2723	2724	11:36	11:50	16	
2724	2725	11:50	12:05	15	
2725	2726	12:12	12:24	12	
2726	2727	12:24	12:34	10	
2727	2728	12:34	12:47	13	
2728	2729	12:47	12:59	12	
2729	2730	12:59	1:10	11	

Depth		Time		Mins.	Remarks
From	To	Began	Finish		
2730	2731	1:10	1:22	12	Drilling
2731	2732	1:22	1:49	27	
2732	2733	1:49	2:13	24	
2733	2734	2:13	2:36	23	
2734	2735	2:36	2:50	14	
2735	2736	2:50	3:08	18	
2736	2737	3:08	3:24	16	
2737	2738	3:24	3:40	16	
2738	2739	3:40	3:52	12	
2739	2740	3:52	4:03	11	
2740	2741	4:03	4:14	11	
2741	2742	4:14	4:27	13	
2742	2743	4:27	4:52	25	
2743	2744	4:52	5:05	13	
2744	2745	5:05	5:22	17	
2745	2746	5:36	5:47	11	
2746	2747	5:47	6:00	13	
2747	2748	6:00	6:20	20	
2748	2749	6:20	6:49	29	Trip new bit.
2749	2750	6:49	7:19	30	
2750	2751	11:00	11:17	17	
2751	2752	11:17	11:34	17	
2752	2753	11:34	11:46	12	
2753	2754	11:46	11:57	11	
2754	2755	11:57	12:10	13	
2755	2756	12:10	12:22	12	
2756	2757	12:22	12:34	12	
2757	2758	12:34	12:50	16	
2758	2759	12:50	1:06	16	Circulating samples.
2759	2760	1:06	1:37	31	
2760	2761	1:37	1:53	16	
2761	2762	1:53	2:06	13	
2762	2763	2:06	2:17	11	
2763	2764	2:17	2:28	11	
2764	2765	2:28	2:38	10	
2765	2766	2:38	2:46	8	
2766	2767	2:46	2:53	7	
2767	2768	2:53	3:04	11	Circulating samples.

Depth		Time		Mins.	Remarks
From	To	Began	Finish		
Core #10		2768 - 2788		Rec. 20 feet.	
2768	2769	5:12	5:25	13	60 R.P.M. - 10,000 lbs.
2769	2770	5:25	5:38	13	
2770	2771	5:38	5:47	9	
2771	2772	5:47	5:58	11	
2772	2773	5:58	6:09	11	
2773	2774	6:09	6:18	9	
2774	2775	6:18	6:30	12	
2775	2776	6:30	6:37	7	
2776	2777	6:37	6:42	5	
2777	2778	6:42	6:49	7	
2778	2779	6:49	6:54	5	
2779	2780	6:54	7:01	7	
2780	2781	7:01	7:12	11	
2781	2782	7:12	7:22	10	
2782	2783	7:22	7:31	9	
2783	2784	7:31	7:41	10	
2784	2785	7:41	7:51	10	
2785	2786	7:51	8:05	14	
2786	2787	8:05	8:17	12	
2787	2788	8:17	8:27	10	
Core #11		2788 - 2807		Rec. 18 feet.	
2788	2789	1:27	1:42	15	60 R.P.M. - 6,000 lbs. " " - 6,000 lbs. " " - 10,000 lbs.
2789	2790	1:42	1:57	15	
2790	2791	1:57	2:08	11	
2791	2792	2:08	2:19	11	Ser. rig - connection.
2792	2793	2:19	2:30	11	
2793	2794	2:30	2:45	15	
2794	2795	2:45	3:05	20	
2795	2796	3:05	3:26	21	
2796	2797	3:26	3:42	26	
2797	2798	5:02	5:23	21	
2798	2799	5:23	5:45	22	
2799	2800	5:45	6:06	21	
2800	2801	6:06	6:27	21	
2801	2802	6:27	6:52	25	
2802	2803	6:52	7:22	30	
2803	2804	7:22	7:42	20	
2804	2805	7:42	7:57	15	
2805	2806	7:57	8:18	21	
2806	2807	8:18	8:40	22	

Depth		Time		Mins.	Remarks
From	To	Began	Finish		
2807	2808	9:30	9:40	10	Drilling.
2808	2809	9:40	9:50	10	
2809	2810	9:50	9:59	9	
2810	2811	9:59	10:09	10	
2811	2812	10:09	10:18	9	
2812	2813	10:18	10:27	9	
2813	2814	10:27	10:40	13	
2814	2815	10:40	10:52	12	
2815	2816	10:52	11:05	13	
2816	2817	11:05	11:18	13	
2817	2818	11:18	11:32	14	
2818	2819	11:42	11:55	13	
2819	2820	11:55	12:07	12	
2820	2821	12:07	12:20	13	
2821	2822	12:20	12:33	13	
2822	2823	12:33	12:45	12	
2823	2824	12:45	12:58	13	
2824	2825	12:58	1:11	13	
2825	2826	1:11	1:26	15	
2826	2827	1:26	1:44	18	
2827	2828	1:44	2:08	24	
2828	2829	2:08	2:30	22	
2829	2830	2:30	2:53	23	
2830	2831	2:53	3:15	22	
2831	2832	6:05	6:33	28	
2832	2833	6:33	7:08	35	
2833	2834	7:08	7:45	37	

SAMPLE DESCRIPTIONWell Name: Briggs Rabbit Lake No. 1

<u>Depth</u> <u>(Feet)</u>	<u>Description</u>
<u>Hay River Formation - Surface</u>	
10 - 20	Limestone - light grey to white, fine crystalline. Limestone - light grey, silty to sandy. Sandstone - grey, fine crystalline, limy.
20 - 30	Limestone and sandstone - as above, some of the limestone is cryptocrystalline and shows traces of fragmental texture.
30 - 40	Limestone - light grey, highly silty (coarse silt). Some limy siltstone. Trace of above cryptocrystalline limestone.
40 - 140	Limestone, silty limestone, siltstone and sandstone. Trace of pyrite. Crinoid stems common in the limestone.
140 - 190	Limestone - light brownish grey, fine granular, sandy; some fragmental texture. Some pale greenish grey limy sandstone. Some light grey to white cryptocrystalline limestone. Ostracods (?) at 180.
190 - 210	Limestone - light grey, sandy, fine fragmental texture with some coarse texture. Some brown bituminous (?) matter. Trace of rusty color. Some sandstone. Some light grey to white cryptocrystalline limestone bearing ostracods.
210 - 240	Limestone - fragmental and cryptocrystalline as above. Increased amount of sandstone; sandstone contains small pyrite crystals.
240 - 260	Limestone - light grey, very fine crystalline, trace of fossil fragments. Trace of pyrite. Some soft pyritic, silty limestone.
260 - 270	Limestone - light grey, cryptocrystalline, slightly sandy and argillaceous.
270 - 290	Limestone - as above. Limestone - slightly darker, very sandy, slightly argillaceous.
290 - 300	Sandstone - light grey, fine grained, limy. Some limestone as above.

<u>Depth</u> <u>(Feet)</u>	<u>Description</u>
300 - 310	Limestone - light grey, cryptocrystalline. Some silty and sandy limestone. Trace of sandstone.
310 - 320	Limestone - grey, silty and sandy. Trace of pyrite.
320 - 340	Sandstone - light grey, slight greenish tinge, fine grained, limy; green color due to the presence of a green mineral (glauconite?). Trace of stromatopora at 330.
340 - 360	Sandstone - as above. Some light grey, medium crystalline limestone. Traces of stromatopora and other fossils.
360 - 380	Sandstone and limestone - as above. Traces of greenish grey, limy, micaceous siltstone.
380 - 390	Limestone - light grey, fine granular, sandy. Siltstone - greenish grey, coarse, limy.
390 - 400	Siltstone - grey, greenish cast, coarse, limy. Some silty limestone.
400 - 440	Sandstone - greenish grey, very fine grained, limy. Some sandy limestone.
440 - 450	Sandstone - as above. Some green, slightly calcareous shale.
450 - 460	Sandstone - medium grey, medium grained, limy, trace of pyrite. Some grey, crypto-crystalline, sandy limestone.
460 - 470	Shale - green, calcareous. Trace of above sandstone and limestone.
470 - 480	Limestone - light grey, very fine to medium crystalline; traces of fossil remains. Sandstone - greenish grey, very fine grained, calcareous; micaceous shaly partings.
480 - 540	Sandstone - light greenish grey, very fine grained, calcareous; trace of pyrite. Some medium crystalline sandy limestone. Sandstone becomes coarser with depth.
540 - 550	Sandstone - as above. Shale - green, non-calcareous.
550 - 560	Sandstone - brownish grey, fine grained, slightly calcareous; thin green partings. Shale - green.
560 - 570	Sandstone - as above but finer grained, micaceous. Some siltstone; green shale partings. Some green shale.

<u>Depth</u> (Feet)	<u>Description</u>
570 - 580	As above, trace of grey shale.
580 - 600	Sandstone - grey, very fine to fine-grained, slightly calcareous; green micaceous partings. Some green shale.
600 - 610	Sandstone - grey, very fine to fine-grained, highly micaceous, calcareous; micaceous partings. Shale - green.
610 - 630	As above. Trace of maroon shale.
630 - 660	Sandstone - grey, greenish tinge, very fine to fine-grained, slightly micaceous, slightly calcareous; green shale partings. Some green shale. Grinoid stem at 640.
660 - 700	Shale - green. Sandstone - brownish grey, very fine-grained, slightly calcareous, micaceous; micaceous and green shale partings. Trace of medium grey shale.
700 - 710	Shale - green. Sandstone - greenish grey, very fine-grained, micaceous, calcareous. Some silty, sandy, micaceous shale.
710 - 720	Shale - green and dull maroon. Sandstone - grey, very fine-grained, calcareous; trace of porosity in a few cuttings, which show a pale yellowish fluorescence.
720 - 750	Sandstone - grey, fine-grained, micaceous, slightly calcareous. Traces of porosity. Some shale.
750 - 770	Sandstone - as above with increasing amount of green and maroon shale.
770 - 780	Shale - green and grey. Siltstone - light greenish grey, micromicaceous, calcareous; thin shale laminae.
780 - 820	Shale, siltstone and sandstone.
820 - 840	Sandstone - greenish grey, very fine-grained, calcareous. Some green and dull maroon shale.
840 - 850	Shale - green and dark maroon. Some greenish grey calcareous sandstone and siltstone.

<u>Depth</u> <u>(Feet)</u>	<u>Description</u>
850 - 870	Sandstone - greenish grey, very fine to fine-grained, calcareous. Some siltstone. Crinoid stem. Some shale.
870 - 880	Siltstone - grey and greenish grey, calcareous, gradational with sandstone. One cutting of sandstone which appears oil-stained, fluoresces with greenish light.
880 - 900	Sandstone - greenish grey, fine-grained, calcareous, micaceous. Some shale.
900 - 920	Siltstone - greenish grey, calcareous, in part sandy. Shale - green and dark maroon, slightly calcareous. Shale may be in thin laminae in the siltstone.
920 - 1020	Shale - dark maroon; some green shale. Some siltstone. Traces of sandstone and limestone.
1020 - 1030	Shale - as above. Trace of calcareous sandstone, one cutting of which shows a greenish brown oil (?) stain and fluoresces green. Traces of light grey limestone.
1030 - 1040	Sandstone - light grey and greenish grey, very fine-grained, gradational with siltstone, calcareous. Limestone - light grey, slightly sandy. Some green and maroon shale.
1040 - 1060	Siltstone - green, calcareous, coarse, grading into a sandstone. Shale - green. Trace of oil-stained sandstone, which gives greenish yellow fluorescence, at 1050.
1060 - 1100	Sandstone - greenish grey, very fine-grained, calcareous, gradational with very sandy limestone; fine pyrite.
1100 - 1120	Shale - green. Some silt, sandstone and limestone. Trace of oil-stained sandstone.
1120 - 1140	Sandstone - greenish grey, very fine-grained, calcareous. Some shale and sandy limestone.
1140 - 1150	Shale - green. Trace of sandy limestone and sandstone.
1150 - 1160	Shale - green. Some greenish grey calcareous sandstone.
1160 - 1190	Shale - green. Traces of sandy shale, argillaceous limestone and pyrite.

<u>Depth</u> (Feet)	<u>Description</u>
1190 - 1450	Shale - as above. Traces of sandy shale, sandstone, limestone and brown-maroon shale. Brachiopod fragment at 1230. Trace of very light grey sandy limestone at 1420. <u>Lady Evelyn Falls Limestone - 1448' (E-log)</u>
1450 - 1460	Limestone - grey, dense to very fine crystalline, argillaceous; gradational into greenish grey calcareous shale. Shale - green; some dull maroon shale.
1460 - 1480	Limestone, calcareous shale and shale as above with traces of very fine to fine-grained calcareous sandstone.
1480 - 1510	Shale - dull greenish grey, calcareous, micromicaceous. Some slightly calcareous, argillaceous siltstone. Some green non-calcareous shale.
1510 - 1520	Limestone - dull grey, cryptocrystalline, argillaceous.
1520 - 1540	Limestone - as above, in part sandy. Shale - green.
1540 - 1570	Shale - dull greenish grey, calcareous. Some argillaceous limestone and green shale.
1570 - 1580	Shale - green. Some calcareous shale and trace of argillaceous limestone.
1580 - 1600	Limestone - dull grey, argillaceous, dense. Some green shale.
1600 - 1660	Shale - dull grey, greenish tinge, highly calcareous; gradational with highly argillaceous limestone. Some green shale.
1660 - 1670	Limestone - brownish grey, dense, argillaceous. Some green shale.
1670 - 1690	Limestone - light brown, cryptocrystalline to dense, slightly argillaceous. Some green shale.
1690 - 1700	Shale - green, non-calcareous. Some greenish grey calcareous shale. Trace of limestone.
1700 - 1720	Shale - calcareous. Some limestone. Traces of clean limestone and sandstone which are probably cavings.
1720 - 1830	Shale - green, and greenish to brownish grey, calcareous. Cavings of limestone, etc.

<u>Depth</u> (Feet)	<u>Description</u>
1830 - 1850	Shale - green, splintery. Trace of greenish grey calcareous shale.
1850 - 1960	Shale - green, interbedded with greenish to brownish grey calcareous shale. Trace of limestone and sandstone.
1960 - 1990	Shale - green; silty and sandy stringers. Trace of calcareous shale.
1990 - 2000	Shale - green. Some greenish grey calcareous shale. Trace of sandstone and limestone.
2000 - 2040	Shale - greenish grey, calcareous. Some green shale.
2040 - 2060	Shale - green and greenish grey.
2060 - 2080	Limestone - greenish brown to grey, dense, highly argillaceous, gradational with greenish grey calcareous shale. Some green shale (probably cavings).
2080 - 2090	Shale - greenish grey, calcareous. Some green shale.
2090 - 2120	Shale - as above, more calcareous, bordering on an argillaceous limestone. A few cuttings show a cryptocrystalline texture.
2120 - 2130	Mainly green shale with some greenish grey calcareous shale.
2130 - 2180	Shale - greenish grey, calcareous. Some green shale.
2180 - 2210	Shale - as above, becoming more calcareous, bordering on an argillaceous limestone. Some brownish grey argillaceous limestone.
2210 - 2220	Limestone - brownish grey, dense, argillaceous.
2220 - 2240	Limestone - as above. Some cryptocrystalline silty limestone.
2240 - 2250	Shale - green. Some calcareous shale and argillaceous limestone.
2250 - 2280	Shale - green. Traces of brownish grey, non-calcareous shale, greenish grey, micaceous siltstone, calcareous shale and limestones.
2280 - 2290	Limestone - medium grey, cryptocrystalline, silty, hard. Shale - green.

<u>Depth (Feet)</u>	<u>Description</u>
2290 - 2300	Shale - green. Some limestone.
2300 - 2310	Shale - green. Some greenish grey shale mottled with dark grey, waxy shale. Traces of siltstone, sandstone and limestone.
2310 - 2320	Shale - green. Traces of dull maroon and mottled shale. Some calcareous siltstone and very fine-grained sandstone.
2320 - 2340	Shale - as above. Some calcareous sandstone and sandy limestone.
2340 - 2350	Shale - green and mottled. Limestone - light gray, slightly to very sandy.
2350 - 2360	Shale - greenish grey, mottled with tiny dark streaks and dots.
2360 - 2376	Shale - green and mottled. Traces of sandstone, siltstone, limestone and pyrite.
2376 - 2382	Limestone - light brown, crypto to medium crystalline; dissolves leaving a brown scum. Fluoresces with a sickly green color. Abundant pyrite.

Territories-Slave Point Formation - 2382' (E-log)

2382 - 2462	Cored.
2462 - 2467	Limestone - as in Core No. 2.
2467 - 2507	Cored.
2507 - 2511	Limestone - as in Core No. 3.
2511 - 2563	Cored.
2563 - 2568	Shale and limestone, as in base of Core No. 5.

Presqu'ile Equivalent - 2578' (E-log)

2568 - 2592	Cored.
2592 - 2600	Limestone - as in Core No. 7.
2600 - 2604	Cored.
2604 - 2606	Limestone - as in Core No. 8.
2606 - 2646	Cored.

Pine Point Formation - 2600' (E-log)

<u>Depth (Feet)</u>	<u>Description</u>
2646 - 2655	Limestone - light to dark brown, cryptocrystalline; a few black argillaceous partings; fossil fragments.
2655 - 2660	Limestone - as above. Some light brownish grey limestone.
2660 - 2670	Limestone - light brownish grey, cryptocrystalline; black argillaceous partings. Some dark brown limestone; fossil fragments.
2670 - 2675	Limestone - light brownish grey, very fine granular, argillaceous. Some cryptocrystalline limestone.
2675 - 2695	Limestone - light gray to dark brown, chalky to cryptocrystalline; in part argillaceous; black shale partings. Some green shale with pyrite (cavings?).
2695 - 2715	Limestone - light gray to light brown, cryptocrystalline to dense with some chalky limestone.
2715 - 2720	Limestone - light brownish grey, cryptocrystalline, in part chalky. Some brown limestone.
2720 - 2735	Limestone - as above. Some light gray to brown, very fine crystalline dolomite, tight, slightly oil stained.
2735 - 2740	Dolomite and dolomitic limestone - light brown to brown, crypto to very fine crystalline. Some limestone. Trace of pyrite and calcite.
2740 - 2745	Limestone - light grey, crypto-crystalline. Some light brown, fine granular dolomitic limestone. Some brown, crypto-crystalline dolomite.
2745 - 2750	Dolomite - light grey, crypto-crystalline; traces of poor porosity and oil staining. Some light grey limestone.
2750 - 2755	Limestone - light grey to white, crypto to fine crystalline, trace of calcite. Some dolomite as above.
2755 - 2760	Dolomite - light yellowish grey, crypto-crystalline. Trace of limestone.
2760 - 2765	Dolomite - as above, some brown very fine crystalline dolomite with <u>good intercrystalline porosity, oil stained.</u>
2765 - 2768	Dolomite - as above, <u>poor to good porosity, stained light brown by oil.</u>

<u>Depth</u> <u>(Feet)</u>	<u>Description</u>
2768 - 2807	Cored. <u>Basal Sand - 2806'</u> (E-log)
2807 - 2820	Sandstone - coarse grained, quartzose, a few feldspar cuttings, angular to sub-rounded; matrix of bright green shale; pyrite.
2820 - 2825	As above; a few granite grains.
2825 - 2827	Granite wash - coarse grains of quartz and granite, green shale matrix. <u>Precambrian - 2830'</u> (E-log)
2827 - 2834	Granite - fresh, pink.

CORE DESCRIPTION

Well Name: Briggs Rabbit Lake No. 1

<u>Depth</u>	<u>Description</u>
<u>Territories-Slave Point Formation - 2382' (E-log)</u>	
Core #1	2382 - 2422 Rec. 40'.
4'6"	Limestone - brown, very fine crystalline, traces of fossil remains, very poorly preserved; trace of <u>pin-point porosity</u> in places. The rock is in part composed of bryozoa, only traces of the original structure remain; the porosity is related to the organic structure. Black stylolites and partings. The rock presents a mottled appearance in certain layers which may be related to its original fossiliferous nature. <u>Trace of oil bleeding.</u>
0'6"	Limestone - as above; mottled, irregular blobs up to 2" in diameter of lighter colored limestone.
7'	Limestone - as above, some mottling.
8'	Limestone - light brown, cryptocrystalline to dense; scattered calcite inclusions; thin bands up to 6" thick of limestone with <u>pin-point porosity (bleeding oil slowly)</u> occur about 2' apart throughout the section. Black stylolites. A few small smooth fossils which resemble ostracods.
15'	Limestone - brown, cryptocrystalline; scattered layers, as above, of poorly preserved organic texture with associated <u>poor pin-point porosity and oil bleeding.</u> Black stylolites.
5'	Limestone - light brown, dense; <u>thin bands of poor pin-point porosity as described above.</u>
Core #2	2422 - 2462 Rec. 40'.
40'	Limestone - light brown to brown, crypto to fine crystalline, stylolites; <u>scattered pin-point porosity, bleeding oil in upper 30'.</u>
Core #3	2467 - 2507 Rec. 40'.
3'	Limestone - light brownish grey, dense, sublithographic; a few small inclusions and veinlets of calcite; a few black, bituminous stylolites.

<u>Depth</u>	<u>Description</u>
2'	Limestone - as above with bands of what appear to be bryozoa which have pore spaces filled by calcite and are outlined with pyrobitumen.
2'6"	Limestone - brown, cryptocrystalline; bryozoa layers as above; black stylolites or irregular partings; some calcite; abundant tiny flecks of pyrobitumen.
4'6"	Limestone - brown, bituminous; inclusions, which appear to be organic (corals or bryozoa) of cleaner, cryptocrystalline limestone; inclusions give rock a mottled appearance.
5'	Limestone - brown, cryptocrystalline; mottling as above; a few black stylolites; some vertical fracturing.
1'6"	Limestone - light brown, cryptocrystalline to dense; a few calcite inclusions and veinlets.
16'6"	Limestone - brown, cryptocrystalline; layers of organic mottling; small pyrobitumen inclusions associated with the organic material; a few black partings. Some poor porosity in some of the organic layers.
3'8"	Limestone - as above; traces of fragmental texture.
1'4"	Limestone - light brown, cryptocrystalline; some organic mottling, trace of porosity; some vertical fracturing.
Core #4	2511 - 2523 Rec. 9'.
1'9"	Limestone - light brown, cryptocrystalline; small calcite inclusions; vertical fractures.
0'5"	Limestone - light brown, cryptocrystalline, <u>pin-point porosity</u> , <u>oil bleeding</u> , <u>fluoresces</u> .
0'10"	Limestone - brown, cryptocrystalline; abundant black, bituminous material.
4'7"	Limestone - brown, cryptocrystalline; tiny calcite inclusions; some organic mottling.
1'	Limestone - as above; <u>pin-point porosity</u> , <u>oil stained</u> .
0'5"	Limestone - light brown, cryptocrystalline.
Core #5	2523 - 2563 Rec. 42'.
2'	Limestone - light brown, cryptocrystalline, sublithographic; calcite flecks and veinlets, grading into limestone below.

<u>Depth</u>	<u>Description</u>
4'	Limestone - brown, cryptocrystalline, traces of fragmental texture; a few irregular, black, bituminous laminae, gradational with limestone below.
3'6"	Limestone - dark brown, cryptocrystalline; mottling due to organic content; gradational with limestone below.
1'6"	Limestone - grey, slight greenish tinge, dense; organic mottling as above, abundant fossil fragments in the form of calcite; gradational with limestone below.
1'6"	Limestone - grey, greenish tinge, cryptocrystalline to dense, tiny calcite inclusions, probably related to organic remains.
1'	Limestone - dark brown, cryptocrystalline; slightly argillaceous; some black bituminous laminae.
4'	Limestone - grey, greenish tinge, dense; tiny calcite inclusions; some grey and greenish grey partings; some organic mottling.
1'	Limestone - brown, dense, mottled with medium grey limestone.
9'6"	Limestone - medium grey, dense, argillaceous, mottled with brown dense limestone; dark grey argillaceous breaks; a few fossil remains in lower 3'.
0'6"	Shale - light green, blocky, soft, non-calcareous.
5'	Limestone - brown, cryptocrystalline, fragmental texture; some <u>poor porosity</u> ; <u>bleeds oil</u> ; <u>fluoresces</u> .
8'6"	Shale and limestone - shale is green, blocky, soft, pyritic. Limestone occurs in irregular chunks, up to 8" in diameter; limestone is light brown, cryptocrystalline.
Core #6	2568 - 2587 Sec. 19'.
6'	Shale - green, soft; some pyrite; bedding planes dip up to 25°; irregular inclusions of limestone; a few thin fragmental layers composed mainly of crinoid stems; abrupt contact with limestone below.
	<u>Presqu'ile Equivalent - 2578' (E-log)</u>
13'	Limestone - light grey, cryptocrystalline, soft, friable, fine fragmental; a few stylolites; no visible porosity but appears porous from specific gravity and power to absorb fluid; gassy odor when fresh; no fluorescence; a few large fossil fragments.

<u>Depth</u>	<u>Description</u>
Core #7	2587 - 2592 Rec. 5'.
4'	Limestone - as above.
0'2"	Shale - black, brown streak, interbedded limestone.
0'10"	Limestone - as above, oil stained, fluoresces.
Core #8	2600 - 2604 Rec. 4'.
	<u>Pine Point Formation - 2600' (E-log)</u>
0'4"	Limestone - brown, cryptocrystalline, hard.
0'4"	Shale - dark brown, brown streak, sulphur stench, highly fossiliferous; fossils include mainly brachiopod fragments and some bryozoa and crinoid stems; shale is interbedded with brown fine to medium crystalline limestone.
3'4"	Limestone and shale interbedded.
Core #9	2606 - 2646 Rec. 40'.
10'8"	Limestone - dark brown, highly argillaceous, highly fossiliferous; fetid odor. Thin layers of dark brown, hard, calcareous shale. Fossils include crinoid stems, cup corals, bryozoa and brachiopods. (Stropheodonta type).
1'4"	Limestone - dark brown to black, very argillaceous, hard.
3'4"	Limestone - light brown, crypto to fine crystalline; <u>bleeds a small amount of oil.</u>
2'6"	Limestone - dark brown to black, very argillaceous, hard; contains large fragments of limestone as below.
4'10"	Limestone - brown, crypto to medium crystalline, in part argillaceous, fossiliferous. A few thin shale partings.
1'10"	Limestone - dark brown to black, very argillaceous, hard.
0'9"	Limestone - brown, cryptocrystalline to dense.
7'2"	Limestone - dark brown, cryptocrystalline, very argillaceous, fossiliferous; crinoid stems, brachiopods and other unrecognizable forms.
0'10"	Limestone - dark brown to black, very argillaceous, hard.

<u>Depth</u>	<u>Description</u>
1'2"	Limestone - dark brown, very argillaceous, fossiliferous; fragments of limestone as below.
2'	Limestone - brown, cryptocrystalline, <u>bleeds a small amount of oil</u> ; fossiliferous in lower 8"; one irregular argillaceous band 4" from base.
3'7"	Limestone - dark brown to black, very argillaceous, hard; trace of small brachiopods.
	The entire core has a rank sulphur odor.
Core #10	2763 - 2783 Rec. 20'.
7'6"	Dolomite - light brown, crypto to very fine crystalline, some sugary texture; <u>some intercrystalline and pin-point porosity occurring in bands 2" to 3" thick throughout the rock</u> . Thin bands of dark argillaceous material concentrated in last 2'. <u>Oil staining and bleeding.</u>
5'	Dolomite - light brown, crypto to very fine crystalline, <u>poor to good porosity, oil stained</u> ; thin dark argillaceous layers and partings.
6'6"	Dolomite - light brownish grey, crypto to very fine crystalline, sugary texture; bands of argillaceous material ranging from parting up to 1 1/2"; <u>some poor porosity, oil stained</u> . Lower 2' show distortion of bedding planes.
1'	Dolomite - light brown, crypto to fine crystalline, <u>some poor porosity, oil stained</u> ; traces of anhydrite.
Core #11	2783 - 2807 Rec. 18'.
1'6"	Dolomite - light brown, crypto to very fine crystalline, <u>some poor porosity, bleeding oil</u> ; small irregular blobs of white anhydrite; a 1" green shale band near the top.
1'6"	Dolomite - light brownish grey, dense; thin wavy bands of dark grey shale, one shale band 1" thick.
3'2"	Dolomite - light brownish grey, dense; some dark mottling.
0'1"	Shale - green, dolomite inclusions.
0'7"	Dolomite - as above; lower 1" brecciated with shale.
0'4"	Shale - bright green, dark grey at base; contains abundant spherules of pyrite and a few quartz grains; a layer of pyrite crystals at base.

<u>Depth</u>	<u>Description</u>
0'3"	Dolomite - as above with thin shale laminae.
0'10"	Shale - as above; layers of dolomite fragments at base.
0'6"	Dolomite and shale interbedded, very fine beds.
1'5"	Dolomite - grey, cryptocrystalline to dense; some fine pyrite.
1'	Dolomite and shale - interbedded; thin wavy bedding.
3'10"	Dolomite - as above; a few thin shale laminae.
	<u>Basal Sand - 2806' (E-log)</u>
3'	Sandstone - green, fine to coarse, poorly sorted, angular to rounded grains of quartz in a green shale matrix; a few quartz pebbles (one over 3") near base.

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

10568 - 114th Street

EDMONTON, ALBERTA

Phones: 25624

42562

GAS ANALYSIS REPORT

FIELD **Rabbit Lake, N. W. T.** WELL NO. **Briggs Rabbit Lake Number 1.**
 OPERATOR **c/o J.C. Sproule & Associates.** LOCATION **60° 54' N. Lat. 118° 47' W. Long. N.W.T.**
 SAND **Devonian Lime** DEPTHS **2578'-2600'** LAB NO. **6852.**
 ANALYZED BY **Chemical & Geological Labs. Ltd.** DATE **April 5, 1955.**
 REMARKS **7 p.s.i.g. on container number 85 at laboratory. Insufficient sample for complete.**

ORSAT ANALYSIS

	% by Volume
Oxygen	<u>0</u>
Nitrogen	<u>3.76</u>
Carbon dioxide	<u>0.20</u>
Hydrogen sulfide	<u>0.51</u>
Total hydrocarbons	<u>95.53</u>
	<u> </u>
	<u> </u>
Average "n"	<u>1.112</u>

PODBIELNIAK

Low Temperature Fractionation

Oxygen	_____	_____	_____
Nitrogen	_____	_____	_____
Carbon dioxide	_____	_____	_____
Hydrogen sulfide	_____	_____	_____
Methane	_____	_____	_____
Ethane	_____	_____	_____
Propane	_____	_____	_____
Isobutane	_____	_____	_____
N-butane	_____	_____	_____
Isopentane	_____	_____	_____
N-pentane	_____	_____	_____
Diisopropyl	_____	_____	_____
N-Hexane	_____	_____	_____
Heptanes and Higher	_____	_____	_____

TOTAL

HYDROGEN SULFIDE

(by Tutwiler Method)

Grains of hydrogen sulfide per
100 cu. ft. of gas at 60°F. and14.7 lbs. per sq. in. 321.014.4 lbs. per sq. in. 318.5Percentage of Hydrogen sulfide 0.51

GROSS B.T.U.

60°F. and 14.7 p.s.i.a. 1,04760°F. and 14.4 p.s.i.a. 1,026

Remarks and Conclusions:

G.P.M.

Actual pentanes +
 Calculated at 12 lbs.
 Calculated at 15 lbs.
 Calculated at 22 lbs.
 Calculated at 26 lbs.

Vapor pressure (calculated)
of actual pentanes +Specific Gravity Calculated
Specific Gravity by Weight0.6260.627

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

10568 - 114th Street, Edmonton, Alberta

Phones 25621 and 42562

2706 Centre Street N., Calgary, Alberta

Phone 76149

WATER ANALYSIS REPORT

Field Rabbit Lake (Hay River) N.W.T. Well No. Briggs Rabbit Lake No.1
 Operator J.C. Sproule & Associates Location 118° 47' W. Long.
 Sampled by _____ Date Received April 6, 1955
 Formation _____ Depths _____ How Sampled _____
 Other pertinent data Recovered 225' oil-cut mud. 40' salt water.

Analyzed by Chemical & Geological Labs.Ltd. Date April 9, 1955 Lab. No. C 581

PARTS PER MILLION (MILLIGRAMS PER LITER)

Na & K	Ca	Mg	Fe	SO ₄	Cl	CO ₃	HCO ₃	OH	H ₂ S
33,557	9,101	2,156		1,560	72,880		208		

MILLIGRAM EQUIVALENTS

1459.72	454.14	177.22		32.45	2055.22		3.41		
---------	--------	--------	--	-------	---------	--	------	--	--

MILLIGRAM EQUIVALENTS IN PERCENT

34.90	10.86	4.24		0.78	49.14		0.08		
-------	-------	------	--	------	-------	--	------	--	--

Total Solids in Parts
per Million

By evaporation 133,750
 After ignition 115,550
 Calculated 119,356

Specific Gravity 1.084
 Observed pH 7.4
 Resistivity 0.105 ohm meters @ 68° F.

Properties of Reaction in
Percent

Primary salinity 69.80
 Secondary salinity 30.04
 Primary alkalinity ---
 Secondary alkalinity 0.16
 Chloride salinity 98.64
 Sulfate salinity 1.36

Remarks and conclusions _____

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

10568 - 114 St.

EDMONTON, ALBERTA

PHONES: 25624
42562

FULL DIAMETER CORE STUDY

OPERATOR J.C. Sproule and Associates

FIELD Hay River, N. W. T.

WELL NO. Briggs Rabbit Lake Number 1.

LOCATION 118° 47' W. Long.

FORMATION Limestone

DEPTHS 2382.0' - 2463.0' DATE April 6, 1955. LAB NO. 6812A

Footage of Limestone formation cored

80.0'

No. of representative samples selected for analysis

25.

FEET OF CORE:

Received at laboratory for analysis

79.0'

Compared (to tested samples)

8.3'

Not accounted for:

1.0'

Dense sections not represented

—

Represented by samples

70.7'

Badly fractured sections not represented

—

SUMMARY OF REPRESENTED SECTIONS:

(1) $\frac{\text{represented}}{\text{received}}$

$\frac{79.0}{80.0}$

(2) $\frac{\text{represented}}{\text{cored}}$

$\frac{79.0}{80.0}$

Weighted average porosity

2.32 %

Maximum porosity

4.6 %

Weighted average radial permeability

0.68 md.

Minimum porosity

0.5 %

Weighted average vertical permeability

0.38 md.

Maximum radial permeability

3.4 md.

Weighted average maximum permeability

0.77 md.

Minimum radial permeability

0.005 md.

Porosity Feet

183.12

Maximum vertical permeability

2.6 md.

Minimum vertical permeability

0.003 md.

CORE WITH MAXIMUM PERMEABILITY:

10.0 md. or greater

between 1.0 and 9.9 md.
inclusive

less than 1.0 md.

Footage

23.4'

55.6'

Weighted average porosity

1.85 %

2.51 %

Weighted average radial permeability

2.12 md.

0.074 md.

Weighted average vertical permeability

1.22 md.

0.031 md.

Porosity feet

13.29

139.83

37.

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

Operator J.C. Sproule and Associates.

Well No. Briggs Rabbit Lake Number 1.

Lab No. 6312A

Date April 6, 1955.

Sample Number	Midpoint of Sample in Ft.	Representative of Feet	Footage Rep.	Core Wt. Gms.	Permeability md. Vertical	Radial	% Porosity	Bulk Density	Matrix	Description
Core Number 1			2382'-2422'		Recovered 38.0 Feet.					
1	2386.1	2382.0-2387.0	5.0	1779	0.003	0.01	4.0	2.59	2.69	C SV
2	2389.6	2387.0-2390.0	3.0	1765	0.01	0.27	4.4	2.60	2.72	C SV
3	2391.1	2390.0-2394.2	4.2	1598	0.03	0.15	4.6	2.57	2.70	C SV
4	2394.9	2394.2-2397.8	3.6	1225	0.004	0.27	2.1	2.63	2.69	C SV
5	2399.3	2397.8-2401.0	3.2	1525	0.07	0.02	1.8	2.69	2.74	C SV
6	2402.0	2401.0-2402.2	1.2	1064	0.005	0.02	3.3	2.64	2.73	C SV S
7	2404.8	2402.2-2405.5	3.3	1596	0.009	0.13	4.5	2.59	2.71	C SV
8	2407.7	2405.5-2408.4	2.9	1839	2.3	0.005	2.7	2.60	2.67	VC SV S
9	2409.7	2408.4-2411.0	2.6	1652	0.02	0.02	2.2	2.62	2.68	C SV
10	2412.1	2411.0-2415.5	4.5	1458	0.02	0.01	0.9	2.63	2.71	C SV
11	2416.3	2415.5-2417.7	2.2	1904	0.23	0.01	1.9	2.61	2.66	C SV I
12	2418.1	2417.7-2419.0	1.3	1724	0.007	0.06	2.5	2.64	2.71	C SV I S
Similar to 10		2419.0-2420.0	1.0	—	0.02	0.01	0.9	—	—	C SV
Missing		—	2.0	—	—	—	—	—	—	—
Core Number 2			2422'-2462'		Recovered 41.0 Feet.					
Similar to 15		2422.0-2422.5	0.5	—	0.009	0.01	2.3	—	—	C SV
13	2422.8	2422.5-2423.0	0.5	1505	0.005	0.006	2.1	2.61	2.67	C SV I S
Similar to 15		2423.0-2423.4	0.4	—	0.009	0.01	2.3	—	—	C SV
14	2423.6	2423.4-2424.6	1.2	1317	0.09	0.01	1.3	2.62	2.65	C SV I S
Similar to 15		2424.6-2425.0	0.4	—	0.009	0.01	2.3	—	—	C SV
Similar to 16		2425.0-2425.4	0.4	—	0.008	0.01	1.7	—	—	C I S
15	2426.0	2425.4-2426.2	0.8	1957	0.009	0.01	2.3	2.67	2.73	C SV
16	2426.5	2426.2-2427.2	1.0	1696	0.008	0.01	1.7	2.62	2.67	C SV I S
17	2427.9	2427.2-2431.0	3.8	1465	0.01	0.01	1.0	2.66	2.69	C SV
18	2433.3	2431.0-2439.0	8.0	1913	2.6	2.9	3.1	2.59	2.68	C SV
19	2440.4	2439.0-2441.0	2.0	1855	0.01	0.01	1.0	2.70	2.73	C SV
20	2443.9	2441.0-2445.8	4.8	1842	0.02	1.7	0.5	2.68	2.69	C SV
21	2447.0	2445.8-2447.7	1.9	2583	0.006	0.01	1.7	2.66	2.71	C SV
22	2448.6	2447.7-2449.5	1.8	2175	0.51	3.4	2.6	2.61	2.68	C SV I S
23	2450.8	2449.5-2451.6	2.1	1957	0.01	2.7	0.8	2.63	2.55	C SV S
Similar to 20		2451.6-2455.4	3.8	—	0.02	1.7	0.5	—	—	C SV
24	2456.7	2455.4-2458.5	3.1	2096	0.09	0.13	3.5	2.65	2.75	C SV
25	2459.2	2458.5-2461.2	2.7	1809	0.03	0.14	1.6	2.61	2.66	C SV I
Similar to 21		2461.2-2463.0	1.8	—	0.006	0.01	1.7	—	—	C SV

CHEMICAL & GEOLOGICAL LABORATORIES LIMITED

LABORATORY REPORT NUMBER: 6812A

WELL NO. Briggs Rabbit Lake Number 1.

ACID SOLUBILITY DETERMINATIONS USING 15% HCl

<u>Sample Number</u>	<u>Midpoint of Sample, Feet</u>	<u>% Insoluble</u>	<u>% Soluble by Difference</u>
1	2386.1	5.95	94.05
7	2404.8	3.01	96.99
11	2416.3	1.42	98.58
19	2440.4	0.77	99.23
25	2459.2	0.98	99.02

REPORT ON COMBATE WATER BY EVAPORATION METHOD

<u>Sample Number</u>	<u>Depth Feet</u>	<u>Effective Porosity %</u>	<u>Permeability Millidarcies</u>	<u>Combat Water % Pure Volume</u>	<u>Calculated Surface Area Kozary Equation Sa CM²/CM³ (10³)</u>
2	2389.6	4.4	* 0.01	71.7	14.5
7	2404.8	4.5	* 0.13	59.4	4.0
10	2412.1	0.9	* 0.01	70.0	6.8
15	2426.0	2.3	* 0.01	75.9	10.8
23	2450.8	0.8	* 0.01	70.5	6.3

* Permeability measured on small plugs.

CORE DESCRIPTION SYMBOLS

D	Dense
Co	Coralline Fragments
VC	Vertical Crack
HC	Horizontal Crack
C	Cracks
VF	Open Vertical Fracture
HF	Open Horizontal Fracture
F	Open Fractures
SV	Slightly Vuggy
V	Vuggy
LV	Large Vugs
I	Intergranular
S	Stained
St	Stylolite
A	Anhydrite
Sh	Shale
Dt	Buttomed
U	Unconsolidated
SS	Sandstone
la	Limestone
Cg	Conglomerate
Py	Pyrites
Sp	Small Flugs
Ufs	Unconsolidated fine sand
SL	Sand Lenses
ShL	Shale Lenses
CSS	Coarse Sandstone
fss	Fine Sandstone
MSS	Medium Sandstone
Pyb	Pyrobitumen
Shy	Shaly
Cly	Clayey
Sil	Siltstone
R1	Slightly reactive to cold 15% HCl
R2	Reactive to cold 15% HCl
Gl	Glaucanite
fsal	Fine Sand Lenses
Ca	Calcite
(a)	Unsuitable for test
SI	Slightly Intergranular

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

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EDMONTON, ALBERTA

PHONES: 25624
42562

FULL DIAMETER CORE STUDY

OPERATOR J.C. Sproule and Associates FIELD Hay River, N.W.T. WELL NO. Briggs Rabbit Lake No.1
LOCATION 118° 47' W Long. FORMATION Limestone DEPTHS 2568'-2592' DATE March 20, 1955 LAB NO. 6812

Footage of <u>Limestone</u> formation cored	24.0'	No. of representative samples selected for analysis	12
<u>FEET OF CORE:</u>			
Received at laboratory for analysis	20.0'	Compared (to tested samples)	5.6'
Not accounted for	4.0'	Dense sections not represented	1.0'
Represented by samples	13.4'	Badly fractured sections not represented	---
<u>SUMMARY OF REPRESENTED SECTIONS:</u>		(1) $\frac{\text{represented}}{\text{received}} = \frac{19.0}{20.0}$	(2) $\frac{\text{represented}}{\text{cored}} = \frac{19.0}{24.0}$
Weighted average porosity	9.62 %	Maximum porosity	16.8 %
Weighted average radial permeability	649.74 md.	Minimum porosity	3.1 %
Weighted average vertical permeability	274.82 md.	Maximum radial permeability	1660. md.
Weighted average maximum permeability	652.40 md.	Minimum radial permeability	2.7 md.
Porosity Feet	182.75	Maximum vertical permeability	1000. + md.
		Minimum vertical permeability	0.58 md.

CORE WITH MAXIMUM PERMEABILITY:

	10.0 md. or greater	between 1.0 and 9.9 md. inclusive	less than 1.0 md.
Footage	14.7'	4.3'	---
Weighted average porosity	8.75 %	12.60 %	---
Weighted average radial permeability	839.04 md.	2.57 md.	---
Weighted average vertical permeability	354.32 md.	3.04 md.	---
Porosity feet	128.57	54.18	---

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

Operator J.C. Sproule and Associates Well No. Briggs Rabbit Lake Number 1. Lab. No. 6612 Date March 23, 1955.

Sample Number	Midpoint of Sample in Ft.	Representative of Feet	Footage Rep.	Core Wt. Gms.	Permeability md. Vertical	Radial	% Porosity	Density Bulk	Matrix	Description
Core Number 6			2568-2587	Recovered 19.0 Feet.						
Missing		2568.0-2572.0	4.0	—	—	—	—	—	—	—
No Sample		2572.0-2572.8	0.8	—	—	—	—	—	—	D
1	2573.3	2572.8-2574.0	1.2	1303	11.	1365.	10.7	2.42	2.71	VC I S
2	2575.0	2574.0-2575.4	1.4	965	1000.+	1000.+	16.8	2.20	2.65	VC I S
3	2576.5	2575.4-2577.0	1.6	1370	36.	6.2	16.2	2.28	2.72	C I S
4	2578.1	2577.0-2578.5	1.5	1367	0.58	15.	3.5	2.55	2.64	C I St S
Similar to 4		2578.5-2579.8	1.3	—	0.58	15.	3.5	—	—	F I S
5	2580.3	2579.8-2581.3	1.5	1309	4.6	2.7	9.8	2.38	2.64	C I S
6	2582.2	2581.3-2583.0	1.7	1050	1000.+	1000.+	11.1	2.37	2.67	VF I S
7	2583.1	2583.0-2583.5	0.5	1172	2.2	2.5	14.1	2.30	2.68	C I S
Similar to 7		2583.5-2585.8	2.3	—	2.2	2.5	14.1	—	—	F I S
Similar to 8		2585.8-2587.0	1.2	—	1.5	1660.	4.3	—	—	F SI S
Core Number 7			2587-2592	Recovered 5.0 Feet.						
8	2587.6	2587.0-2587.8	0.8	1127	1.5	1660.	4.3	2.55	2.66	C SI S
9	2588.4	2587.8-2588.8	1.0	1712	13.0	1088.	5.9	2.55	2.71	C I St S
10	2589.4	2588.8-2589.8	1.0	1455	15.0	1131.	9.1	2.44	2.68	VC I S
11	2590.1	2589.8-2590.7	0.9	1765	1000.+	1000.+	7.7	2.47	2.67	VF I S
12	2590.8	2590.7-2591.0	0.3	1494	1000.+	1000.+	3.1	2.58	2.67	VF I S
No Sample		2591.0-2591.2	0.2	—	—	—	—	—	—	Sh
Similar to 11		2591.2-2592.0	0.8	—	1000.+	1000.+	7.7	—	—	VF I S

CORE DESCRIPTION SYMBOLS

D	Dense
VC	Vertical Crack
I	Intergranular
S	Stained
C	Cracks
St	Stylolite
F	Open Fractures
VF	Open Vertical Fracture
SI	Slightly Intergranular
Sh	Shale

CHEMICAL & GEOLOGICAL LABORATORIES LIMITED

WELL NO. Briggs Rabbit Lake Number 1.

LABORATORY REPORT NUMBER 6812

REPORT ON CONNATE WATER BY EVAPORATION METHOD

<u>Sample Number</u>	<u>Depth Feet</u>	<u>Effective Porosity %</u>	<u>Permeability Millidarcies</u>	<u>Connate Water % Pore Volume</u>	<u>Calculated Surface Area Kozeny Equation Sa CM²/CM³ (10³)</u>
2	2575.0	16.8	* 5.6	13.4	1.2
3	2576.5	16.2	* 3.4	15.9	1.5
4	2578.1	3.5	* 0.02	44.8	9.4
6	2582.2	11.1	* 0.68	23.5	2.9
8	2587.6	4.3	* 0.04	46.2	7.3
10	2589.4	5.9	* 0.87	21.0	1.8
12	2590.8	3.1	* 0.18	34.3	2.9

* Permeabilities measured on small plugs.

REPORT ON ACID SOLUBILITIES USING 15% HCL

<u>Sample Number</u>	<u>Depth Feet</u>	<u>Percent Insoluble</u>	<u>Percent Soluble</u>
3	2576.5	1.87	98.13
5	2580.3	1.68	98.32
8	2587.6	0.88	99.12
12	2590.8	0.84	99.16

DRILL STEM TEST REPORT

Well Name: Briggs Rabbit Lake No. 1 Test No.: 1
Service Co.: M.O. Johnston Geologist: G.K. Williams
Operator: Earl Patterson Formation Tested: Presqu'ile
Date: March 8, 1955 equivalent

Mud: Kind - Starch base; Weight - 9.7; Viscosity - 48; Water loss - 6.5

Tools: Size of tester - $3\frac{1}{2}$ " ; Kind of packer - formation; Size of choke - $\frac{1}{4}$ "

Log of Operations:

Tester on bottom 1:05 p.m.
 Packer set at 1:29
 Valve opened at 1:39
 Shut in at 2:39
 Packer released at 3:04

Details:

Size of hole 9"
 Size of drill pipe $4\frac{1}{2}$ "
 Type of tool joint F.H.
 ID of drill collars $2\frac{1}{2}$ "
 Length of drill collars 85'
 O.D. of packer $7\frac{1}{2}$ "
 Bottom of packer 2561'
 Size of tail pipe $3\frac{1}{2}$ "
 Interval tested 2561-2594'
 Depth at time of test 2594'

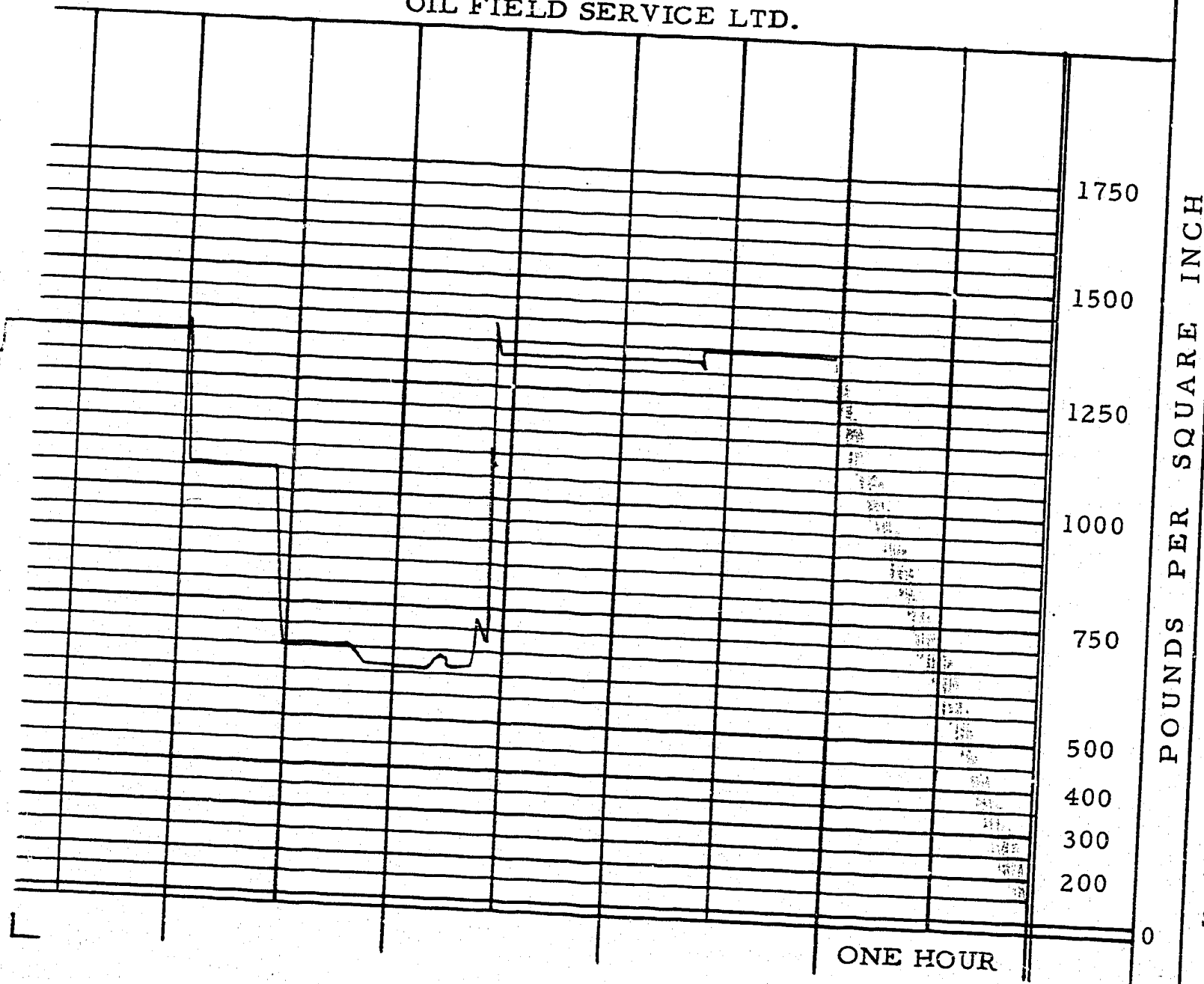
Results

Gas flow 1 Mcf/day
 Fluid to surface 49 min.
 Feet of mud in D.P. 535
 Hydrostatic pressure 1350 lbs.
 Min. flowing pressure 600 lbs.
 Max. flowing pressure 650 lbs.
 Shut in pressure 1050 lbs.

Remarks

Mud level in annulus dropped about 10" when valve opened, then remained steady. Gas to surface in 6 minutes blow increased steadily throughout test. Black sulphurous mud came to the surface after 49 minutes. Fluid recovery consisted of black sulphurous mud.

M. O. JOHNSTON
OIL FIELD SERVICE LTD.



DRILL STEM TEST NO. 1

BRIGGS RABBIT LAKE NO. 1

Date March 8, 1955

Company D. Todd Briggs

Lease _____ Well _____

Location H.W.T.

Hole Open To 2594

Packer Set At 2561

Fluid Rise 535

Flow Period 60 min.

Shut-in Period 25 min.

Fluid Cushion _____

Bean Size 1/4"

Temperature _____

Recorder No. 874 B233

Ticket No. _____

Depth Shoe _____

Holes Shot At _____

Size _____ Amount _____

DRILL STEM TEST REPORT

Well Name: Briggs Rabbit Lake No. 1 Test No.: 2
Service Co.: M.O. Johnston Geologist: G.K. Williams
Operator: Earl Patterson Formation Tested: Presqu'ile
Date: March 8, 1955 equivalent

Mud: Kind - Starch base; Weight - 9.7; Viscosity - 48; Water loss - 6.5

Tools: Size of tester - $3\frac{1}{2}$ " ; Kind of packers - formation, straddle;
 Size of choke - $\frac{1}{2}$ ".

Log of Operations:

Tester on bottom	10:35 p.m.
Packer set at	10:58 p.m.
Valve opened at	11:08 p.m.
Shut in at	12:08 a.m.
Packer released at	12:23 a.m.

Results:

Gas flow	940 Mcf/day
Feet of mud in D.P.	110
Hydrostatic pressure	1340 lbs.
Min. flowing pressure	300 lbs.
Max. flowing pressure	390 lbs.
Shut in pressure	1050 lbs.

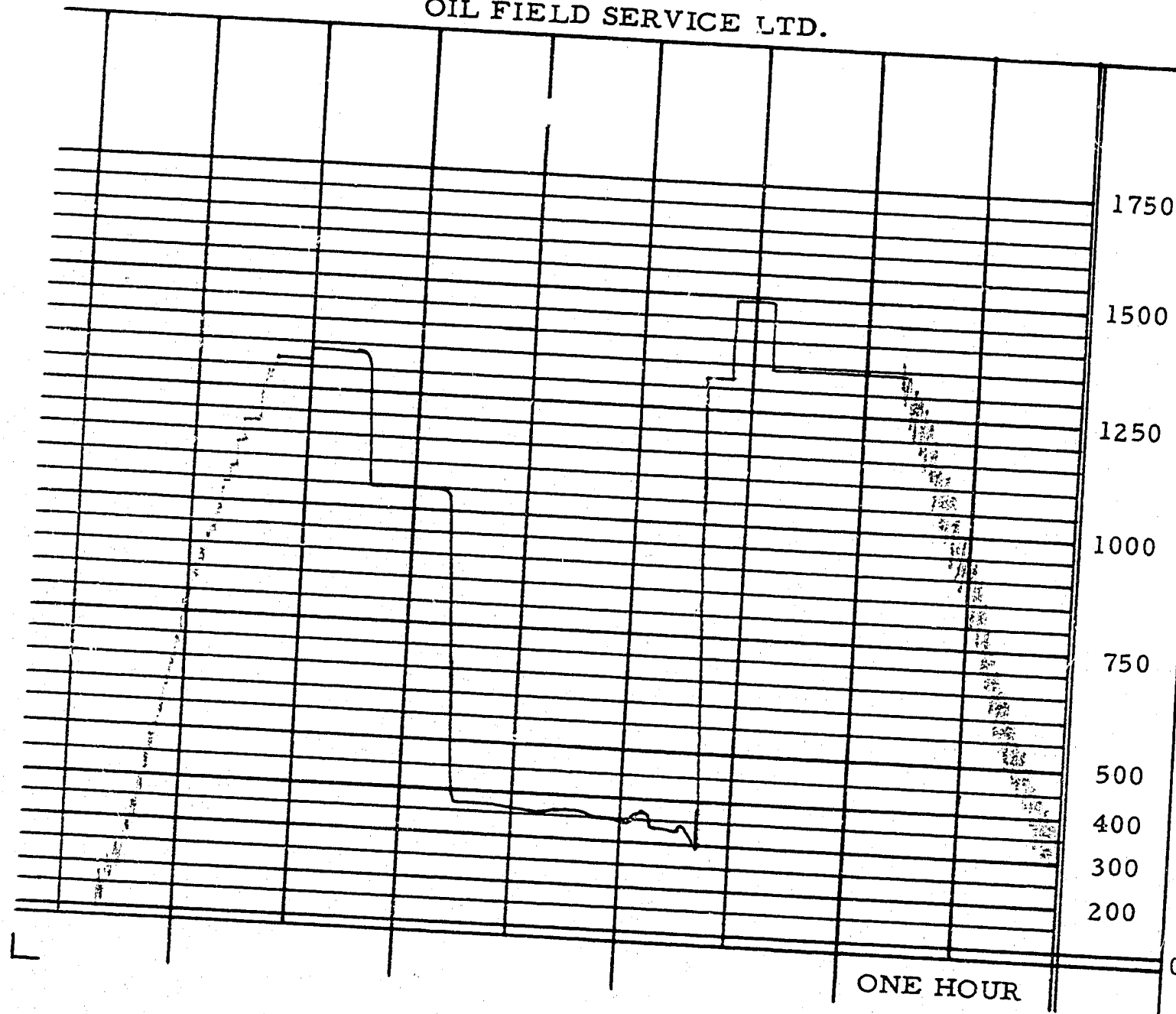
Details:

Size of hole	9"
Size of drill pipe	4 $\frac{1}{2}$ "
Type of tool joint	P.H.
I.D. of drill collars	2 $\frac{1}{2}$ "
Length of drill collars	85'
O.D. of packers	7 $\frac{1}{2}$ "
Bottom of top packer	2575'
Top of bottom packer	2588'
Size of tail pipe	3 $\frac{1}{2}$ "
Interval tested	2575-2588
Depth at time of test	2594'

Remarks:

Good initial puff, gas to surface in 5 min., volume steadily increasing throughout test. Fluid recovery was black sulphurous mud.

M. O. JOHNSTON
OIL FIELD SERVICE LTD.



DRILL STEM TEST NO. 2
BRIGGS RABBIT LAKE NO. 1

Date March 8, 1955

Company D. Todd Briggs

Lease _____ Well _____

Location N.W.T.

Hole Open To 2594

Packer Set At 2575 to 2588

Fluid Rise 110

Flow Period 60 min.

Shut-in Period 15 min.

Fluid Cushion _____

Bean Size 1/2"

Temperature _____

Recorder No. 894 B293

Ticket No. _____

Depth Shoe _____

Holes Shot At _____

Size _____ Amount _____

DRILL STEM TEST REPORT

<u>Well Name:</u>	Brigge Rabbit Lake No. 1	<u>Test No.:</u>	3
<u>Service Co.:</u>	M.O. Johnston	<u>Geologist:</u>	G.K. Williams
<u>Operator:</u>	Earl Patterson	<u>Formation Tested:</u>	Presqu'ile equivalent
<u>Date:</u>	March 11, 1955		

Mod: Kind - Starch base; Weight - 9.7; Viscosity - 59; Water loss - 4.5

Tools: Size of tester - $3\frac{1}{2}$ " ; Kind of packer - formation; Size of choke - $\frac{1}{2}$ "

Log of Operations:

Tester on bottom	10:15 a.m.
Packer set at	10:41
Valve opened at	10:51
Shut in at	11:51
Packer released at	12:06

Details:

Size of hole	9"
Size of drill pipe	4 1/2"
Type of tool joint	F.H.
I.D. of drill collars	2 1/2"
Length of drill collars	65'
O.D. of packer	7 1/2"
Bottom of packer	2591'
Size of tail pipe	3 1/2"
Interval tested	2591' - 2604'
Depth at time of test	2604'

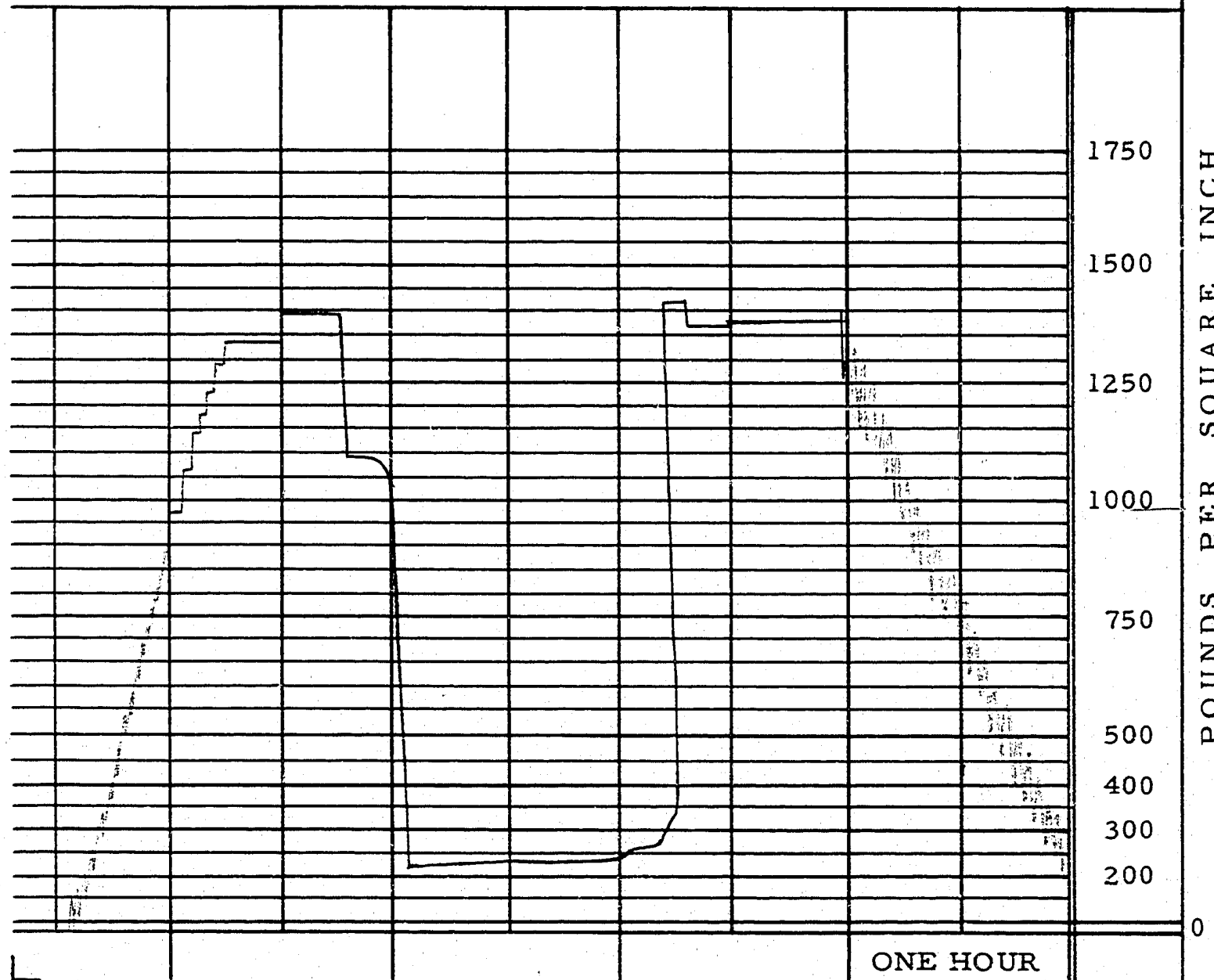
Results:

Gas flow	510 Mcf/day
Feet of mud in D.P.	115
Hydrostatic pressure	1375 lbs.
Min. flowing pressure	220 lbs.
Max. flowing pressure	290 lbs.
Shut in pressure	1075 lbs.

Remarks:

Good initial puff, gas to surface in 6 minutes, volume increasing steadily throughout test.

M. O. JOHNSTON
OIL FIELD SERVICE LTD.



DRILL STEM TEST NO. 3

BRIGGS RABBIT LAKE NO. 1

Date March 10, 1955

Company D. Todd Briggs

Lease _____ Well _____

Location N.W.T.

Hole Open To 2604

Packer Set At 2591

Fluid Rise _____

Flow Period 60 min.

Shut-in Period 15 min.

Fluid Cushion _____

Bean Size 1/2"

Temperature _____

Recorder No. 694 R233

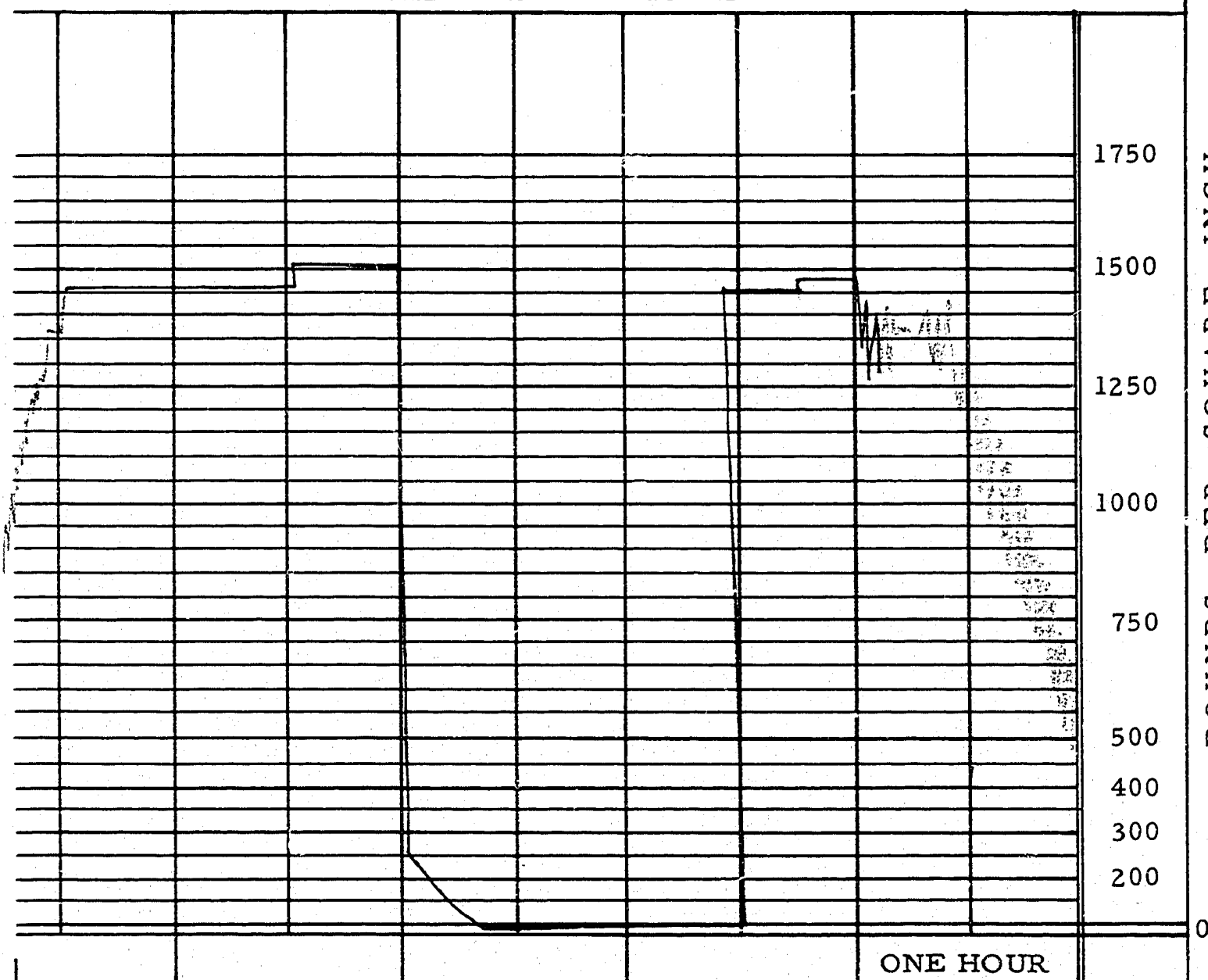
Ticket No. _____

Depth Shoe _____

Holes Shot At _____

Size _____ Amount _____

M. O. JOHNSTON
OIL FIELD SERVICE LTD.



DRILL STEM TEST NO. 4
BRIGGS RABBIT LAKE NO. 1

Date March 14, 1955

Company D. Todd Briggs

Lease _____ Well _____

Location H.W.T.

Hole Open To 2768

Packer Set At 2750

Fluid Rise 175

Flow Period 60 min.

Shut-in Period 15 min.

Fluid Cushion _____

Bean Size 1/2"

Temperature _____

Recorder No. 894 B232

Ticket No. _____

Depth Shoe _____

Holes Shot At _____

Size _____ Amount _____

DRILL STEM TEST REPORT

Well Name: Briggs Rabbit Lake No. 1 Test No. 5
Service Co.: M.O. Johnston Geologist: G.K. Williams
Operator: Earl Patterson Formation tested: Pine Point
Date: March 16, 1955

Mud: Kind - Starch base; Weight - 9.9; Viscosity - 60; Water loss - 4.2

Tools: Size of tester - $3\frac{1}{2}$ " ; Kind of packer - formation; Size of choke - $\frac{1}{8}$ "

Log of Operations:

Tester on bottom	2:35 a.m.
Packer set at	3:05
Valve opened at	3:15
Shut in at	4:45
Packer released at	5:00

Results:

Feet of mud in D.P.	225
Feet of water in D.P.	40
Hydrostatic pressure	1500 lbs.
Min. flowing pressure	0
Max. flowing pressure	0
Shut in pressure	0

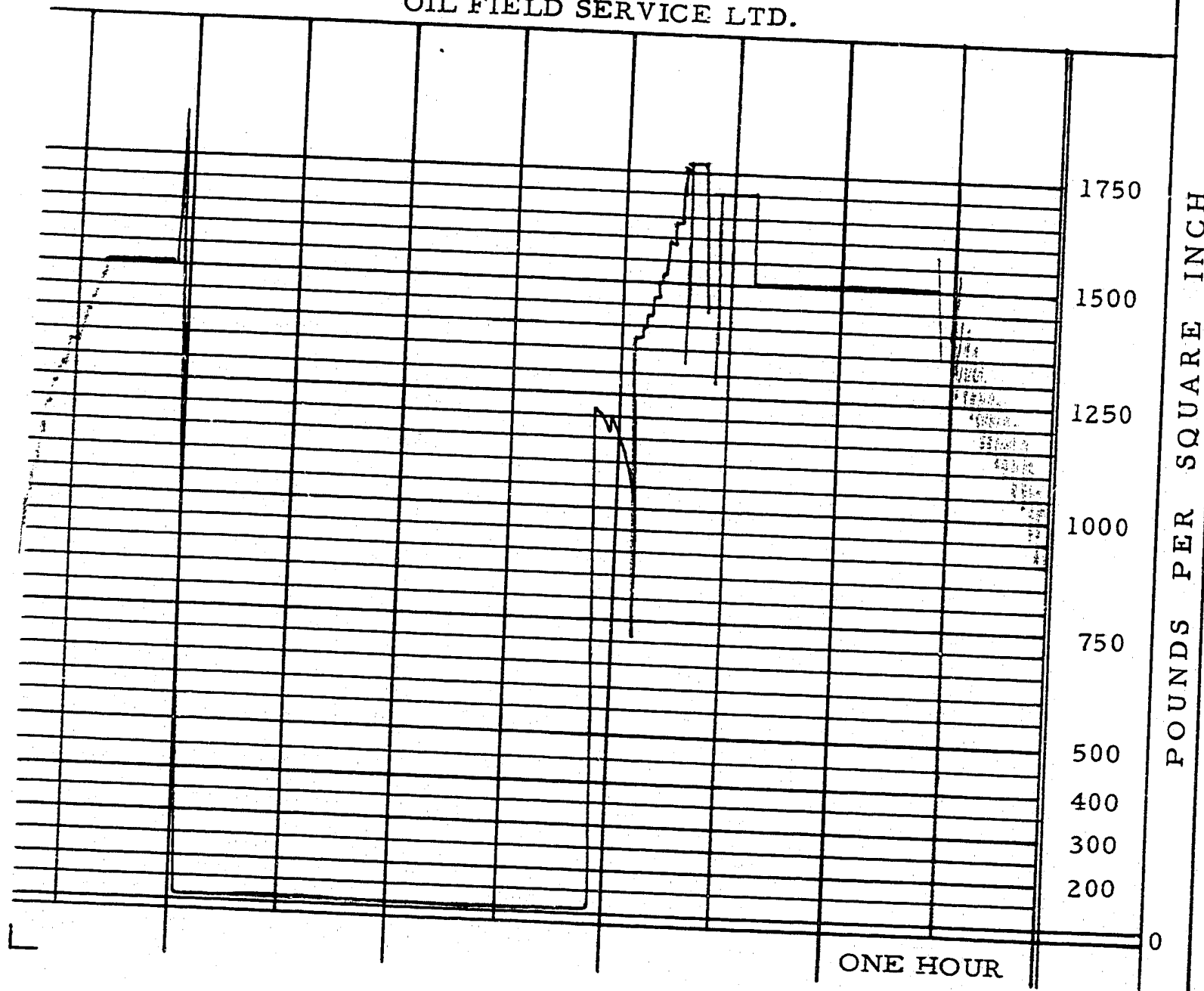
Details:

Size of hole	9"
Size of drill pipe	4 $\frac{1}{2}$ "
Type of tool joint	F.H.
I.D. of drill collars	2 $\frac{1}{4}$ "
Length of drill collars	85'
O.D. of packer	7 $\frac{1}{2}$ "
Bottom of packer	2770'
Size of tail pipe	3 $\frac{1}{2}$ "
Interval tested	2770' - 2807'
Depth at time of test	2807'

Remarks:

Good initial puff, fair blow sustained throughout test. Recovered 225 feet of slightly oil-cut mud and 40' of salt water.

M. O. JOHNSTON
OIL FIELD SERVICE LTD.



DRILL STEM TEST NO. 5
BRIGGS RABBIT LAKE NO. 1

Date March 16, 1955

Company D. Todd Briggs

Lease _____ Well _____

Location N.M.T.

Hole Open To 2807

Packer Set At 2770

Fluid Rise 265

Flow Period 90 min.

Shut-in Period 15 min.

Fluid Cushion _____

Bean Size 1/2"

Temperature _____

Recorder No. 894 B233

Ticket No. _____

Depth Shoe _____

Holes Shot At _____

Size _____ Amount _____

DRILL STEM TEST REPORT

Well Name: Briggs Rabbit Lake No. 1 Test No. 6
Service Co.: M.O. Johnston Geologist: G.K. Williams
Operator: Earl Patterson Formation tested: Presqu'ile
Date: March 19, 1955 equivalent

Mud: Kint - Starch base; Weight - 9.9; Viscosity - 60; Water loss - 4.7 cc.

Tools: Size of tester - $3\frac{1}{8}$ " ; Kind of packers - formation, straddle;
 Size of choke - $\frac{1}{8}$ ".

Log of Operations:

Test on bottom 1:00 a.m.
 Packer set at 1:18
 Valve opened at 1:28

Results:

Misrun

Details:

Size of hole 9"
 Size of drill pipe $4\frac{1}{2}$ "
 Type of tool joint F.H.
 I.D. of drill collars $2\frac{1}{4}$ "
 Length of drill collars 85'
 O.D. of packers $7\frac{1}{2}$ "
 Bottom of top packer 2575'
 Top of bottom packer 2600'
 Size of perforated pipe $3\frac{1}{8}$ "
 Interval tested 2575'-2600'
 Depth at time of test 2836'

Remarks:

Upper packer failed to seat.

M. O. JOHNSTON
OIL FIELD SERVICE LTD.

DRILL STEM TEST NO. 6
BRIGGS RABBIT LAKE NO. 1

Date March 19, 1955

Company D. Todd Briggs

Lease _____ Well _____

Location N.E.T.

Hole Open To 2836

Packer Set At 2575-2600

Fluid Rise 1510

Flow Period _____

Shut-in Period _____

Fluid Cushion _____

Bean Size _____

Temperature _____

Recorder No. 894 B233

Ticket No. _____

Depth Shoe _____

Holes Shot At _____

Size _____ Amount _____

POUNDS PER SQUARE INCH

1750

1500

1250

1000

750

500

400

300

200

0

ONE HOUR

DRILL STEM TEST REPORT

Well Name: Briggs Rabbit Lake No. 1 Test No.: 4
Service Co.: M.O. Johnston Geologist: C.K. Williams
Operator: Earl Patterson Formation tested: Pine Point
Date: March 14, 1955

Mud: Kind - Starch base; Weight - 9.9; Viscosity - 58; Water loss - 4.7

Tools: Size of tester - $3\frac{1}{2}$ " ; Kind of packer - formation; Size of choke - $\frac{1}{2}$ "

Log of Operations:

Test on bottom	8:05 p.m.
Packer set at	8:36
Valve opened at	8:46
Shut in at	9:46
Packer released at	10:01

Details:

Size of hole	9"
Size of drill pipe	$4\frac{1}{2}$ "
Type of tool joint	F.H.
I.D. of drill collars	$2\frac{1}{2}$ "
Length of drill collars	85'
O.D. of packer	$7\frac{1}{2}$ "
Bottom of packer	2750'
Size of tail pipe	$3\frac{1}{2}$ "
Interval tested	2750'-2768'
Depth at time of test	2768'

Results:

Feet of mud in D.P.	175
Hydrostatic pressure	1450 lbs.
Min. flowing pressure	0
Max. flowing pressure	0
Shut in pressure	280 lbs.

Remarks:

Good initial puff, fair air blow lasting throughout test. Recovered 175 feet of slightly gas-cut mud.

GEOLOGICAL SUMMARY

Briggs Rabbit Lake No. 1 was drilled on a surface geological structure known as the Rabbit Lake Structure. This structure is known to be closed, on a basis of rock outcrops.

The well was spudded in an upper Devonian limestone of the Hay River formation. Below the limestone the section is sandy, and grades downward into green shale. Some of the sample cuttings showed traces of porosity and oil staining in the sandy section.

Nearly all of the Territories-Slave Point formation, which is believed to be Upper Devonian, was cored. There are scattered thin bands of poor porosity in this section, all of which bled oil. No tests were run in the section in which oil shows occur. The lower portion of the formation consists of bright green, pyritic shale with large inclusions of limestone. The bottom of the shale appears to represent a marked depositional break. It may be the Upper-Middle Devonian contact.

Below the Territories-Slave Point formation a porous, fragmental and crystalline limestone was encountered. This limestone is tentatively referred to as the Presqu'ile equivalent and is believed to be Middle Devonian in age. The formation totals 22 feet in thickness, the upper 18 feet of which was cored. Three drill stem tests were run over this porous section. All three tests recovered gas with no formation fluid; the maximum test rated only one Mscf/day, although the pressure chart showed a slow rise in recorded pressure over the period of the test and a rapid increase in shut-in pressure. These facts, combined with the fractured nature of the limestone, its relatively high average porosity and permeability and the fact that it is a relatively pure limestone that is readily susceptible to acid treatment lead to our recommendation to case and acidize the hole.

Underlying the porous limestone is the Pine Point formation. The upper portion is a dark, argillaceous limestone which grades into a lighter colored limestone and downward into a dolomite. In the dolomite section some poor porosity, stained with live oil, was found. Tests of the porous portions recovered slightly gas-cut mud and a small amount of salt water.

Below the Pine Point formation and overlying the Precambrian is a 24-foot sand layer, which we have called the Basal Sand. This sand has a green shale matrix with resultant poor porosity.

The Rabbit Lake No. 1 well is structurally high regionally. The Precambrian was encountered only 62 feet lower than in N.W.T. Providence No. 2, which is located approximately 27 miles north of the Rabbit Lake well. The average regional dip on the Precambrian basement in this area is known to be to the southwest at a much higher rate than is indicated by the difference between the two wells. The Middle Devonian sediments thicken in the same direc-

tion. The relatively slight drop in elevation on the Precambrian between the N.W.T. Providence No. 2 well and the Rabbit Lake No. 1 well appears to indicate the presence of a local high on the Precambrian, as it is unreasonable to assume an excessively low uniform dip between these two points of slightly over two feet per mile. This fact, combined with the fact that the Territories-Slave Point formation top in the Rabbit Lake well is 86 feet higher than the same contact in the Providence well would in turn indicate very strongly that the true Precambrian high is much higher nearby than it is in the Rabbit Lake No. 1 well. The Rabbit Lake No. 1 well is in any event known to have been located off the surface apex of the structure and the Rabbit Lake structure is also known to be substantially lower than the nearby Fetus Lake structure. Either the Rabbit Lake structure or the Fetus Lake structure could contain the real Precambrian high responsible, at least in part, for the apparent draping and resultant anomalous stratigraphic intervals present.

G.K. Williams

G.K. Williams, Wellsite Geologist

J.C. Sproule

J.C. Sproule, P. Eng., Alberta.

901 - 8th Avenue West,
Calgary, Alberta,
April 12, 1955.

DAILY DRILLING REPORT

OZARK DRILLING CO. LTD.

OK'd. by *G. P. L. L.* Tool Pusher.

RIG NO.	FARM	WELL NO.	COMPANY	DISTRICT	DATE
5	BRIGGS RABBIT LAKE	1	TECHNICAL OIL CORP. LTD.	N.W.T.	APR. 19 55

FOR 8 HOURS ENDING AT 3 P. M.			
HOURS RUN:	HOURS LOST:	CAUSE OF TIME LOST:	
0	8	WHY DOWN PIPE COLLARS ETC	
DRILLER: FILL OUT YOUR REPORT COMPLETELY.			
FROM	TO	FORMATION	FEET
2834	2834		0

BIT RECORD						
KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED

CORE RECORD						
KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE						
MAKE	SIZE	LINE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHEELAND	14	6			9.8	58

BOILERS						
MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.		
				0		

VERTICAL TEST						
NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE		
8		2460	1°			

FISHING						
DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?		

REMARKS:	
PULLED OUT LAYING DOWN DRILL PIPE, DRILL COLLARS & DIAMOND CORE BARREL, UNLOADING CASING & EQUIPMENT - 8.	

NAME OF EMPLOYEE	OCCUPATION
H. NORRICK S.	D.M. 8.
A. MONTMINY	F.M. OR ENG. 8.
D. JENSEN	H. 8.

SIGNED	
H. GOOD. 8.	DRILLER

FOR 8 HOURS ENDING AT 4 P. M.

HOURS RUN: 0 HOURS LOST: 8

CAUSE OF TIME LOST:

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM 2834 TO 2834 FORMATION FEET 0

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

RUN 26' 42.18 OF 7" 8 RT. 20# CASING. LANGE @ K.B.E. CEMENTED W/ 100 SAX. CANADIAN CEMENT. DISPLACED W/ 107.8 BBL. MUD.

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 0 TOOL JTS. O.D. 0 NO. JTS. 0

MAKE	SIZE	LINE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHEELAND	14	6			9.8	58

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				0

NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
8		2460	1°	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS: UNLOADING CASING, CHANGE TO 7" RAMS IN B.O. PREVENTOR, WELDED GUIDE SHOE FLOAT COLLAR & CENTRALIZERS & RUNNING CASING - 8.

NAME OF EMPLOYEE	OCCUPATION
J. McARTHUR	D.M. 8.
F. WILSON	F.M. OR ENG. 8.
J. ROWE	H. 8.
R. LIZOTTE	H. 8.

SIGNED J. L. RUDLO. 8.

FOR 8 HOURS ENDING AT 12 P. M.

HOURS RUN: 0 HOURS LOST: 8

CAUSE OF TIME LOST:

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM 2834 TO 2834 FORMATION FEET 0

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 0 TOOL JTS. O.D. 0 NO. JTS. 0

MAKE	SIZE	LINE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHEELAND	14	6	40	275	9.8	58

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				0

NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
8		2460	1°	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS: RIG UP TO CIRC. CASING & CIRCULATING CASING - 2 3/4 CEMENTED & DISPLACE CASING - 3/4 WAITING ON CEMENT - 4 1/2

NAME OF EMPLOYEE	OCCUPATION
J. STANGIE	D.M. 8.
L. LAIRD	F.M. OR ENG. 8.
R. DECKER	H. 8.
W. SHIFLET	H. 8.

SIGNED B. SATHER. 8.

DAILY DRILLING REPORT

OZARK DRILLING CO. LTD.

Ok'd. by J. Webster Tool Pusher.

RIG NO.	FARM	WELL NO.	COMPANY	DISTRICT	DATE
5		1	TECHNICAL OIL CONS. LTD.	N. W. T.	APR. 23 1955

FOR 8 HOURS ENDING AT 8 A. M.				FOR 8 HOURS ENDING AT 4 P. M.				FOR 8 HOURS ENDING AT 12 P. M.			
HOURS RUN:	HOURS LOST:	CAUSE OF TIME LOST:	DRILLER: FILL OUT YOUR REPORT COMPLETELY.	HOURS RUN:	HOURS LOST:	CAUSE OF TIME LOST:	DRILLER: FILL OUT YOUR REPORT COMPLETELY.	HOURS RUN:	HOURS LOST:	CAUSE OF TIME LOST:	DRILLER: FILL OUT YOUR REPORT COMPLETELY.
8	8	CIRC. W.O. ORDERS.		0	8	CIRC. W.O. ORDERS.		0	0	W.O. (sq.)	

FROM	TO	FORMATION	FEET
2834	2834		0

BIT RECORD						
KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
WTR	38473	9				

CORE RECORD						
KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE						
MAKE	SIZE	LINE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHELAND	14	6	40	475	9.9	59

PUMPS						
MAKE	SIZE	LINE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHELAND	14	6	40	475	9.8	55

BOILERS						
MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	R.P.M.	TABLE	

VERTICAL TEST						
NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE		
8		2460	1			

FISHING						
DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?		

REMARKS:	
CIRC. HOLE, WAITING ON ORDERS - 8.	

NAME OF EMPLOYEE	OCCUPATION
H. HARRICKS.	D.M. 8.
B. ROWE.	F.M. OR ENG. 8.
H. MONTMINY.	H. 8.
D. JENSEN	H. 8.

SIGNED	
H. GOOD.	8. DRILLER

OZARK DRILLING CO. LTD.

Ok'd. by G. Whiteley Tool Pusher.

RIG NO.	FARM	WELL NO.	COMPANY	DISTRICT	N.W.T.O.	DATE
5		1.	TECHNICAL OIL CONS. LTD.		N.W.T.O.	MAR. 22, 1955

FOR 8 HOURS ENDING AT 8 A.M.				FOR 8 HOURS ENDING AT 4 P.M.				FOR 8 HOURS ENDING AT 12 P.M.			
HOURS RUN:	HOURS LOST:			HOURS RUN:	HOURS LOST:			HOURS RUN:	HOURS LOST:		
0	8			0	8			0	8		
CAUSE OF TIME LOST: FIRE W.O. ORDERS				CAUSE OF TIME LOST: FIRE W.O. ORDERS				CAUSE OF TIME LOST: FIRE W.O. ORDERS			
DRILLER: FILL OUT YOUR REPORT COMPLETELY.				DRILLER: FILL OUT YOUR REPORT COMPLETELY.				DRILLER: FILL OUT YOUR REPORT COMPLETELY.			
FROM	TO	FORMATION	FEET	FROM	TO	FORMATION	FEET	FROM	TO	FORMATION	FEET
2834	2834		0	2834	2834		0	2834	2834		0

BIT RECORD					
KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM TO	TOTAL FT.	FOOTAGE MADE WHEN PULLED
WTR	38473	9			

CORE RECORD					
KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM TO	HOURS CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE					
4 1/2 F.H. HOOL JTS. O.D. S 3/4 NO. JTS. 90.					

PUMPS				MUD			
MAKE	SIZE	LINER SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.	
WHELAND	14	6	40	HTS	9.9	59	

BOILERS				TABLE			
MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	R.P.M.			
				0			

WEIGHT		VERTICAL TEST		
NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
8		2460	1°	

FISHING				
DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS:	
TEST B.O.P. CIRCULATING HOLE, WAITING ON ORDERS-8.	

NAME OF EMPLOYEE	OCCUPATION
A. HORRICKS.	D.M. 8.
B. ROWE.	F.M. OR ENG. 8.
A. MONTMINY.	H. 8.
D. JENSEN.	H. 8.

NAME OF EMPLOYEE	OCCUPATION
J. McARTHUR.	D.M. 8.
F. WILSON.	F.M. OR ENG. 8.
J. ROWE.	H. 8.
R. LIZOTTE.	H. 8.

NAME OF EMPLOYEE	OCCUPATION
J. STANGE.	D.M. 8.
L. HAIRD.	F.M. OR ENG. 8.
W. SHIFLET.	H. 8.
R. De CLERCK.	H. 8.

DRILLER	SIGNED
A. GOOD. 8.	J. ZRN DLO. 8.

SIGNED	
B. SATHER. 8.	

DAILY DRILLING REPORT

OZARK DRILLING CO. LTD.

OK'd by G. White Tool Pusher. 34

RIG NO.	FARM	WELL NO.	COMPANY	DISTRICT	DATE
5		1.	TECHNICAL OIL CO. N.S. LTD.	N.W.T.	MAR. 21 st 55

FOR 8 HOURS ENDING AT 8 A. M.				FOR 8 HOURS ENDING AT 4 P. M.				FOR 8 HOURS ENDING AT 12 P. M.			
HOURS RUN:	HOURS LOST:	CAUSE OF TIME LOST:	DRILLER: FILL OUT YOUR REPORT COMPLETELY.	HOURS RUN:	HOURS LOST:	CAUSE OF TIME LOST:	DRILLER: FILL OUT YOUR REPORT COMPLETELY.	HOURS RUN:	HOURS LOST:	CAUSE OF TIME LOST:	DRILLER: FILL OUT YOUR REPORT COMPLETELY.
0	8	LOG. TRIP. CIRC. HOLE		0	8	CIRC. WAIT ON ORDERS.		0	8	CIRC. WAIT ON ORDERS.	
FROM	TO	FORMATION	FEET	FROM	TO	FORMATION	FEET	FROM	TO	FORMATION	FEET
2834	2834		0	2834	2834		0	2834	2834		0

BIT RECORD						
KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	FOOTAGE MADE WHEN PULLED
WTR	38473	9				

CORE RECORD						
KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED

PUMPS						
MAKE	SIZE	LINE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHELAND	14	6	40	475	9.9	65.

BOILERS						
MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.	WEIGHT	VERTICAL TEST

FISHING						
DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?	NO. OF LINES	POINTS OF WEIGHT

REMARKS:						
NO LOGGING WELL - 2 1/2 RUN IN HOLE CIRC. WAIT ON CASING - 5 1/2						

NAME OF EMPLOYEE						
NAME OF EMPLOYEE	OCCUPATION	NAME OF EMPLOYEE	OCCUPATION	NAME OF EMPLOYEE	OCCUPATION	NAME OF EMPLOYEE
H. HORRICKS.	D.M. 8.	J. McARTHUR.	D.M. 8.	J. STANGE.	D.M. 8.	
B. ROWE.	P.M. OR ENG. 8.	F. WILSON.	P.M. OR ENG. 8.	L. LAIRD.	P.M. OR ENG. 8.	
H. MONTMINY.	M. 8.	J. ROWE.	M. 8.	W. SHIFLET.	M. 8.	
D. JENSEN.	M. 8.					

SIGNED						
A. GOOD. 8. DRILLER						
J. ZRUDLO. 8.						

SIGNED						
B. SATHER. 8.						

DAILY DRILLING REPORT

OZARK DRILLING CO. LTD.

Ok'd. by *J. Goldsby* Tool Pusher. *76*RIG NO. *5* FARM *1* WELL NO. *1* COMPANY *TECHNICAL OIL CONS. LTD.* DISTRICT *N.W.T.* DATE *MAR. 20 1955*FOR 8 HOURS ENDING AT *8 P. M.*HOURS RUN: *0* HOURS LOST: *8*CAUSE OF TIME LOST: *LOGGING W.O. SCHLUMBERGER*

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
<i>2834</i>	<i>2834</i>		<i>0</i>

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED		TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
			FROM	TO			

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED		HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED
			FROM	TO			

STRING NUMBER AND SIZE DRILL PIPE IN HOLE *4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 90*

PUMPS				MUD			
MAKE	SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.		
<i>WHELAND</i>	<i>14</i>	<i>6</i>		<i>9.9</i>	<i>60</i>		

BOILERS				TABLE	
MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	R.P.M.	

WEIGHT		VERTICAL TEST		
NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
<i>8</i>		<i>2460</i>	<i>1°</i>	

FISHING			
DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	CATCH FISH?

REMARKS:

*LOGGING WELL-8
SCHLUMBERGER BROKE
DOWN.*

NAME OF EMPLOYEE	OCCUPATION
<i>A. HORRICKS.</i>	<i>D.M. 8.</i>
<i>B. ROWE.</i>	<i>F.M. OR ENG. 8.</i>
<i>H. MONTMINY</i>	<i>H. 8.</i>
<i>D. JENSEN.</i>	<i>H. 8.</i>

SIGNED

*H. GOOD. 8. DRILLER*FOR 8 HOURS ENDING AT *M.*HOURS RUN: *0* HOURS LOST: *8*CAUSE OF TIME LOST: *LOGGING. SHOOTING.*

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
<i>2834</i>	<i>2834</i>		<i>0</i>

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED		TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
			FROM	TO			

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED		HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED
			FROM	TO			

STRING NUMBER AND SIZE DRILL PIPE IN HOLE *4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 90*

PUMPS				MUD			
MAKE	SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.		
<i>WHELAND</i>	<i>14</i>	<i>6</i>		<i>9.9</i>	<i>60</i>		

BOILERS				TABLE	
MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	R.P.M.	

WEIGHT		VERTICAL TEST		
NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
<i>8.</i>		<i>2460</i>	<i>1°</i>	

FISHING			
DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	CATCH FISH?

REMARKS:

*LOGGING WELL-8
SHOOTING WELL-8.*

NAME OF EMPLOYEE	OCCUPATION
<i>J. McARTHUR.</i>	<i>D.M. 8.</i>
<i>F. WILSON.</i>	<i>F.M. OR ENG. 8.</i>
<i>J. ROWE.</i>	<i>H. 8.</i>

SIGNED

*J. ZUDRO. 8.*FOR 8 HOURS ENDING AT *12 P. M.*HOURS RUN: *0* HOURS LOST: *8*CAUSE OF TIME LOST: *LOG. SHOOT. W.O. SCHLUMBERGER*

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
<i>2834</i>	<i>2834</i>		<i>0</i>

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED		TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
			FROM	TO			

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED		HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED
			FROM	TO			

STRING NUMBER AND SIZE DRILL PIPE IN HOLE *4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 90*

PUMPS				MUD			
MAKE	SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.		
<i>WHELAND</i>	<i>14</i>	<i>6</i>		<i>9.9</i>	<i>60</i>		

BOILERS				TABLE	
MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	R.P.M.	

WEIGHT		VERTICAL TEST		
NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
<i>8</i>		<i>2460</i>	<i>1°</i>	

FISHING			
DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	CATCH FISH?

REMARKS:

*LOGGING & SHOOTING
WELL SCHLUMBERGER
BROKE DOWN. - 8.*

NAME OF EMPLOYEE	OCCUPATION
<i>J. STANGE.</i>	<i>D.M. 8.</i>
<i>L. LAIRD.</i>	<i>F.M. OR ENG. 8.</i>
<i>W. SHIFLET.</i>	<i>H. 8.</i>

SIGNED

B. SATHER. 8.

Ok'd by A. Wells Tool Pusher.

OK'd. -bv

Tool Pusher.

[Signature]

RIG NO.	FARM	WELL NO.	COMPANY	DISTRICT	N.W.T.	DATE
5		1				MAR. 19-1955

FOR 8 HOURS ENDING AT 8 A.M.					
HOURS RUN:	HOURS LOST:				
0	8				
CAUSE OF TIME LOST: CIRC. TESTING & TRIP					
DRILLER: FILL OUT YOUR REPORT COMPLETELY.					
FROM	TO	FORMATION	FEET		
2834	2834		0		

BIT RECORD						
KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED

CORE RECORD						
KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 90						
PUMPS				MUD		
MAKE	SIZE	LINER SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHEELAND	14	6	40	475	9.9	59
BOILERS				TABLE		
MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	R.P.M.		
WEIGHT		VERTICAL TEST				
NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE		
8		2460	1°			
FISHING						
DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?		
REMARKS: SER. RIG - 1 1/2 RUN INTO TEST TESTING & PULLED OUT W/ PNECKER - 7 1/2.						
NAME OF EMPLOYEE		OCCUPATION				
A. HORRIEKS.	D.M.	8.				
B. ROWE.	F.M. OR ENG.	8.				
H. MONTMINY.	H.	8.				
D. JENSEN.	H.	8.				

FOR 8 HOURS ENDING AT 4 P.M.					
HOURS RUN:	HOURS LOST:				
0	8				
CAUSE OF TIME LOST: SER. B.O.P. TRIP. FIREWATE					
DRILLER: FILL OUT YOUR REPORT COMPLETELY.					
FROM	TO	FORMATION	FEET		
2834	2834		0		

BIT RECORD						
KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
WTR	38473	9				

CORE RECORD						
KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 90						
PUMPS				MUD		
MAKE	SIZE	LINER SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHEELAND	14	6	40	475	9.8	60
BOILERS				TABLE		
MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	R.P.M.		
WEIGHT		VERTICAL TEST				
NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE		
8		2460	1°			
FISHING						
DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?		
REMARKS: SER. RIG - 1 1/2 CHECK B.O.P. - 1 1/2 RUN-IN-HOLE & CIRC. HOLE, WAITING ON LOG TRUCK - 5 1/2. PULLED OUT TO LOG - 1 1/2.						
NAME OF EMPLOYEE		OCCUPATION				
J. MCARTHUR.	D.M.	8.				
E. WILSON.	F.M. OR ENG.	8.				
J. ROWE.	H.	8.				
P. MANCH.	H.	8.				

FOR 8 HOURS ENDING AT 12 P.M.					
HOURS RUN:	HOURS LOST:				
0	8				
CAUSE OF TIME LOST: LOGGING WELL.					
DRILLER: FILL OUT YOUR REPORT COMPLETELY.					
FROM	TO	FORMATION	FEET		
2834	2834		0		

BIT RECORD						
KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED

CORE RECORD						
KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 90						
PUMPS				MUD		
MAKE	SIZE	LINER SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHEELAND	14	6	40	475	9.9	61
BOILERS				TABLE		
MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	R.P.M.		
WEIGHT		VERTICAL TEST				
NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE		
8		2460	1°			
FISHING						
DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?		
REMARKS: LOGGING WELL - 8						
NAME OF EMPLOYEE		OCCUPATION				
J. STANBE.	D.M.	8.				
L. LAIRD.	F.M. OR ENG.	8.				
W. SHIFLET.	H.	8.				

SIGNATURE		OCCUPATION	
A. GOOD.	8.	DRILLER	
J. IRVING.	8.		
B. SATHER.	8.		

DAILY DRILLING REPORT

OZARK DRILLING CO. LTD.

OK'd. *B. S. Wether* Tool Pusher.RIG NO. 5 FARM 1 WELL NO. 1 COMPANY TECHNICAL OIL CON'S LTD. DISTRICT N.W.T. DATE MAR. 18, 1955FOR 8 HOURS ENDING AT 8 P. M.HOURS RUN: 0 HOURS LOST: 8CAUSE OF TIME LOST: CIRCULATING W.O. ORDERS.

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
2834	2834		0

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
WTR	38473	9	2807	2834	27	6 1/2	

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F. H. TOOL JTS. O.D. 5 3/4 NO. JTS. 90.

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHEELAND	14	6	40	475	9.9	60

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.

WEIGHT NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
8		2460	1°	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS:

SER. RIG - 1/2.
CIRCULATING HOLE - 7 1/2.
W.O. ORDERS.

FOR 8 HOURS ENDING AT 4 P. M.HOURS RUN: 0 HOURS LOST: 8CAUSE OF TIME LOST: CIRC. HOLE. WAIT TO TEST.

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
2834	2834		0

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F. H. TOOL JTS. O.D. 5 3/4 NO. JTS. 90.

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHEELAND	14	6	40	475	9.9	59

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.

WEIGHT NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
8		2460	1°	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS:

SER. RIG - 1/2.
CIRCULATING HOLE, WAIT
TO TEST - 7 1/2.

FOR 8 HOURS ENDING AT 12 P. M.HOURS RUN: 0 HOURS LOST: 8CAUSE OF TIME LOST: CIRC. TRIP TO TEST.

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
2834	2834		0

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
WTR	38473	9	2807	2834	27	6 1/2	27

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F. H. TOOL JTS. O.D. 5 3/4 NO. JTS. 90.

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHEELAND	14	6	40	475	9.9	58.

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.

WEIGHT NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
8		2460	1°	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS:

SER. RIG - 1/2.
CIRC. HOLE PULLED OUT
TO TEST, PICKING UP
TAIL PIPE - 7 1/2.

NAME OF EMPLOYEE

OCCUPATION

H. HORRIEKS. D.M. 8.
B. ROWE. F.M. OR ENG. 8.
H. MONTMINY. H. 8.
D. JENSEN. H. 8.

NAME OF EMPLOYEE

OCCUPATION

J. McARTHUR. D.M. 8.
F. WILSON. F.M. OR ENG. 8.
C. MAHEH. H. 8.
J. ROWE. H. 8.

NAME OF EMPLOYEE

OCCUPATION

J. STANGE. D.M. 8.
L. LAIRD. F.M. OR ENG. 8.
R. De CLERCK. H. 8.
W. SHIFLET. H. 8.

SIGNED

H. GOOD. 8.

DRILLER

SIGNED

J. ZRNDLO. 8.

SIGNED

B. SUTHER. 8.

DAILY DRILLING REPORT

OZARK DRILLING CO. LTD.

OK'd. by *G. Wilson* Tool Pusher. *76.*RIG NO. *5.* FARM *1.* WELL NO. *1.* COMPANY *TECHNICAL DRILLING CO. LTD.* DISTRICT *N.W.T.* DATE *MAR. 17, 1955.*FOR 8 HOURS ENDING AT *8 A.M.*
HOURS RUN: *4 1/2* HOURS LOST: *3 1/2*
CAUSE OF TIME LOST: *SER. RIG. MIX MUD.*DRILLER: FILL OUT YOUR REPORT COMPLETELY.
FROM *2818* TO *2834* FORMATION *16.*BIT RECORD
KIND OF BIT *WTR* SERIAL NUMBER *38473* SIZE *9* DRILLED FROM *2807* TO *2834* TOTAL FT. *27* TOTAL HRS. *6 1/2* FOOTAGE MADE WHEN PULLEDCORE RECORD
KIND OF BARREL *MIXED* NEW OR USED *12* SIZE OF CORE *3/4* CORED FROM *2807* TO *2834* HOURS CORED *27* FOOTAGE CORED *6 1/2* FOOTAGE RECOVERED
6 3/4 AX. IMPERMEX.
*100# PLASTER. PARIS.*STRING NUMBER AND SIZE DRILL PIPE IN HOLE *4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 90.*PUMPS
MAKE *WHEELAND* SIZE *14* LINER SIZE *6* STROKES PER MIN. *40* PUMP PRES. *475* WT. *9.7* VIS. *65.*BOILERS
MAKE *WHEELAND* NO. IN BATTERY *14* SIZE *6* STEAM PRES. *180*WEIGHT
NO. OF LINES *8* POINTS OF WEIGHT *2460* DEPTH *1°* VERTICAL TEST
FORMATION SLOPEFISHING
DEPTH TWISTED OFF JOINTS DOWN PIPE OR T. J. LOST TIME CATCH FISHREMARKS:
SER. RIG - 1/2.
DRILLING - 3.
MIXING MUD - 3.
*DRILLING - 1 1/2.*NAME OF EMPLOYEE OCCUPATION
H. HORRICKS. D.M. *8.*
B. ROWE. F.M. OR ENG. *8.*
A. MONTMINY. H. *8.*
D. JENSEN. H. *8.*SIGNED *A. GOOD. 8.* DRILLERFOR 8 HOURS ENDING AT *4 P.M.*
HOURS RUN: *0* HOURS LOST: *8*
CAUSE OF TIME LOST: *CIRCULATING W.O. ORDERS.*DRILLER: FILL OUT YOUR REPORT COMPLETELY.
FROM *2834* TO *2834* FORMATION *0.*BIT RECORD
KIND OF BIT *WTR* SERIAL NUMBER *38473* SIZE *9* DRILLED FROM *2807* TO *2834* TOTAL FT. *27* TOTAL HRS. *6 1/2* FOOTAGE MADE WHEN PULLEDCORE RECORD
KIND OF BARREL *MIXED* NEW OR USED *12* SIZE OF CORE *3/4* CORED FROM *2807* TO *2834* HOURS CORED *27* FOOTAGE CORED *6 1/2* FOOTAGE RECOVEREDSTRING NUMBER AND SIZE DRILL PIPE IN HOLE *4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 90.*PUMPS
MAKE *WHEELAND* SIZE *14* LINER SIZE *6* STROKES PER MIN. *40* PUMP PRES. *475* WT. *9.9* VIS. *61.*BOILERS
MAKE *WHEELAND* NO. IN BATTERY *14* SIZE *6* STEAM PRES. *180*WEIGHT
NO. OF LINES *8* POINTS OF WEIGHT *2460* DEPTH *1°* VERTICAL TEST
FORMATION SLOPEFISHING
DEPTH TWISTED OFF JOINTS DOWN PIPE OR T. J. LOST TIME CATCH FISHREMARKS:
SER. RIG - 1/2.
CIRCULATING HOLE - 7 1/2.
*W.O. ORDERS.*NAME OF EMPLOYEE OCCUPATION
J. McARTHUR. D.M. *8.*
F. WILSON. F.M. OR ENG. *8.*
C. MUNCH. H. *8.*
J. ROWE. H. *8.*SIGNED *J. ZUDRO. 8.*FOR 8 HOURS ENDING AT *12 P.M.*
HOURS RUN: *0* HOURS LOST: *8*
CAUSE OF TIME LOST: *CIRCULATING W.O. ORDERS.*DRILLER: FILL OUT YOUR REPORT COMPLETELY.
FROM *2834* TO *2834* FORMATION *0.*BIT RECORD
KIND OF BIT *WTR* SERIAL NUMBER *38473* SIZE *9* DRILLED FROM *2807* TO *2834* TOTAL FT. *27* TOTAL HRS. *6 1/2* FOOTAGE MADE WHEN PULLEDCORE RECORD
KIND OF BARREL *MIXED* NEW OR USED *12* SIZE OF CORE *3/4* CORED FROM *2807* TO *2834* HOURS CORED *27* FOOTAGE CORED *6 1/2* FOOTAGE RECOVEREDSTRING NUMBER AND SIZE DRILL PIPE IN HOLE *4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 90.*PUMPS
MAKE *WHEELAND* SIZE *14* LINER SIZE *6* STROKES PER MIN. *40* PUMP PRES. *475* WT. *9.9* VIS. *61.*BOILERS
MAKE *WHEELAND* NO. IN BATTERY *14* SIZE *6* STEAM PRES. *180*WEIGHT
NO. OF LINES *8* POINTS OF WEIGHT *2460* DEPTH *1°* VERTICAL TEST
FORMATION SLOPEFISHING
DEPTH TWISTED OFF JOINTS DOWN PIPE OR T. J. LOST TIME CATCH FISHREMARKS:
SER. RIG - 1/2.
CIRCULATING HOLE - 7 1/2.
*W.O. ORDERS.*NAME OF EMPLOYEE OCCUPATION
J. STANGE. D.M. *8.*
L. LAIRD. F.M. OR ENG. *8.*
R. DeCLERCK. H. *8.*
W. SHIFLET. H. *8.*SIGNED *B. SATHER. 8.*

OZARK DRILLING CO. LTD.

OK'd. by [Signature] Tool Pusher

RIG NO. 5	FARM	WELL NO. 1	COMPANY TECHNICAL OIL CO. OF N.D.	DISTRICT N.W.T.	DATE APR. 16 1935
FOR 8 HOURS ENDING AT 8 A.M.		FOR 8 HOURS ENDING AT 4 P.M.		FOR 8 HOURS ENDING AT 12 P.M.	
HOURS RUN: 0 HOURS LOST: 8		HOURS RUN: 0 HOURS LOST: 8		HOURS RUN: 2 HOURS LOST: 6	
CAUSE OF TIME LOST: TRIPPING, TESTING		CAUSE OF TIME LOST: TRIP, REAMING		CAUSE OF TIME LOST: SER. RIG, REAMING	
DRILLER: FILL OUT YOUR REPORT COMPLETELY.		DRILLER: FILL OUT YOUR REPORT COMPLETELY.		DRILLER: FILL OUT YOUR REPORT COMPLETELY.	
FROM TO FORMATION FEET		FROM TO FORMATION FEET		FROM TO FORMATION FEET	
2807 2807 0		2807 2807 0		2807 2818 11	
BIT RECORD		BIT RECORD		BIT RECORD	
KIND OF BIT SERIAL NUMBER SIZE DRILLED TOTAL FT. TOTAL HRS. FOOTAGE MADE WHEN PULLED		KIND OF BIT SERIAL NUMBER SIZE DRILLED TOTAL FT. TOTAL HRS. FOOTAGE MADE WHEN PULLED		KIND OF BIT SERIAL NUMBER SIZE DRILLED TOTAL FT. TOTAL HRS. FOOTAGE MADE WHEN PULLED	
		WTR 38473 9 2768 2818 25 5 1/4 REAMED		WTR 38473 9 2768 2807 39 10 1/4 REAM	
CORE RECORD		CORE RECORD		CORE RECORD	
KIND OF BARREL NEW OR USED SIZE OF CORE CORED FROM TO HOURS CORED FOOTAGE CORED FOOTAGE RECOVERED		KIND OF BARREL NEW OR USED SIZE OF CORE CORED FROM TO HOURS CORED FOOTAGE CORED FOOTAGE RECOVERED		KIND OF BARREL NEW OR USED SIZE OF CORE CORED FROM TO HOURS CORED FOOTAGE CORED FOOTAGE RECOVERED	
TESTED INTERVAL - 2807 - 2770					
GOOD INITIAL BLOW. CONTINUING					
THRU. TEST.					
RECOVERED 225' OIL CUT. MHD.					
40' SALTY WATER.					
STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 89.		STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 89.		STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 89.	
PUMPS MUD		PUMPS MUD		PUMPS MUD	
MAKE SIZE LINER SIZE STROKES PER MIN. PUMP PRES. WT. VIS.		MAKE SIZE LINER SIZE STROKES PER MIN. PUMP PRES. WT. VIS.		MAKE SIZE LINER SIZE STROKES PER MIN. PUMP PRES. WT. VIS.	
WHEELAND 14 6 40 475 9.9 61		WHEELAND 14 6 40 475 9.9 61		WHEELAND 14 6 40 475 9.9 61	
BOILERS TABLE		BOILERS TABLE		BOILERS TABLE	
MAKE NO. IN BATTERY SIZE STEAM PRES. R.P.M.		MAKE NO. IN BATTERY SIZE STEAM PRES. R.P.M.		MAKE NO. IN BATTERY SIZE STEAM PRES. R.P.M.	
		180		180	
WEIGHT VERTICAL TEST		WEIGHT VERTICAL TEST		WEIGHT VERTICAL TEST	
NO. OF LINES POINTS OF WEIGHT DEPTH DEGREES FORMATION SLOPE		NO. OF LINES POINTS OF WEIGHT DEPTH DEGREES FORMATION SLOPE		NO. OF LINES POINTS OF WEIGHT DEPTH DEGREES FORMATION SLOPE	
8 2460 1°		8 2460 1°		8 2460 1°	
FISHING		FISHING		FISHING	
DEPTH TWISTED OFF JOINTS DOWN PIPE OR T. J. LOST TIME CATCH FISH		DEPTH TWISTED OFF JOINTS DOWN PIPE OR T. J. LOST TIME CATCH FISH		DEPTH TWISTED OFF JOINTS DOWN PIPE OR T. J. LOST TIME CATCH FISH	
REMARKS: SER. RIG - 1/2. MADE UP PACKER - 1/2. RUN IN TO TEST - 1 3/4. TESTING & SHUT IN - 3. PULLED PACKER - 1 3/4. BROKE & LAYED DOWN PACKER - 1/2.		REMARKS: SER. RIG - 1/2. TEST B.O.P. - 1/2. RUN IN HOLE TO REAM - 1 3/4. REAMING - 5 1/4.		REMARKS: SER. RIG - 1/2. TEST B.O.P. - 1/2. RUN IN HOLE TO REAM - 1 3/4. REAMING - 5. DRILLING - 2.	
NAME OF EMPLOYEE OCCUPATION		NAME OF EMPLOYEE OCCUPATION		NAME OF EMPLOYEE OCCUPATION	
H. HORRICKS D.M. 8.		J. MCARTHUR D.M. 8.		J. STANGE D.M. 8.	
B. ROWE F.M. OR ENG. 8.		F. WILSON F.M. OR ENG. 8.		L. L. HIRD F.M. OR ENG. 8.	
H. MONTMINY H. 8.		C. HATCH H. 8.		R. De CLECK H. 8.	
D. JENSEN H. 8.		J. ROWE H. 8.		W. SHIFLET H. 8.	
SIGNED H. GOOD. 8. DRILLER		SIGNED J. ZWILRO. 8.		SIGNED B. SUTHER. 8.	

OZARK DRILLING CO. LTD.

Ok'd. by [Signature] Tool Pusher.

OK'd by [Signature] Tool Pusher.

RIG NO. 5	FARM	WELL NO. 1	COMPANY TECHNICAL OIL CONS. LTD.	DISTRICT N.W.T.	DATE MAR. 15 1955
FOR 8 HOURS ENDING AT 8 A.M.		FOR 8 HOURS ENDING AT 4 P.M.		FOR 8 HOURS ENDING AT 12 P.M.	
HOURS RUN: 3 HOURS LOST: 5		HOURS RUN: 3 HOURS LOST: 5		HOURS RUN: 4 HOURS LOST: 4	
CAUSE OF TIME LOST: SER. TRIPPING. FIRE. ETC.		CAUSE OF TIME LOST: SER. RIG TRIP. FIRE.		CAUSE OF TIME LOST: SER. RIG. B.O.P. TRIP. ETC.	
DRILLER: FILL OUT YOUR REPORT COMPLETELY.		DRILLER: FILL OUT YOUR REPORT COMPLETELY.		DRILLER: FILL OUT YOUR REPORT COMPLETELY.	
FROM TO FORMATION FEET	2768 2782 14	FROM TO FORMATION FEET	2782 2796 14	FROM TO FORMATION FEET	2796 2807 11
BIT RECORD		BIT RECORD		BIT RECORD	
KIND OF BIT SERIAL NUMBER SIZE	DIAM 8030 6 1/4	KIND OF BIT SERIAL NUMBER SIZE	DIAM 8030 6 1/4	KIND OF BIT SERIAL NUMBER SIZE	DIAM 8030 6 1/4
DRILLED FROM TO TOTAL FT. TOTAL HRS. FOOTAGE MADE WHEN PULLED	2768 2782 14 3	DRILLED FROM TO TOTAL FT. TOTAL HRS. FOOTAGE MADE WHEN PULLED	2782 2796 14 2	DRILLED FROM TO TOTAL FT. TOTAL HRS. FOOTAGE MADE WHEN PULLED	2788 2807 19 6
CORE RECORD		CORE RECORD		CORE RECORD	
KIND OF BARREL NEW OR USED SIZE OF CORE	DIAM USED 3 1/2 2768 2782	KIND OF BARREL NEW OR USED SIZE OF CORE	DIAM USED 3 1/2 2782 2796	KIND OF BARREL NEW OR USED SIZE OF CORE	DIAM USED 3 1/2 2788 2807
CORED FROM TO HOURS CORED FOOTAGE CORED FOOTAGE RECOVERED	3 14	CORED FROM TO HOURS CORED FOOTAGE CORED FOOTAGE RECOVERED	4 20	CORED FROM TO HOURS CORED FOOTAGE CORED FOOTAGE RECOVERED	6 19
STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 89		STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 89		STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 90	
PUMPS		PUMPS		PUMPS	
MAKE SIZE LINER SIZE STROKES PER MIN. PUMP PRES. WT. VIS.	WHELAND 14 6 30 350 9.9. 60.	MAKE SIZE LINER SIZE STROKES PER MIN. PUMP PRES. WT. VIS.	WHELAND 14 6 30 350 9.9. 58.	MAKE SIZE LINER SIZE STROKES PER MIN. PUMP PRES. WT. VIS.	WHELAND 14 6 30 350 9.8. 59.
BOILERS		BOILERS		BOILERS	
MAKE NO. IN BATTERY SIZE STEAM PRES. R.P.M.	W-4. 4.2. FC 7/32 70-60.	MAKE NO. IN BATTERY SIZE STEAM PRES. R.P.M.	60-70	MAKE NO. IN BATTERY SIZE STEAM PRES. R.P.M.	70-60
WEIGHT		WEIGHT		WEIGHT	
NO. OF LINES POINTS OF WEIGHT DEPTH DEGREES FORMATION SLOPE	8 2460 1	NO. OF LINES POINTS OF WEIGHT DEPTH DEGREES FORMATION SLOPE	8 2460 1	NO. OF LINES POINTS OF WEIGHT DEPTH DEGREES FORMATION SLOPE	8 2460 1
FISHING		FISHING		FISHING	
DEPTH TWISTED OFF JOINTS DOWN PIPE OR T. J. LOST TIME CATCH FISH		DEPTH TWISTED OFF JOINTS DOWN PIPE OR T. J. LOST TIME CATCH FISH		DEPTH TWISTED OFF JOINTS DOWN PIPE OR T. J. LOST TIME CATCH FISH	
REMARKS: SER. RIG - 1/2. FINISHED OUT W/ PACKER - 3/4. BROKE & LAYED DOWN TOOL - 1. PICKED UP & SER. C. B.M. - 1/2. RAN IN HOLE W/ C. B.M. - 1 3/4. CIRC. CLEAN HOLE BEFORE CORING - 1/2. CORING - 3.		REMARKS: SER. RIG - 1/2. CORING - 1. PULLED OUT W/ CORE - 1 1/2. RECOVERED & WASHED CORE - 3/4. SERVICED CORE B.M. - 1/2. RAN IN W/ CORE B.M. - 1 3/4. CIRC. WHITING TO CLEAN HOLE BEFORE CORING - 1/2.		REMARKS: SER. RIG - 1/2. TEST B.O.P. - 1/2. CORING - 4. PULLED OUT TO TEST - 1 3/4. RECOVERED & WASHED CORE - 1. PICK UP PACKER - 1/4.	
NAME OF EMPLOYEE OCCUPATION		NAME OF EMPLOYEE OCCUPATION		NAME OF EMPLOYEE OCCUPATION	
H. HORRICKS. D.M. 8.		CORING - 2. D.M.		J. STANGE. D.M. 8.	
G. ROWE. F.M. OR ENG. 8.		J. McARTHUR. H. 8.		L. L. MIRD. F.M. OR ENG. 8.	
H. MONTMINY. H. 8.		F. WILSON. H. 8.		R. DE CLERCK. H. 8.	
D. JENSEN. H. 8.		C. M. HUCH. H. 8.		W. SHIFLET. H. 8.	
SIGNED A. GOOD. 8. DRILLER		SIGNED J. TRUDLO. 8.		SIGNED B. SATHER. 8.	

Ok'd by S. G. [Signature] Tool Pusher.

SIGNED

H. GOOD. 8.

DRILLER

SIGNED

J. L. RND LO. 8.

SIGNED

B. FATHER. 8.

OZARK DRILLING CO. LTD.

Ok'd. by L. Schickel Tool Pusher.

RIG NO. 5	FARM	WELL NO. 1	COMPANY TECHNICAL OIL CONS. LTD	DISTRICT N.W.T.	DATE APR. 13 1955			
FOR 8 HOURS ENDING AT 8 A. M.			FOR 8 HOURS ENDING AT 4 P. M.			FOR 8 HOURS ENDING AT 12 P. M.		
HOURS RUN: 7 HOURS LOST: 1			HOURS RUN: 7 HOURS LOST: 1			HOURS RUN: 7 HOURS LOST: 1		
CAUSE OF TIME LOST: SER. RIG. TEST B.O.P.			CAUSE OF TIME LOST: SER. RIG. TEST B.O.P.			CAUSE OF TIME LOST: SER. RIG. TEST B.O.P.		
DRILLER: FILL OUT YOUR REPORT COMPLETELY.			DRILLER: FILL OUT YOUR REPORT COMPLETELY.			DRILLER: FILL OUT YOUR REPORT COMPLETELY.		
FROM TO FORMATION FEET			FROM TO FORMATION FEET			FROM TO FORMATION FEET		
2652 2676 24			2676 2698 22			2698 2723 25		
BIT RECORD			BIT RECORD			BIT RECORD		
KIND OF BIT SERIAL NUMBER SIZE DRILLED TOTAL FT. TOTAL HRS. FOOTAGE MADE WHEN PULLED			KIND OF BIT SERIAL NUMBER SIZE DRILLED TOTAL FT. TOTAL HRS. FOOTAGE MADE WHEN PULLED			KIND OF BIT SERIAL NUMBER SIZE DRILLED TOTAL FT. TOTAL HRS. FOOTAGE MADE WHEN PULLED		
OW 41486 9 2652 2676 24 7			OW 41486 9 2652 2698 46 14			OW 41486 9 2652 2723 71 21		
CORE RECORD			CORE RECORD			CORE RECORD		
KIND OF BARREL NEW OR USED SIZE OF CORE CORED HOURS CORED FOOTAGE CORED FOOTAGE RECOVERED			KIND OF BARREL NEW OR USED SIZE OF CORE CORED HOURS CORED FOOTAGE CORED FOOTAGE RECOVERED			KIND OF BARREL NEW OR USED SIZE OF CORE CORED HOURS CORED FOOTAGE CORED FOOTAGE RECOVERED		
OW 41486 9 2652 2676 24 7			OW 41486 9 2652 2698 46 14			OW 41486 9 2652 2723 71 21		
STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 85			STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 86			STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 87		
PUMPS			PUMPS			PUMPS		
MAKE SIZE LINER SIZE STROKES PER MIN. PUMP PRES. WT. VIS.			MAKE SIZE LINER SIZE STROKES PER MIN. PUMP PRES. WT. VIS.			MAKE SIZE LINER SIZE STROKES PER MIN. PUMP PRES. WT. VIS.		
WHELAND 14 6 40 475 9.8 60			WHELAND 14 6 40 475 9.8 58			WHELAND 14 6 40 475 9.8 59		
BOILERS			BOILERS			BOILERS		
MAKE NO. IN BATTERY SIZE STEAM PRES. R.P.M.			MAKE NO. IN BATTERY SIZE STEAM PRES. R.P.M.			MAKE NO. IN BATTERY SIZE STEAM PRES. R.P.M.		
180			180			180		
WEIGHT			WEIGHT			WEIGHT		
NO. OF LINES POINTS OF WEIGHT DEPTH DEGREES FORMATION SLOPE			NO. OF LINES POINTS OF WEIGHT DEPTH DEGREES FORMATION SLOPE			NO. OF LINES POINTS OF WEIGHT DEPTH DEGREES FORMATION SLOPE		
6 2460 1°			6 2460 1°			6 2460 1°		
FISHING			FISHING			FISHING		
DEPTH TWISTED OFF JOINTS DOWN PIPE OR T. J. LOST TIME CATCH FISH?			DEPTH TWISTED OFF JOINTS DOWN PIPE OR T. J. LOST TIME CATCH FISH?			DEPTH TWISTED OFF JOINTS DOWN PIPE OR T. J. LOST TIME CATCH FISH?		
REMARKS:			REMARKS:			REMARKS:		
SER. RIG - 1/2			SER. RIG - 1/2			SER. RIG - 1/2		
TEST B.O.P. - 1/2			TEST B.O.P. - 1/2			TEST B.O.P. - 1/2		
DRILLING - 7			DRILLING - 7			DRILLING - 7		
NAME OF EMPLOYEE OCCUPATION			NAME OF EMPLOYEE OCCUPATION			NAME OF EMPLOYEE OCCUPATION		
A. HORRICKS. D.M. 8.			J. McARTHUR. D.M. 8.			J. STANGE. D.M. 8.		
B. ROWE. F.M. OR ENG. 8.			F. WILSON. F.M. OR ENG. 8.			L. LAIRD. F.M. OR ENG. 8.		
H. MONTMINY. H. 8.			C. MARCH. H. 8.			R. De CHERCK. H. 8.		
D. JENSEN. H. 8.			J. ROWE. H. 8.			W. SHIFLET. H. 8.		
SIGNED A. GOOD. 8. DRILLER			SIGNED J. ZRNDLO. 8.			SIGNED B. EATHER. 8.		

OZARK DRILLING CO. LTD.

Ok'd by H. Schubert Tool Pusher.

Tool Pusher. ⁷⁶
AR. 12. 19 55

[illegible]

DAILY DRILLING REPORT

OZARK DRILLING CO. LTD.

RIG NO. 5 FARM 1 WELL NO. 1 COMPANY TECHNICAL OIL CONS. LTD. DISTRICT N.W.T. DATE MAR. 11 1955
 OK'd by G. L. Lister Tool Pusher.

FOR 8 HOURS ENDING AT 8 A. M.
 HOURS RUN: 4 1/4 HOURS LOST: 3 3/4
 CAUSE OF TIME LOST: SER. RIG. B.O.P. TRIP. PIRC.
 DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
2606	2620		14

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
DIAM	8030	6 1/4	2606	2620	14	4 1/4	

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED
DIAM	USED	2 7/8	2606	2620	4 1/4	14	CONTINUED

STRING NUMBER AND SIZE DRILL PIPE IN HOLES 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 84

MAKE	SIZE	LINER SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHEELAND	14	6	30	350	9.6	50

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				60-70

WEIGHT	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
8		2460	1°	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH

REMARKS: SER. RIG - 1/2.
TEST B.O.P. - 1/2.
PICKED UP SER. C.B.B.I. - 1/2.
RUN IN TO CORE - 1 3/4.
CIRCULATING TO CLEAN
HOLE BEFORE CORING - 1/2.
CORING - 4 1/4.

NAME OF EMPLOYEE	OCCUPATION
H. HOKKICKS.	D.M. 8.
B. ROWE.	F.M. OR ENG. 8.
H. MONTMINY.	H. 8.
D. JENSEN.	H. 8.

SIGNED H. GOOD. 8. DRILLER

FOR 8 HOURS ENDING AT 4 P. M.
 HOURS RUN: 8 HOURS LOST: 0
 CAUSE OF TIME LOST: SER. WHILE RUN
 DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
2620	2646		26.

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
DIAM	8030	6 1/4	2606	2646	40	12 1/4	40

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED
DIAM	USED	2 7/8	2606	2646	12 1/4	40	40

STRING NUMBER AND SIZE DRILL PIPE IN HOLES 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 84

MAKE	SIZE	LINER SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHEELAND	14	6	30	350	9.6	52.

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				60-70

WEIGHT	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
8		2460	1°	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH

REMARKS: CORING - 8.

NAME OF EMPLOYEE	OCCUPATION
J. McARTHUR.	D.M. 8.
F. WILSON.	F.M. OR ENG. 8.
C. MARCH.	H. 8.
J. ROWE.	H. 8.

SIGNED J. ZRUDLO. 8.

FOR 8 HOURS ENDING AT 12 P. M.
 HOURS RUN: 0 HOURS LOST: 8
 CAUSE OF TIME LOST: SER. RIG. B.O.P. TRIPPING. REAMING
 DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
2646	2646		0

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
W7	18844	9	2606	2614	8	2	

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLES 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 83

MAKE	SIZE	LINER SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHEELAND	14	6	40	450	9.6	50.

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				180.

WEIGHT	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
8		2460	1°	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH

REMARKS: SER. RIG - 1/2.
TEST B.O.P. - 1/2.
PULLED OUT W/ CORE - 1 3/4.
RECOVERED & WASH CORE - 1.
PICKED UP DRILL COLLARS
& RUN IN HOLE TO REAM - 1 3/4.
REAMING RAT HOLE - 2.
REPAIR ROTARY CHAIN - 1/2.

NAME OF EMPLOYEE	OCCUPATION
J. STANGE.	D.M. 8.
L. LAIRD.	F.M. OR ENG. 8.
R. DeCLERCK.	H. 8.
W. SHIFLET.	H. 8.

SIGNED B. SAYER. 8.

DAILY DRILLING REPORT

OZARK DRILLING CO. LTD.

Oiled by *J. McArthur* Tool Pusher. *76 55.*

RIG NO. <i>5</i>		FARM		WELL NO. <i>1</i>		COMPANY		DISTRICT <i>N.W.T.</i>		DATE <i>APR. 10. 1955</i>													
FOR 8 HOURS ENDING AT <i>8 A.M.</i>						FOR 8 HOURS ENDING AT <i>4 P.M.</i>						FOR 8 HOURS ENDING AT <i>12 P.M.</i>											
HOURS RUN: <i>1 1/2</i> HOURS LOST: <i>6 1/2</i>						HOURS RUN: <i>0</i> HOURS LOST: <i>8</i>						HOURS RUN: <i>1 1/2</i> HOURS LOST: <i>7 1/2</i>											
CAUSE OF TIME LOST: <i>SER. TRIPPING. B.O.P. ETC.</i>						CAUSE OF TIME LOST: <i>SER. B.O.P. TRIPPING. TESTING</i>						CAUSE OF TIME LOST: <i>SER. RIG. B.O.P. TRIPPING. MUD.</i>											
DRILLER: FILL OUT YOUR REPORT COMPLETELY.						DRILLER: FILL OUT YOUR REPORT COMPLETELY.						DRILLER: FILL OUT YOUR REPORT COMPLETELY.											
FROM		TO		FORMATION		FEET		FROM		TO		FORMATION		FEET		FROM		TO		FORMATION		FEET	
<i>2600</i>		<i>2604</i>				<i>4</i>		<i>2604</i>		<i>2604</i>				<i>0</i>		<i>2604</i>		<i>2606</i>				<i>2</i>	
BIT RECORD						BIT RECORD						BIT RECORD											
KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED	KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED	KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
<i>TYPE J</i>	<i>17343</i>	<i>6 1/2</i>	<i>2600</i>	<i>2604</i>	<i>4</i>	<i>1 1/2</i>	<i>4</i>	<i>TEST</i>								<i>W7</i>	<i>18655</i>	<i>9</i>	<i>2600</i>	<i>2604</i>	<i>4</i>	<i>1 1/4</i>	<i>REAMING</i>
<i>H.F.</i>																<i>W7</i>	<i>18655</i>	<i>9</i>	<i>2604</i>	<i>2606</i>	<i>2</i>	<i>1 1/2</i>	<i>DRILL</i>
CORE RECORD						CORE RECORD						CORE RECORD											
KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED	KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED	KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED
<i>TYPE J USED</i>		<i>2600</i>	<i>2604</i>	<i>1 1/2</i>	<i>4</i>	<i>4</i>		<i>TESTED INTERVAL - 2604-2691</i>								<i>FIXED - 6 SHX. HONAKER</i>							
<i>MIXED - 50# PRESERVATIVE</i>						<i>GOOD INITIAL BLOW. GAS TO SURFACE IN 5 MIN. REC. 115' SHAPHER CUT MUD.</i>						<i>300# IMPERMEX. 25# PRESERVATIVE.</i>											
STRING NUMBER AND SIZE DRILL PIPE IN HOLE <i>4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 85</i>						STRING NUMBER AND SIZE DRILL PIPE IN HOLE <i>4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 85</i>						STRING NUMBER AND SIZE DRILL PIPE IN HOLE <i>4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 84</i>											
PUMPS						PUMPS						PUMPS											
MAKE	SIZE	LINER SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.	MAKE	SIZE	LINER SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.	MAKE	SIZE	LINER SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.			
<i>WHELAND</i>	<i>14</i>	<i>6</i>	<i>30</i>	<i>350</i>	<i>9.7</i>	<i>59</i>	<i>WHELAND</i>	<i>14</i>	<i>6</i>					<i>WHELAND</i>	<i>14</i>	<i>6</i>	<i>40</i>	<i>450</i>	<i>9.7</i>	<i>58</i>			
BOILERS						BOILERS						BOILERS											
MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.		MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.		MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.							
<i>60-70</i>												<i>180</i>											
WEIGHT						WEIGHT						WEIGHT											
NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE		NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE		NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE							
<i>8</i>		<i>2460</i>	<i>1</i>			<i>8</i>		<i>2460</i>	<i>1</i>			<i>8</i>		<i>2460</i>	<i>1</i>								
FISHING						FISHING						FISHING											
DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH		DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH		DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH							
REMARKS: <i>SER. RIG - 1/2. TEST B.O.P. - 1/2. PICKED UP CONVENTIONAL NUGGETS TYPE T BBL. & RUN IN HOLE - 1 3/4. CIRCULATE TO CLEAN HOLE - 1/2. CORING - 1 1/2.</i>						REMARKS: <i>SER. RIG - 1/2. TEST B.O.P. - 1/2. MADE UP PACKER - 1 3/4. RUN IN W/ PACKER - 1 3/4. TESTING & SHUT IN - 1 1/4. PULLED PACKER - 1 3/4. BROKE & LAYED DOWN TOOL - 1/2. STARTED IN HOLE W/ JUNK SUB - 1.</i>						REMARKS: <i>SER. RIG - 1/2. TESTED B.O.P. - 1/2. FINISHED IN W/ JUNK SUB - 3/4. REAMING RAT HOLE - 1 1/4. DRILLING W/ JUNK SUB - 1/2. MIXING MUD, CIRCULATING TO CLEAN HOLE BEFORE PAVING OUT TO CORE - 1 3/4. PULLED OUT TO CORE - 1 3/4. CLEAN OUT JUNK SUB - 1/2. START IN W/ DIAM P. BBL - 1/2. W. SHIFLET. J. STANLEY. R. De CHEREK. L. HIRD.</i>											
NAME OF EMPLOYEE						NAME OF EMPLOYEE						NAME OF EMPLOYEE											
<i>H. HORRICKS. D.M. 8.</i>						<i>J. McARTHUR. D.M. 8.</i>						<i>PULLED OUT TO CORE - 1 3/4.</i>											
<i>B. ROWE. F.M. OR ENG. 8.</i>						<i>F. WILSON. F.M. OR ENG. 8.</i>						<i>CLEAN OUT JUNK SUB - 1/2.</i>											
<i>H. MONTMINY. H. 8.</i>						<i>C. MAUCH. H. 8.</i>						<i>START IN W/ DIAM P. BBL - 1/2.</i>											
<i>D. JENSEN. H. 8.</i>						<i>J. ROWE. H. 8.</i>						<i>W. SHIFLET. H. 8.</i>											
												<i>J. STANLEY. H. 8.</i>											
												<i>R. De CHEREK. 8.</i>											
												<i>L. HIRD. 8.</i>											
SIGNED <i>H. GOOD. 8.</i> DRILLER						SIGNED <i>J. ZRUDKO. 8.</i>						SIGNED <i>B. SATHER. 8.</i>											

OZARK DRILLING CO. LTD.

OK'd. by *J. Webster* Tool Pusher. ⁷⁶
 STRICT *N. W. T.* DATE *APR. 9* 19 *55*

RIG NO. 5	FARM	WELL NO. 1	COMPANY TECHNICAL OIL CONS. LTD.	DISTRICT N.W.T.	DATE MAR. 9 1955
FOR 8 HOURS ENDING AT 8 A.M.		FOR 8 HOURS ENDING AT 4 P.M.		FOR 8 HOURS ENDING AT 12 P.M.	
HOURS RUN: 0. HOURS LOST: 8.		HOURS RUN: 1 1/2. HOURS LOST: 7 1/2.		HOURS RUN: 2. HOURS LOST: 6.	
CAUSE OF TIME LOST: SER. RIG TRIPPING TESTING.		CAUSE OF TIME LOST: MUD. MUD BLOWING OUT.		CAUSE OF TIME LOST: SER. B.O.P. TRIPPING ETC.	
DRILLER: FILL OUT YOUR REPORT COMPLETELY.		DRILLER: FILL OUT YOUR REPORT COMPLETELY.		DRILLER: FILL OUT YOUR REPORT COMPLETELY.	
FROM TO FORMATION FEET		FROM TO FORMATION FEET		FROM TO FORMATION FEET	
2594 2594 0		2594 2596 2		2596 2600 4	
BIT RECORD		BIT RECORD		BIT RECORD	
KIND OF BIT SERIAL NUMBER SIZE DRILLED TOTAL FT. TOTAL HRS. FOOTAGE MADE WHEN PULLED		KIND OF BIT SERIAL NUMBER SIZE DRILLED TOTAL FT. TOTAL HRS. FOOTAGE MADE WHEN PULLED		KIND OF BIT SERIAL NUMBER SIZE DRILLED TOTAL FT. TOTAL HRS. FOOTAGE MADE WHEN PULLED	
W7 18655 9		W7 18655 9 2594 2596 2 1 1/2 2		W7 18655 9 2594 2600 6 2 1/2 6	
CORE RECORD		CORE RECORD		CORE RECORD	
KIND OF BARREL NEW OR USED SIZE OF CORE CORED HOURS CORED FOOTAGE CORED FOOTAGE RECOVERED		KIND OF BARREL NEW OR USED SIZE OF CORE CORED HOURS CORED FOOTAGE CORED FOOTAGE RECOVERED		KIND OF BARREL NEW OR USED SIZE OF CORE CORED HOURS CORED FOOTAGE CORED FOOTAGE RECOVERED	
LIKE O-5 S&X HONAGEL 50# PLASTER PARIS. 200# IMPERMEX.		MIXED - 100# PLASTER PARIS. 800# IMPERMEX. 6 S&X HONAGEL.		DRILLING ON IRON.	
STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 83.		STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 83.		STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 83.	
PUMPS		PUMPS		PUMPS	
MAKE SIZE LINER SIZE STROKES PER MIN. WT. VIS.		MAKE SIZE LINER SIZE STROKES PER MIN. WT. VIS.		MAKE SIZE LINER SIZE STROKES PER MIN. WT. VIS.	
WHELAND 14 6 40 450 9.1. 46		WHELAND 14 6 40 200 46 9.6 55		WHELAND 14 6 40 450 9.6 58	
BOILERS		BOILERS		BOILERS	
MAKE NO. IN BATTERY SIZE STEAM PRES. TABLE R.P.M.		MAKE NO. IN BATTERY SIZE STEAM PRES. TABLE R.P.M.		MAKE NO. IN BATTERY SIZE STEAM PRES. TABLE R.P.M.	
180		180		180	
WEIGHT		WEIGHT		WEIGHT	
NO. OF LINES POINTS OF WEIGHT DEPTH DEGREES FORMATION SLOPE		NO. OF LINES POINTS OF WEIGHT DEPTH DEGREES FORMATION SLOPE		NO. OF LINES POINTS OF WEIGHT DEPTH DEGREES FORMATION SLOPE	
8 2460 1		8 2460 1		8 2460 1	
FISHING		FISHING		FISHING	
DEPTH TWISTED OFF JOINTS DOWN PIPE OR T. J. LOST TIME CATCH FISH		DEPTH TWISTED OFF JOINTS DOWN PIPE OR T. J. LOST TIME CATCH FISH		DEPTH TWISTED OFF JOINTS DOWN PIPE OR T. J. LOST TIME CATCH FISH	
REMARKS: TESTING & SHUT IN - 1 1/2. PULLED OUT W/ PACKER - 1 3/4. BROKE & LAYED DOWN PACKER - 1. PICKED UP DRILL COLLARS & RUN IN HOLE - 1 3/4. MUD LIFTING OUT OF HOLE, GAS OUT CIRCULATING HOLE, CONDITIONING MUD - 3.		REMARKS: SER. RIG - 1 1/2. TEST B.O.P. - 1 1/2. MUD LIFTING OUT OF HOLE. MIXING MUD BUILDING UP VOLUME & CIRCULATING. CLASSIFIED MUD - 6 1/2. DRILLING W/ TUNK SUB, PART OF CORE CATCHER IN HOLE - 1 1/2.		REMARKS: SER. RIG - 1 1/2. TEST B.O.P. - 1 1/2. PULLED TUNK BASKET - 1 3/4. CLEAN OUT SUB & RUN BACK IN W/ TUNK SUB - 1 3/4. DRILLING W/ BASKET - 2. PULLED OUT OF HOLE & CLEAN OUT TUNK SUB - 1 1/2.	
NAME OF EMPLOYEE OCCUPATION		NAME OF EMPLOYEE OCCUPATION		NAME OF EMPLOYEE OCCUPATION	
H. HORRICKS. D.M. 8.		J. McARTHUR. D.M. 8.		J. STANGE. D.M. 8.	
B. ROWE. F.M. OR ENG. 8.		F. WILSON. F.M. OR ENG. 8.		L. L. HIRD. F.M. OR ENG. 8.	
H. MONTMINY. H. 8.		C. MAUCH. H. 8.		R. De CLERCK. H. 8.	
D. JENSEN. H. 8.		J. ROWE. H. 8.		W. SHIFLET. H. 8.	
SIGNED H. GOOD. 8. DRILLER		SIGNED J. ZUDRO. 8.		SIGNED B. SATHER. 8.	

OK'd. by G. M. Miller Tool Pusher. 76

SIGNED

OK'd by G. A. Lester Tool Pusher.

RIG NO.	FARM	WELL NO.	COMPANY	DISTRICT	DATE
5		1.	TECHNICAL DRILLING CO., LTD.	N.W.T.	MAR. 7 - 1955

FOR 8 HOURS ENDING AT 8 P. M.					
HOURS RUN:			HOURS LOST:		
0			8		
CAUSE OF TIME LOST: WAIT ON TESTER					
DRILLER: FILL OUT YOUR REPORT COMPLETELY.					
FROM	TO	FORMATION	FEET		
2592	2592		0		

BIT RECORD							
KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED	
WT 186SS	9						

CORE RECORD							
KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM TO	HOURS CORDED	FOOTAGE CORDED	FOOTAGE RECOVERED	

STRING NUMBER AND SIZE DRILL PIPE IN HOLES							
H ¹ / ₂ F.H. TOOL JTS. O.D. S ³ / ₄ NO. JTS. 82							
PUMPS				MUD			
MAKE	SIZE	LINER SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.	
WHELAND	14	6	40	450	9.7	47.	
BOILERS				TABLE			
MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	R.P.M.			
WEIGHT		VERTICAL TEST					
NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE			
8		2460	1°				
FISHING							
DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?			
REMARKS: CIRCULATING HOLE, WAITING ON TESTER-8?							

NAME OF EMPLOYEE		OCCUPATION
A. HORRICKS	D.M.	8.
D. JENSEN	F.M. OR ENG.	8.
B. ROWE	"	8.
A. MONTMINY	"	8.

NAME OF EMPLOYEE		OCCUPATION
J. McARTHUR	D.M.	8.
F. WILSON	F.M. OR ENG.	8.
E. MANICH	"	8.
J. ROWE	"	8.

NAME OF EMPLOYEE		OCCUPATION
I. STANGE	D.M.	8.
L. LAIRD	F.M. OR ENG.	8.
R. De PLERCK	"	8.
W. SHIFLET	"	8.

FOR 8 HOURS ENDING AT 4 P. M.					
HOURS RUN:			HOURS LOST:		
0			8		
CAUSE OF TIME LOST: WAIT ON TESTER.					
DRILLER: FILL OUT YOUR REPORT COMPLETELY.					
FROM	TO	FORMATION	FEET		
2592	2592		0		

BIT RECORD							
KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED	
WT 186SS	9						

CORE RECORD							
KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM TO	HOURS CORDED	FOOTAGE CORDED	FOOTAGE RECOVERED	

STRING NUMBER AND SIZE DRILL PIPE IN HOLES							
H ¹ / ₂ F.H. TOOL JTS. O.D. S ³ / ₄ NO. JTS. 82							
PUMPS				MUD			
MAKE	SIZE	LINER SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.	
WHELAND	14	6	40	450	9.7	47.	
BOILERS				TABLE			
MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	R.P.M.			
WEIGHT		VERTICAL TEST					
NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE			
8		2460	1°				
FISHING							
DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?			
REMARKS: CIRCULATING HOLE, WAITING ON TESTER-8.							

NAME OF EMPLOYEE		OCCUPATION
J. McARTHUR	D.M.	8.
F. WILSON	F.M. OR ENG.	8.
E. MANICH	"	8.
J. ROWE	"	8.

FOR 8 HOURS ENDING AT 12 P. M.					
HOURS RUN:			HOURS LOST:		
0			8		
CAUSE OF TIME LOST: CIRE. HOLE. REAMING					
DRILLER: FILL OUT YOUR REPORT COMPLETELY.					
FROM	TO	FORMATION	FEET		
2592	2592		0		

BIT RECORD							
KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED	
WT 186SS	9						

CORE RECORD							
KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM TO	HOURS CORDED	FOOTAGE CORDED	FOOTAGE RECOVERED	

STRING NUMBER AND SIZE DRILL PIPE IN HOLES							
H ¹ / ₂ F.H. TOOL JTS. O.D. S ³ / ₄ NO. JTS. 82							
PUMPS				MUD			
MAKE	SIZE	LINER SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.	
WHELAND	14	6	40	450	9.7	47.	
BOILERS				TABLE			
MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	R.P.M.			
WEIGHT		VERTICAL TEST					
NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE			
8		2460	1°				
FISHING							
DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?			
REMARKS: CIRE. WAIT ON TESTER-1 ¹ / ₂ . REAMING RAT HOLE - 2 ¹ / ₂ . CIRCULATING HOLE, WAITING UNTIL MORNING TOUR TO FINISH REAMING RAT HOLE - 4 GEOLOGISTS' ORDERS.							

NAME OF EMPLOYEE		OCCUPATION
I. STANGE	D.M.	8.
L. LAIRD	F.M	

DAILY DRILLING REPORT

OZARK DRILLING CO. LTD.

OK'd by *W. H. S. S.* Tool Pusher.RIG NO. *5* FARM *1* WELL NO. *1* COMPANY *TECHNICAL OIL CO. N'S. LTD.* DISTRICT *N.W.T.* DATE *MAR. 6 1955*FOR 8 HOURS ENDING AT *8 P. M.*HOURS RUN: *0* HOURS LOST: *8*CAUSE OF TIME LOST: *WAIT ON TESTER.*

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
<i>2592</i>	<i>2592</i>		<i>0</i>

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
<i>W7</i>	<i>18655</i>	<i>9</i>					

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE *4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 82.*

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
<i>WHEELAND</i>	<i>14</i>	<i>6</i>	<i>40</i>	<i>450</i>	<i>9.7</i>	<i>46</i>

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.

WEIGHT	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
<i>8</i>		<i>2460</i>	<i>1°</i>	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS: *CIRCULATING HOLE WAITING ON TESTER-8.*FOR 8 HOURS ENDING AT *4 P. M.*HOURS RUN: *0* HOURS LOST: *8*CAUSE OF TIME LOST: *WAIT ON TESTER.*

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
<i>2592</i>	<i>2592</i>		<i>0</i>

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
<i>W7</i>	<i>18655</i>	<i>9</i>					

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE *4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 82.*

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
<i>WHEELAND</i>	<i>14</i>	<i>6</i>	<i>40</i>	<i>450</i>	<i>9.7</i>	<i>47</i>

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.

WEIGHT	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
<i>8</i>		<i>2460</i>	<i>1°</i>	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS: *CIRCULATING HOLE WAITING ON TESTER-8.*FOR 8 HOURS ENDING AT *12 P. M.*HOURS RUN: *0* HOURS LOST: *8*CAUSE OF TIME LOST: *WAIT ON TESTER.*

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
<i>2592</i>	<i>2592</i>		<i>0</i>

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
<i>W7</i>	<i>18655</i>	<i>9</i>					

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE *4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 82.*

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
<i>WHEELAND</i>	<i>14</i>	<i>6</i>	<i>40</i>	<i>450</i>	<i>9.7</i>	<i>47</i>

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.

WEIGHT	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
<i>8</i>		<i>2460</i>		

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS: *CIRCULATING HOLE WAITING ON TESTER-8.*

SIGNED

H. GOOD. 8.

DRILLER

SIGNED

J. LINDLO. 8.

SIGNED

B. SATHER. 8.

DAILY DRILLING REPORT

OZARK DRILLING CO. LTD.

Ok'd. by *G. Leubner* Tool Pusher *71*RIG NO. *5.* FARM *8 A. M.* WELL NO. *1.* COMPANY *TECHNICAL OIL CONS. LTD.* DISTRICT *N. W. T.* DATE *MAR. 5. 1955.*FOR 8 HOURS ENDING AT *8 A. M.*
HOURS RUN: *1 1/4* HOURS LOST: *6 3/4*
CAUSE OF TIME LOST: *SER. REAM. CIR. TRIPPING.*
DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
2563	2568		5.

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
W7	18688	9	2556	2568	12	5	12
KEH MED. 7.							

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE *4 1/2 F.H.* TOOL JTS. O.D. *5 3/4* NO. JTS. *82*

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHEELAND	14	6	40	450	9.6	46

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				180

WEIGHT	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
8		2460	1°	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS: *SER. RIG - 1/2.*
REAMING - 3 3/4.
DRILLING W/ JUNK BASKET - 1 1/4
CIRCULATING TO CLEAN HOLE - 3/4.
PULLED JUNK BASKET - 1 3/4.

NAME OF EMPLOYEE	OCCUPATION
H. HORRICKS	D.M. 8.
B. ROWE	F.M. OR ENG. 8.
J. STANGE	H. 8.
H. MONTMINY	H. 8.

FOR 8 HOURS ENDING AT *4 P. M.*
HOURS RUN: *3* HOURS LOST: *5*
CAUSE OF TIME LOST: *SER. TRIPPING. CIR.*
DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
2568	2587		19.

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
DIAM	8030	6 1/4	2568	2587	19	3	19

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED
DIAM	USED	2 7/8	2568	2587	3	19	19

STRING NUMBER AND SIZE DRILL PIPE IN HOLE *4 1/2 F.H.* TOOL JTS. O.D. *5 3/4* NO. JTS. *82*

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHEELAND	14	6	350	30	9.7	45

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				60-70

WEIGHT	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
8		2460	1°	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS: *SER. RIG - 1/2.*
RUN IN TO CORE - 1 3/4.
CIR. BEFORE CORING - 3/4.
CORING - 3.
PULLED CORE - 1 1/2.
RECOVERED CORE - 1/2.

NAME OF EMPLOYEE	OCCUPATION
D. JENSEN	D.M. 8.
E. WILSON	F.M. OR ENG. 8.
R. DE CHERCK	H. 8.
W. SHIFLET	H. 8.

SIGNED *B. JATHER. 8.*FOR 8 HOURS ENDING AT *12 P. M.*
HOURS RUN: *1* HOURS LOST: *7*
CAUSE OF TIME LOST: *SER. B.O.P. TRIPPING. WAIT.*
DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
2587	2592		5.

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
W7	18688	9	2587	2592	24	4	25
DIAM	8030	6 1/4	2587	2592	24	4	25

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED
DIAM	USED	2 7/8	2587	2592	4	24	24

STRING NUMBER AND SIZE DRILL PIPE IN HOLE *4 1/2 F.H.* TOOL JTS. O.D. *5 3/4* NO. JTS. *82*

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHEELAND	14	6	30	350	9.7	45

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				60-70

WEIGHT	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
8		2460	1°	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS: *SER. RIG - 1/2.*
TEST B.O.P. - 1 1/2.
RUN IN W/ P.B.B. - 1 1/2.
CORING - 1.
PULLED CORE - 1 3/4
RUN IN W/ BIT - 1 3/4
CIRCULATING WAITING TO TEST - 1.

NAME OF EMPLOYEE	OCCUPATION
J. McARTHUR	D.M. 8.
L. LIRD.	F.M. OR ENG. 8.
C. MANCH.	H. 8.
J. ROWE	H. 8.

SIGNED *J. LUDRO. 8*

SIGNED

H. GOOD. 8.

DRILLER

SIGNED

DAILY DRILLING REPORT

OZARK DRILLING CO. LTD.

Ok'd. by J. W. Wilson Tool Pusher 16RIG NO. 5 FARM 1 WELL NO. 1 COMPANY TECHNICAL OIL CONS. LTD. DISTRICT N.W.T. DATE MAR. 4 19 55FOR 8 HOURS ENDING AT 8 A. M.HOURS RUN: 0 HOURS LOST: 8CAUSE OF TIME LOST: SER. RIG. B.O.P. REAM.

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
2563	2563		0

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
WTR	31064	9	2511	2524	13	6	
							REAMED.

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 80

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHEELAND	14	6	40	450	9.9	44

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				180

WEIGHT	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
8		2460	1°	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH

REMARKS: SER. RIG - 1/2.
FINISHED RUNNING
IN HOLE TO REAM - 1.
TEST B.O.P. - 1/2.
REAMING - 6.

NAME OF EMPLOYEE	OCCUPATION
D. JENSEN	D.M. 8.
B. ROWE	F.M. OR ENG. 8.
R. DE CLERCK	H. 8.
W. SHIFLET	H. 8.

SIGNED

B. SATHER. 8. DRILLER

FOR 8 HOURS ENDING AT 4 P. M.HOURS RUN: 0 HOURS LOST: 8CAUSE OF TIME LOST: SER. RIG. REAMING

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
2563	2563		0

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
WTR	31064	9	2511	2544	33	13	
							REAMED

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED
							MIXED - 300 IMPERME.
							200# GELL.

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 81

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHEELAND	14	6	40	450	9.9	47.

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				180

WEIGHT	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
8		2460	1°	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH

REMARKS: SER. RIG - 1/2.
TEST B.O.P. - 1/2.
REAMING - 7.

NAME OF EMPLOYEE	OCCUPATION
H. HORRICKS.	D.M. 8.
F. WILSON.	F.M. OR ENG. 8.
J. STANGE.	H. 8.
H. MONTMINY	H. 8.

SIGNED

A. GOOD. 8.

FOR 8 HOURS ENDING AT 12 P. M.HOURS RUN: 0 HOURS LOST: 8CAUSE OF TIME LOST: SER. RIG. REAM. TRIP.

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
2563	2563		0

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
WTR	31064	9	2511	2556	46		46
W7	18655	9	2556				

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 81

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHEELAND	14	6	40	450	9.9	46

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				180

WEIGHT	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
8		2460	1°	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH

REMARKS: SER. RIG - 1/2.
REAMING - 5.
PULLED OUT OF HOLE - 1 3/4.
RUN IN W/ NEW BIT - 3/4.

NAME OF EMPLOYEE	OCCUPATION
J. McARTHUR.	D.M. 8.
L. LAIRD.	F.M. OR ENG. 8.
C. MARCH.	H. 8.
J. ROWE.	H. 8.

SIGNED

J. ZRUDLO. 8.

DAILY DRILLING REPORT

OZARK DRILLING CO. LTD.

OK'd. by *L. L. HARRIS* Tool-Pusher.

RIG NO.	FARM	WELL NO.	COMPANY	DISTRICT	DATE
5		1	TECHNICAL OIL CONS. LTD.	N.W.T.	FEB. 3 1955
FOR 8 HOURS ENDING AT 8 A.M.		FOR 8 HOURS ENDING AT 4 P.M.		FOR 8 HOURS ENDING AT 12 P.M.	
HOURS RUN: 1 1/2 HOURS LOST: 6 1/2		HOURS RUN: 7 1/2 HOURS LOST: 1 1/2		HOURS RUN: 3 1/2 HOURS LOST: 4 1/2	
CAUSE OF TIME LOST: SER. TRIPPING. REC. CORE.		CAUSE OF TIME LOST: SER. RIG.		CAUSE OF TIME LOST: SER. RIG. TRIPPING. REC. CORE.	
DRILLER: FILL OUT YOUR REPORT COMPLETELY.		DRILLER: FILL OUT YOUR REPORT COMPLETELY.		DRILLER: FILL OUT YOUR REPORT COMPLETELY.	
FROM TO FORMATION FEET		FROM TO FORMATION FEET		FROM TO FORMATION FEET	
2523 2528 5		2528 2555 27		2555 2563 8	
BIT RECORD		BIT RECORD		BIT RECORD	
KIND OF BIT SERIAL NUMBER SIZE DRILLED FROM TO TOTAL FT. TOTAL HRS. FOOTAGE MADE WHEN PULLED		KIND OF BIT SERIAL NUMBER SIZE DRILLED FROM TO TOTAL FT. TOTAL HRS. FOOTAGE MADE WHEN PULLED		KIND OF BIT SERIAL NUMBER SIZE DRILLED FROM TO TOTAL FT. TOTAL HRS. FOOTAGE MADE WHEN PULLED	
DIAM 8030 6 1/4 2523 2523 12 4 3/4 12		DIAM 8030 6 1/4 2523 2555 32 9		DIAM 8030 6 1/4 2523 2563 40 12 1/2 40	
DIAM 8030 6 1/4 2523 2528 5 1 1/2 CONTINUED					
CORE RECORD		CORE RECORD		CORE RECORD	
KIND OF BARREL NEW OR USED SIZE OF CORE CORED FROM TO HOURS CORED FOOTAGE CORED FOOTAGE RECOVERED		KIND OF BARREL NEW OR USED SIZE OF CORE CORED FROM TO HOURS CORED FOOTAGE CORED FOOTAGE RECOVERED		KIND OF BARREL NEW OR USED SIZE OF CORE CORED FROM TO HOURS CORED FOOTAGE CORED FOOTAGE RECOVERED	
DIAM USED 2 7/8 2511 2523 4 3/4 12 12		DIAM USED 2 7/8 2523 2555 9 32 CONTINUED		DIAM USED 2 7/8 2523 2563 12 1/2 40 40	
DIAM USED 2 7/8 2523 2528 1 1/2 5 CONTINUED					
STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 81.		STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 81.		STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 82.	
PUMPS		PUMPS		PUMPS	
MAKE SIZE LINER SIZE STROKES PER MIN. PUMP PRES. WT. VIS.		MAKE SIZE LINER SIZE STROKES PER MIN. PUMP PRES. WT. VIS.		MAKE SIZE LINER SIZE STROKES PER MIN. PUMP PRES. WT. VIS.	
WHEELAND 14 6 30 350 9.9. 44.		WHEELAND 14 6 30 350 9.9. 45.		WHEELAND 14 6 30 350 9.9. 46.	
BOILERS		BOILERS		BOILERS	
MAKE NO. IN BATTERY SIZE STEAM PRES. TABLE R.P.M.		MAKE NO. IN BATTERY SIZE STEAM PRES. TABLE R.P.M.		MAKE NO. IN BATTERY SIZE STEAM PRES. TABLE R.P.M.	
				60-70.	
WEIGHT		WEIGHT		WEIGHT	
NO. OF LINES POINTS OF WEIGHT DEPTH DEGREES FORMATION SLOPE		NO. OF LINES POINTS OF WEIGHT DEPTH DEGREES FORMATION SLOPE		NO. OF LINES POINTS OF WEIGHT DEPTH DEGREES FORMATION SLOPE	
8 5 2460 1°		8 5 2460 1°		8 5 2460 1°	
FISHING		FISHING		FISHING	
DEPTH TWISTED OFF JOINTS DOWN PIPE OR T. J. LOST TIME CATCH FISH?		DEPTH TWISTED OFF JOINTS DOWN PIPE OR T. J. LOST TIME CATCH FISH?		DEPTH TWISTED OFF JOINTS DOWN PIPE OR T. J. LOST TIME CATCH FISH?	
REMARKS: SER. RIG - 1/2. FINISHED PULLING CORE - 1 1/2. FRACTURE CORE - JAMMED IN BARREL, LAD DOWN INNER BBL. & RECOVERED CORE - 2. MADE U.P. BBL. & RUN IN HOLE - 2 CIRC. TO CLEAN HOLE - 1/2. CORING - 1 1/2.		REMARKS: SER. RIG - 1/2. CORING - 7 1/2.		REMARKS: SER. RIG - 1/2. CORING - 3 1/2. TEST B.O.P. - 1/2. PULLED OUT W/ CORE - 1 1/4. RECOVERED & WASHED CORE - 3/4. STARTED IN HOLE W/ DRILL COLLORS TO REAM - 1.	
NAME OF EMPLOYEE OCCUPATION		NAME OF EMPLOYEE OCCUPATION		NAME OF EMPLOYEE OCCUPATION	
D. JENSEN. D.M. 8.		H. HORRICKS D.M. 8.		J. McARTHUR. D.M. 8.	
B. ROWE. F.M. OR ENG. 8.		F. WILSON F.M. OR ENG. 8.		L. LAIRD. F.M. OR ENG. 8.	
R. DE CLERCK. H. 8.		J. STANGE H. 8.		C. MAUCH. H. 8.	
W. SHIFLET. H. 8.		H. MONTMINY H. 8.		J. ROWE. H. 8.	
SIGNED B. SATHER. 8. DRILLER		SIGNED H. GOOD. 8		SIGNED J. TRUDLO. 8.	

DAILY DRILLING REPORT

OZARK DRILLING CO. LTD.

OK'd by *G. J. R. D. S. R.* Tool Pusher. *id*RIG NO. *5* FARM *8 H. M.* WELL NO. *1* COMPANY *TECHNICAL OIL CONS. LTD.* DISTRICT *N.W.T.* DATE *APR. 2. 1955.*FOR 8 HOURS ENDING AT *8 H. M.*HOURS RUN: *0* HOURS LOST: *8*CAUSE OF TIME LOST: *SER. RIG. B.O.P. REAM.*

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
2507	2507		0

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
WT	23388	9	2507				
			2467	2506	38	20	REAMED.

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE *4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 80*

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHEELAND	14	6	40	450	9.8	44

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				180

WEIGHT NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
8		2460	1°	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH

REMARKS:

SER. RIG - 1/2.
TEST B.O.P. - 1/2.
REAMING - 7.

NAME OF EMPLOYEE	OCCUPATION
D. JENSEN.	D.M. 8.
B. ROWE.	F.M. OR ENG. 8.
R. DE CLERCK.	H. 8.
W. SHIFLET.	H. 8.

SIGNED

B. SATHER. 8.

DRILLER

FOR 8 HOURS ENDING AT *4 P. M.*HOURS RUN: *1* HOURS LOST: *7*CAUSE OF TIME LOST: *SER. RIG. B.O.P. TRIPPING, ETC.*

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
2507	2511		4.

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
WT	23388	9	2467	2509	42	40	DRILL-2
WTR	31064	9	2509	2511	2	1/2	2

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

MIXED - 50# PLASTER
100# IMPERMEX.

STRING NUMBER AND SIZE DRILL PIPE IN HOLE *4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 80*

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHEELAND	14	6	40	450	9.9	45.

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				180

WEIGHT NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
8		2460	1°	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH

REMARKS:

SER. RIG - 1/2. TEST B.O.P. - 1/2.
REAMING - 1/2. PULL OUT - 1 3/4.
RUN IN W/ JUNK SUB - 1 3/4
REAM TIGHT HOLE TO BOTTOM - 1/2.
DRILL 2' W/ JUNK SUB - 1/2
CIRC. CLEAN HOLE - 1/2.
PULLED JUNK SUB - 1 3/4
PICKED UP DIAM. CORE BAR - 1/4

NAME OF EMPLOYEE	OCCUPATION
H. HORRICKS.	D.M. 8.
F. WILSON.	F.M. OR ENG. 8.
J. STANGE.	H. 8.
H. MONTMINY.	H. 8.

SIGNED

H. GOOD. 8.

FOR 8 HOURS ENDING AT *12 P. M.*HOURS RUN: *4 3/4* HOURS LOST: *3 1/4*CAUSE OF TIME LOST: *SER. RIG. TRIP. CIRC. TRIP.*

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
2511	2523		12.

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
DIAM	8030	8 1/4	2511	2523	12	4 3/4	12.

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED
DIAM	USED	2 7/8	2511	2523	4 3/4	12.	12.

STRING NUMBER AND SIZE DRILL PIPE IN HOLE *4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 80*

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHEELAND	14	6	30	350	9.9	46.

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				60-70.

WEIGHT NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
8		2460	1°	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH

REMARKS:

SER. RIG - 1/2.
RUN IN W/ CBB - 1 3/4.
CIRC. CLEAN HOLE - 1/2.
CORING - 4 3/4.
CORE JAMMED IN
BARREL. PULLING
OUT OF HOLE - 1/2.

NAME OF EMPLOYEE	OCCUPATION
J. McARTHUR.	D.M. 8.
L. WARD.	F.M. OR ENG. 8.
C. MAUCH.	H. 8.
W. SHIFLET.	H. 8.

SIGNED

J. ZRUDLO. 8.

DAILY DRILLING REPORT

OZARK DRILLING CO. LTD.

Ok'd. by *G. J. H. H. H.* Tool Pusher.RIG NO. 5 FARM 1 WELL NO. 1 COMPANY TECHNICAL OIL CONS. LTD. DISTRICT N.W.T. DATE MAR. 1. 1955.FOR 8 HOURS ENDING AT 8 H. M.HOURS RUN: 1 1/2 HOURS LOST: 6 1/2CAUSE OF TIME LOST: SER. TRIP. REC. CORE. ETC.

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
2501	2507		6

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
DIAM	8030	6 1/4	2467	2507	40	9 1/4	40

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED
DIAM	USED	2 1/8	2467	2507	9 1/4	40.	40.

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 79.

MAKE	SIZE	LINER SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHELAND	14	6	30	350	9.9	50

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				60-70

WEIGHT NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
8		2460	1°	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS: CORING - 1 1/2.
PULLED CORE - 2.
SER. RIG - 1/2.
RECOVERED & WASHED CORE - 1.
SET BACK C.B.B. PICKED UP
DRILL COLLARS & RUNNING
BROKE CIRCULATION - 3.

NAME OF EMPLOYEE	OCCUPATION
D. JENSEN.	D.M. 8.
B. ROWE.	F.M. OR ENG. 8.
B. De CLERCK.	H. 8.
W. SHIFLET.	H. 8.
	H.

FOR 8 HOURS ENDING AT 4 P. M.HOURS RUN: 0 HOURS LOST: 8CAUSE OF TIME LOST: SER. RIG. B.O.P. REAMING.

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
2507	2507		0

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
WT	23388	9	2507		14		
			2467	2481	14	6 1/2	REAM.

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

MIXED - 300# IMPERMEX.
50# PRESERVATIVE.

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 80.

MAKE	SIZE	LINER SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHELAND	14	6	40	450	9.8	48.

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				180

WEIGHT NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
8		2460	1°	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS: SER. RIG - 1/2.
TEST B.O.P. - 1/2.
REAMING - 6 1/2.
MIXING MUD - 1/2.

NAME OF EMPLOYEE	OCCUPATION
A. HERRICKS	D.M. 8.
K. WILSON	F.M. OR ENG. 8.
J. STANGE	H. 8.
H. MONTMINY	H. 8.
	H.

SIGNED H. GOOD. 8.FOR 8 HOURS ENDING AT 12 P. M.HOURS RUN: 0 HOURS LOST: 8CAUSE OF TIME LOST: SER. RIG. REAMING

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
2507	2507		0

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
WT	23388	9	2507		10		
			2467	2491	24	13	REAM.

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

MIXED 3 SAX GEL

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 80.

MAKE	SIZE	LINER SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHELAND	14	6	40	450	9.8	45

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				180

WEIGHT NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
8		2460	1°	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS: SER. RIG - 1/2.
TEST B.O.P. - 1/2.
REAMING - 6 1/2.
MIX MUD - 1/2.

NAME OF EMPLOYEE	OCCUPATION
J. McARTHUR.	D.M. 8
L. LAIRD.	F.M. OR ENG. 8
C. MAUCH.	H. 8.
J. ROWE.	H. 8.
	H.

SIGNED J. ZRUDLO. 8.SIGNED B. JATHER. 8. DRILLER

DAILY DRILLING REPORT

OZARK DRILLING CO. LTD.

OK'd by *G. W. L. L. L.* Tool Pusher. *11*

RIG NO.	FARM	WELL NO.	COMPANY	DISTRICT	DATE
8		1.	TECHNICAL OIL CONS. LTD.	N.W.T.	FEB. 28 1935

FOR 8 HOURS ENDING AT 8 A. M.				FOR 8 HOURS ENDING AT 4 P. M.				FOR 8 HOURS ENDING AT 12 P. M.							
HOURS RUN:		0		HOURS RUN:		3 1/4		HOURS RUN:		7 1/2					
HOURS LOST:		8		HOURS LOST:		7 1/4		HOURS LOST:		1 1/2					
CAUSE OF TIME LOST: SER. RIG. TRIP. CIRC. MOTOR.				CAUSE OF TIME LOST: SER. B.O.P. TRIP. CIRC. ETC.				CAUSE OF TIME LOST: SER. RIG.							
DRILLER: FILL OUT YOUR REPORT COMPLETELY.															
FROM	TO	FORMATION	FEET	FROM	TO	FORMATION	FEET	FROM	TO	FORMATION	FEET				
2464	2464		0	2464	2468		4	2468	2501		33				
BIT RECORD															
KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED	KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
W7	23388	9	2464	2467	3	3 1/4	3	DIAM	8030	6 1/4	2467	2501	34	7 3/4	
CORE RECORD															
KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED	KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED
								DIAM USED	2718	2467	2468	1/4	1	34	CONTINUED
STRING NUMBER AND SIZE DRILL PIPE IN HOLE: 4 1/2 F. H. TOOL JTS. O.D. 5 3/4. NO. JTS. 79.															
PUMPS															
MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIB.	MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIB.		
WHELAND	14	6	40	450	9.9	62	WHELAND	14	6	40	450	9.9	58		
BOILERS															
MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.											
				180											
WEIGHT															
NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE											
8		2460	1												
FISHING															
DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?											
REMARKS: SER. RIG - 1/2. TEST B.O.P. - 1/2. PULLED OUT W/ JUNK SUB - 2. CLEAN OUT JUNK SUB - 1/2. BIT TEETH IN HOLE, RUN BACK W/ JUNK SUB - 2. CIRCULATING HOLE, RESET THROTTLES ON #1 MOTOR - 2 1/2.															
NAME OF EMPLOYEE															
D. JENSEN.				OCCUPATION											
B. ROWE.				OCCUPATION											
R. D. CLERCK.				OCCUPATION											
W. SHIFLET.				OCCUPATION											
SIGNED B. SATHER. 8. DRILLER															

FOR 8 HOURS ENDING AT 4 P. M.				FOR 8 HOURS ENDING AT 12 P. M.			
HOURS RUN:		3 1/4		HOURS RUN:		7 1/2	
HOURS LOST:		7 1/4		HOURS LOST:		1 1/2	
CAUSE OF TIME LOST: SER. B.O.P. TRIP. CIRC. ETC.				CAUSE OF TIME LOST: SER. RIG.			
DRILLER: FILL OUT YOUR REPORT COMPLETELY.							
FROM	TO	FORMATION	FEET	FROM	TO	FORMATION	FEET
2464	2468		4	2468	2501		33
BIT RECORD							
KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
W7	23388	9	2464	2467	3	3 1/4	3
DIAM	8030	6 1/4	2467	2468	1	1 1/4	
CORE RECORD							
KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED
DIAM USED	2718	2467	2468	1/4	1	34	CONTINUED
STRING NUMBER AND SIZE DRILL PIPE IN HOLE: 4 1/2 F. H. TOOL JTS. O.D. 5 3/4. NO. JTS. 79.							
PUMPS							
MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIB.	
WHELAND	14	6	40	450	9.9	58	
BOILERS							
MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.			
				180			
WEIGHT							
NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE			
8		2460	1				
FISHING							
DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?			
REMARKS: SER. RIG - 1/2. TEST B.O.P. - 1/2. DRILLING W/ JUNK SUB - 3/4. CIRC. TO CLEAN HOLE - 1. PULLED JUNK SUB - 2. CLEAN OUT SUB - 1/2. PICKED UP SER. & RUN IN W/ C. B.M. - 2. CIRC. BEFORE CORING - 1/2. CORING - 1/4.							
NAME OF EMPLOYEE							
I. McARTHUR.				OCCUPATION			
L. L. L. L.				OCCUPATION			
C. M. L. L.				OCCUPATION			
J. ROWE.				OCCUPATION			
SIGNED H. GOOD. 8.							

FOR 8 HOURS ENDING AT 12 P. M.			
HOURS RUN:		7 1/2	
HOURS LOST:		1 1/2	
CAUSE OF TIME LOST: SER. RIG.			
DRILLER: FILL OUT YOUR REPORT COMPLETELY.			
FROM	TO	FORMATION	FEET
2468	2501		33
BIT RECORD			
KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM
DIAM	8030	6 1/4	2467
CORE RECORD			
KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM
DIAM USED	2718	2467	2501
STRING NUMBER AND SIZE DRILL PIPE IN HOLE: 4 1/2 F. H. TOOL JTS. O.D. 5 3/4. NO. JTS. 81.			
PUMPS			
MAKE	SIZE	LINE SIZE	STROKES PER MIN.
WHELAND	14	6	30
BOILERS			
MAKE	NO. IN BATTERY	SIZE	STEAM PRES.
			60-70.
WEIGHT			
NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES
8		2460	1
FISHING			
DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME
REMARKS: SER. RIG - 1/2. CORING - 7 1/2.			
NAME OF EMPLOYEE			
I. McARTHUR.		OCCUPATION	
L. L. L. L.		OCCUPATION	
C. M. L. L.		OCCUPATION	
J. ROWE.		OCCUPATION	
SIGNED J. ZRNDLO. 8.			

DAILY DRILLING REPORT

OZARK DRILLING CO. LTD.

OK'd by

Tool-Pusher

RIG NO. 5 FARM WELL NO. 1 COMPANY TECHNICAL OIL CORP. LTD. DISTRICT N.W.T. DATE FEB 27 1955

FOR 8 HOURS ENDING AT M.

HOURS RUN: 0 HOURS LOST: 8

CAUSE OF TIME LOST: CHANGE OVER MND.

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
2462	2462		0

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
WTR	30358	9					

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

FIXED - 17 3/4 X IMPERMEX
100# PRESERVATIVE
350# PLASTER. PARIS.

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 1 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 79

PUMPS					MUD	
MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHEELAND	14	6	40	450	100	70
BOILERS					TABLE	
MAKE	NO. IN BATTERY	SIZE	STEAM PRES.		R.P.M.	
					180	
WEIGHT		VERTICAL TEST				
NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES		FORMATION SLOPE	
8		1960	314			
FISHING						
DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.		LOST TIME	CATCH FISH?	

REMARKS: SER. RIG - 1/2.
TEST B.O.P. - 1/2.
CHANGING OVER MND-5'
REMAINING - 1 1/2.

NAME OF EMPLOYEE	OCCUPATION
J. McARTHUR	D.M. 8.
B. ROWE	F.M. OR ENG. 8.
C. MURCH	H. 8.
	H.
	H.

SIGNED

J. INDR0. 8.

DRILLER

FOR 8 HOURS ENDING AT H.D. M.

HOURS RUN: 0 HOURS LOST: 8

CAUSE OF TIME LOST: SER. B.O.P. MND. TRIP. REAM.

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
2462	2462		0

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
WTR	30868	9	KEHME	80	KEHME		
WTR	31064	9	2462				

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 1 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 79

PUMPS					MUD	
MAKE	SIZE	LINER SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHEELAND	14	6	40	450	9.6.	65
BOILERS					TABLE	
MAKE	NO. IN BATTERY	SIZE	STEAM PRES.		R.P.M.	
					180	
WEIGHT		VERTICAL TEST				
NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES		FORMATION SLOPE	
8		2460.	18			
FISHING						
DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME		CATCH FISH	

REMARKS: SER. RIG - 1/2.
TEST B.O.P. - 1/2.
CONDITIONING MND-2 1/2.
TOOK SURVEY & PULLED
OUT OF HOLE 1-1 1/2
RUN IN HOLE W/ JUNK SUB-1 1/2
REMAINING OUT OF GAUGE
HOLE TO BOTTOM - 1 1/2.

NAME OF EMPLOYEE	OCCUPATION
D. JENSEN	D.M. 8.
E. WILSON	F.M. OR ENG. 8.
R. DE CLERCK	H. 8.
W. SHIFLET	H. 8.
	H.

SIGNED

B. McARTHUR. 8.

FOR 8 HOURS ENDING AT 12 P. M.

HOURS RUN: 1 1/2 HOURS LOST: 7 1/2

CAUSE OF TIME LOST: SER. B.O.P. REAM. MND. ET

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
2462	2464		2

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
WTR	31064	9	2462	2464	2	1 1/2	2

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 1 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 79

PIUMPS					MUD	
MAKE	SIZE	LINER SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHEELAND	14	6	40	450	7.9	60
BOILERS					TABLE	
MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	R.P.M.		
				180		
WEIGHT		VERTICAL TEST				
NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE		
8		2460	1			
FISHING						
DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH		

REMARKS: SER. RIG - 1/2.
TEST B.O.P. - 1/2.
CONDITIONING MND-2 1/2. REAM UNDER GAUGE
HOLE - 1 1/2. DRILL W/ JUNK SUB-1 1/2
CIRCUITRY TO CLEAN
HOLE & CONDITIONING MND
WHILE REPAIRING MOTOR-5'

NAME OF EMPLOYEE	OCCUPATION
H. HORKICKS	D.M. 8.
L. L. HIRD	F.M. OR ENG. 8.
J. STANGE	H. 8.
H. MONTMINY	H. 8.
	H.

SIGNED

H. GOOD. 8.

BRIGGS RABBIT LAKE NO. 1

DAILY DRILLING REPORT

OZARK DRILLING CO. LTD.

OK'd. by G. Good Tool Pusher

RIG NO. <u>E</u>	FARM	WELL NO.	COMPANY <u>OZARK DRILLING CO. LTD.</u>	DISTRICT <u>N.W.T.</u>	DATE <u>FEB. 26 1955</u>
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FOR 8 HOURS ENDING AT <u>3 P. M.</u> HOURS RUN: <u>0</u> HOURS LOST: <u>8</u> CAUSE OF TIME LOST: <u>SER. RIG. B.O.P. REMAINING.</u> DRILLER: FILL OUT YOUR REPORT COMPLETELY.	FOR 8 HOURS ENDING AT <u>4 P. M.</u> HOURS RUN: <u>0</u> HOURS LOST: <u>8</u> CAUSE OF TIME LOST: <u>SER. RIG. B.O.P. REMAINING</u> DRILLER: FILL OUT YOUR REPORT COMPLETELY.	FOR 8 HOURS ENDING AT <u>12 P. M.</u> HOURS RUN: <u>0</u> HOURS LOST: <u>8</u> CAUSE OF TIME LOST: <u>SER. RIG. B.O.P. CHANGE MUD.</u> DRILLER: FILL OUT YOUR REPORT COMPLETELY.
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FROM	TO	FORMATION	FEET
<u>2462</u>	<u>2462</u>		<u>0</u>

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
<u>WTR</u>	<u>30969</u>	<u>9</u>	<u>2462</u>	<u>2462</u>			

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE <u>4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 79</u>	STRING NUMBER AND SIZE DRILL PIPE IN HOLE <u>4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 79</u>	STRING NUMBER AND SIZE DRILL PIPE IN HOLE <u>4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 79</u>
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MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
<u>WHEELAND</u>	<u>14</u>	<u>6</u>	<u>440</u>	<u>450</u>	<u>10</u>	<u>46</u>

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				<u>180</u>

NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
<u>8</u>		<u>1960</u>	<u>3/4</u>	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH

REMARKS: <u>0</u>	REMARKS: <u>0</u>	REMARKS: <u>0</u>
<u>SER. RIG - 1/2</u>	<u>SER. RIG - 1/2</u>	<u>SER. RIG - 1/2</u>
<u>TEST B.O.P. - 1/2</u>	<u>TEST B.O.P. - 1/2</u>	<u>TEST B.O.P. - 1/2</u>
<u>REMAINING - 7</u>	<u>REPAIR ROTARY CHAIN - 1/2</u>	<u>REPAIR ROTARY CHAIN - 1/2</u>
	<u>REMAINING - 1 1/2</u>	<u>REPAIR ROTARY CHAIN - 1/2</u>
		<u>SET PIT, ENT VISCOSITY</u>
		<u>MIX WATER'S MIXING</u>
		<u>IMPER MIX - 3 1/2</u>

NAME OF EMPLOYEE	OCCUPATION	NAME OF EMPLOYEE	OCCUPATION	NAME OF EMPLOYEE	OCCUPATION
<u>J. MCARTHUR</u>	<u>D.M. 8</u>	<u>D. TENSEN</u>	<u>D.M. 8</u>	<u>F. HARRICKS</u>	<u>D.M. 8</u>
<u>B. ROWE</u>	<u>F.M. OR ENG. 8</u>	<u>F. WILSON</u>	<u>F.M. OR ENG. 8</u>	<u>L. LEIRD</u>	<u>F.M. OR ENG. 8</u>
<u>C. MACH</u>	<u>H. 8</u>	<u>R. DECHERCK</u>	<u>H. 8</u>	<u>J. STANGE</u>	<u>H. 8</u>
		<u>W. SHIFLET</u>	<u>H. 8</u>	<u>H. MONTMINY</u>	<u>H. 8</u>

SIGNED <u>J. ZNDRO. 8</u> DRILLER	SIGNED <u>B. SATHER. 8</u>	SIGNED <u>H. GOOD. 8</u>
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BRIGGS RABBIT LAKE NO. 1

DAILY DRILLING REPORT

OZARK DRILLING CO. LTD.

Ok'd. by G. W. H. H. H. Tool Pusher. 16.RIG NO. 5 FARM 1 WELL NO. 1 COMPANY TECHNICAL OIL CO. LTD. DISTRICT N. W. T. DATE FEB. 25 1955.FOR 8 HOURS ENDING AT 8 A. M.HOURS RUN: 5 HOURS LOST: 3CAUSE OF TIME LOST: SER RIG - TRIP. ETC.

DRILLER: 'FILL OUT YOUR REPORT COMPLETELY.'

FROM	TO	FORMATION	FEET
2447	2462		15

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
DIAM	8030	6 1/4	2382	2462	80	26 1/2	80

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED
DIAM	USED	2 7/8	2422	2462	12 1/2	40	40

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 79.

PUMPS

MAKE	SIZE	LINER SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHELAND	14	6	30	250	10.	47

BOILERS

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				60-70

WEIGHT NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
8		1960	3/4	

FISHING

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS:

SER RIG - 1/2
CORKING - 5
PULLED CORE - 1 1/2
RECOVERED & WASHED
CORE - 3/4
PICKED UP DRILL COLLARS
& STARTED IN HOLE TO
'REAM RAT HOLE - 1.

NAME OF EMPLOYEE

OCCUPATION

J. McARTHUR.	D.M.	8.
B. ROWE.	F.M. OR ENG.	8.
C. MAUCH.	H.	8.

SIGNED

J. ZRNDLO. 8.

DRILLER

FOR 8 HOURS ENDING AT 4 P. M.HOURS RUN: 0 HOURS LOST: 8CAUSE OF TIME LOST: TRIP. REMAINING

DRILLER: 'FILL OUT YOUR REPORT COMPLETELY.'

FROM	TO	FORMATION	FEET
2462	2462		0

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
WTR	30868	9	2382	2407	25	5 1/4	KEAM.

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

MIXED - 10 5/8 X 6 1/2

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 79.

PUMPS

MAKE	SIZE	LINER SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHELAND	14	6	40	450	10	47.

BOILERS

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				180

WEIGHT NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
8		1960	3/4	

FISHING

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS:

SER. RIG - 1/2
TEST BOP - 1/2
FINISHED IN HOLE TO
REAM RAT HOLE - 1.
MIXING MUD - 3/4
REMAINING - 5 1/4

NAME OF EMPLOYEE

OCCUPATION

J. JENSEN.	D.M.	8.
F. WILSON.	F.M. OR ENG.	8.
R. D. CLERK.	H.	8.
W. SHIFLET.	H.	8.

SIGNED

B. SATHER. 8.

FOR 8 HOURS ENDING AT 12 P. M.HOURS RUN: 0 HOURS LOST: 8CAUSE OF TIME LOST: SER RIG - BOP. REM.

DRILLER: 'FILL OUT YOUR REPORT COMPLETELY.'

FROM	TO	FORMATION	FEET
2462	2462		0

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
WTR	30868	9	2382	2407	25	5 1/4	KEAM

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 79.

PUMPS

MAKE	SIZE	LINER SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHELAND	14	6	40	450	10.	48

BOILERS

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				180

WEIGHT NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
8		1960	3/4	

FISHING

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS:

SER. RIG - 1/2
TEST B.O.P. - 1/2
REMAINING - 7.

NAME OF EMPLOYEE

OCCUPATION

H. HURKICKS	D.M.	8
L. LAIRD	F.M. OR ENG.	8
J. STANGE	H.	8
A. MONTMANY	H.	8

SIGNED

A. GOOD. 8.

DAILY DRILLING REPORT

OZARK DRILLING CO. LTD.

OK'd. by *[Signature]* Tool Pusher.

THE NO. 5		FARM		WELL NO. 1		COMPANY TECHNICAL OIL PINE LTD.		DISTRICT N.W.T.		DATE FEB. 24 1955																															
FOR 8 HOURS ENDING AT 3 P. M.						FOR 8 HOURS ENDING AT 4 P. M.						FOR 8 HOURS ENDING AT 12 P. M.																													
HOURS RUN: 7 1/2 HOURS LOST: 1/2						HOURS RUN: 2 HOURS LOST: 6						HOURS RUN: 7 1/2 HOURS LOST: 1/2																													
CAUSE OF TIME LOST: SER. RIG.						CAUSE OF TIME LOST: SER. RIG. B.O.P. + R.P.						CAUSE OF TIME LOST: SER. RIG.																													
DRILLER: FILL OUT YOUR REPORT COMPLETELY.												DRILLER: FILL OUT YOUR REPORT COMPLETELY.												DRILLER: FILL OUT YOUR REPORT COMPLETELY.																	
FROM		TO		FORMATION		FEET		FROM		TO		FORMATION		FEET		FROM		TO		FORMATION		FEET																			
2263		2418				25		2413		2422				4		2422		2447				25																			
BIT RECORD												BIT RECORD												BIT RECORD																	
KIND OF BIT		SERIAL NUMBER		SIZE		DRILLED FROM TO		TOTAL FT.		TOTAL HRS.		FOOTAGE MADE WHEN PULLED		KIND OF BIT		SERIAL NUMBER		SIZE		DRILLED FROM TO		TOTAL FT.		TOTAL HRS.		FOOTAGE MADE WHEN PULLED		KIND OF BIT		SERIAL NUMBER		SIZE		DRILLED FROM TO		TOTAL FT.		TOTAL HRS.		FOOTAGE MADE WHEN PULLED	
WHEELAND		6114		2382		2418		26		12 1/4				D. H. HEND		6114		2382		2422		40		14 1/4		40		D. H. HEND		8030		6114		2382		2447		65		21 3/4	
CORE RECORD												CORE RECORD												CORE RECORD																	
KIND OF BARREL		NEW OR USED		SIZE OF CORE		CORED FROM TO		HOURS CORED		FOOTAGE CORED		FOOTAGE RECOVERED		KIND OF BARREL		NEW OR USED		SIZE OF CORE		CORED FROM TO		HOURS CORED		FOOTAGE CORED		FOOTAGE RECOVERED		KIND OF BARREL		NEW OR USED		SIZE OF CORE		CORED FROM TO		HOURS CORED		FOOTAGE CORED		FOOTAGE RECOVERED	
DIAM. USES				2382		2418		12 1/4		36		CONTINUED		DIAM. USED		2710		2382		2422		12 1/4		40		40		DIAM. USED		2710		2382		2447		7 1/2		25		CONTINUED	
STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 78												STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 78												STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 79																	
PUMPS												PUMPS												PUMPS																	
MAKE		SIZE		LINER SIZE		STROKES PER MIN.		PUMP PRES.		WT.		VIS.		MAKE		SIZE		LINER SIZE		STROKES PER MIN.		PUMP PRES.		WT.		VIS.		MAKE		SIZE		LINER SIZE		STROKES PER MIN.		PUMP PRES.		WT.		VIS.	
WHEELAND		14		6		30		350		10		45		WHEELAND		14		6		30		350		10		45		WHEELAND		14		6		30		350		10		45	
BOILERS												BOILERS												BOILERS																	
MAKE		NO. IN BATTERY		SIZE		STEAM PRES.		TABLE R.P.M.						MAKE		NO. IN BATTERY		SIZE		STEAM PRES.		TABLE R.P.M.						MAKE		NO. IN BATTERY		SIZE		STEAM PRES.		TABLE R.P.M.					
								60-70																																	
WEIGHT												WEIGHT												WEIGHT																	
NO. OF LINES		POINTS OF WEIGHT		DEPTH		DEGREES		FORMATION SLOPE						NO. OF LINES		POINTS OF WEIGHT		DEPTH		DEGREES		FORMATION SLOPE						NO. OF LINES		POINTS OF WEIGHT		DEPTH		DEGREES		FORMATION SLOPE					
8				1960		3 1/4								8				1960		3 1/4								8				1960		3 1/4							
FISHING												FISHING												FISHING																	
DEPTH TWISTED OFF		JOINTS DOWN		PIPE OR T. J.		LOST TIME		CATCH FISH?						DEPTH TWISTED OFF		JOINTS DOWN		PIPE OR T. J.		LOST TIME		CATCH FISH?						DEPTH TWISTED OFF		JOINTS DOWN		PIPE OR T. J.		LOST TIME		CATCH FISH?					
REMARKS: SER. RIG - 1/2 CORING - 7 1/2												REMARKS: CORING - 2 SER. RIG - 1/2 RECOVER & WASH CORE UNLAKED ONT - 1 1/2 RECOVER & WASH CORE - 1 1/2 RUN IN HOLE - 1 1/2 RENTIGHT SPOTS - 1/2 CIRC. BEFORE CORING - 1/2												REMARKS: SER. RIG - 1/2 CORING - 7 1/2																	
NAME OF EMPLOYEE												NAME OF EMPLOYEE												NAME OF EMPLOYEE																	
J. McARTHUR.		D.M.		8.										D. JENSEN.		D.M.		8.										H. HORRICKS		D.M.		8.									
B. ROWE.		F.M. OR ENG.		8.										F. WILSON.		F.M. OR ENG.		8.										L. L. HIRD.		F.M. OR ENG.		8.									
C. MAUCH.		H.		8.										R. De CHERCK.		H.		8.										J. STANGE.		H.		8.									
A. FRICKIE.		H.		8.										W. SHIFLET.		H.		8.										H. MONTMINY		H.		8.									
SIGNED J. ZNRDLO. 8. DRILLER												SIGNED E. SATHER. 8.												SIGNED A. GOOD. 8																	

Ok'd. by J. H. Hester, Tool Pusher.

SIGNED

DAILY DRILLING REPORT

OZARK DRILLING CO. LTD.

OK'd. By *[Signature]* Tool Pusher. *14*RIG NO. *5* FARM *1* WELL NO. *1* COMPANY *TECHNICAL OIL CON'S. LTD.* DISTRICT *N.W.T.* DATE *FEB. 22 1955*FOR 8 HOURS ENDING AT *8 A.M.*HOURS RUN: *7* HOURS LOST: *1*CAUSE OF TIME LOST: *SER. RIG. TEST B.O.P.*

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
<i>2261</i>	<i>2277</i>		<i>26</i>

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
<i>WTR</i>	<i>21014</i>	<i>9</i>	<i>2244</i>	<i>2277</i>	<i>53</i>	<i>12 1/2</i>	

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE *4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 73.*

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
<i>WHELAND</i>	<i>14</i>	<i>6</i>	<i>40</i>	<i>500</i>	<i>99</i>	<i>46</i>

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				<i>180</i>

WEIGHT NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
<i>8</i>		<i>1960</i>	<i>3/4</i>	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS:

SER. RIG - 1/2
TEST B.O.P. - 1/2
DRILLING - 7.

NAME OF EMPLOYEE

OCCUPATION

<i>J. McARTHUR.</i>	<i>D.M. 8.</i>
<i>B. ROWE.</i>	<i>F.M. OR ENG. 8.</i>
<i>C. MENCH.</i>	<i>H. 8.</i>
<i>L. FRICKIE.</i>	<i>H. 8.</i>

SIGNED

J. ZRUDLO. 8.

DRILLER

FOR 8 HOURS ENDING AT *4 P.M.*HOURS RUN: *7* HOURS LOST: *1*CAUSE OF TIME LOST: *SER. RIG. TEST B.O.P.*

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
<i>2277</i>	<i>2346</i>		<i>49</i>

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
<i>WTR</i>	<i>21014</i>	<i>9</i>	<i>2244</i>	<i>2346</i>	<i>102</i>	<i>19 1/2</i>	

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE *4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 74.*

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
<i>WHELAND</i>	<i>14</i>	<i>6</i>	<i>40</i>	<i>500</i>	<i>99</i>	<i>47</i>

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				<i>180</i>

WEIGHT NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
<i>8</i>		<i>1960</i>	<i>3/4</i>	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS:

SER. RIG - 1/2
TEST B.O.P. - 1/2
DRILLING - 7.

NAME OF EMPLOYEE

OCCUPATION

<i>D. TENBEN.</i>	<i>D.M. 8.</i>
<i>F. WILSON.</i>	<i>F.M. OR ENG. 8.</i>
<i>R. DE CHERCH.</i>	<i>H. 8.</i>
<i>W. SHIFLET.</i>	<i>H. 8.</i>

SIGNED

*B. SATHER. 8.*FOR 8 HOURS ENDING AT *12 P.M.*HOURS RUN: *7* HOURS LOST: *1*CAUSE OF TIME LOST: *SER. RIG. TEST B.O.P.*

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
<i>2346</i>	<i>2376</i>		<i>30</i>

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
<i>WTR</i>	<i>21014</i>	<i>9</i>	<i>2244</i>	<i>2376</i>	<i>132</i>	<i>26 1/2</i>	

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

MIXED - 50% TANNEK
25% C. SODA.

STRING NUMBER AND SIZE DRILL PIPE IN HOLE *4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 75.*

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
<i>WHELAND</i>	<i>14</i>	<i>6</i>	<i>40</i>	<i>500</i>	<i>99</i>	<i>48</i>

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.

WEIGHT NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
<i>8</i>		<i>1960</i>	<i>3/4</i>	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS:

SER. RIG - 1/2
TEST B.O.P. - 1/2
DRILLING - 7.

NAME OF EMPLOYEE

OCCUPATION

<i>A. HORNICKS</i>	<i>D.M. 8.</i>
<i>L. LAIRD.</i>	<i>F.M. OR ENG. 8.</i>
<i>J. STANGE</i>	<i>H. 8.</i>
<i>A. MONTMANY</i>	<i>H. 8.</i>

SIGNED

A. GOOD. 8.

OZARK DRILLING CO., LTD.

Ok'd. by W. C. C. C. C. Tool Pusher. *W. C. C. C.*

RIG NO.	FARM	WELL NO.	COMPANY	DISTRICT	DATE
5		1	TECHNICAL OIL CONSULTING	W.T.	FEB 21 1953

FOR 8 HOURS ENDING AT 8 A.M.						
HOURS RUN:	HOURS LOST:					
7	1					
CAUSE OF TIME LOST: SER. RIG. TEST B.O.P.						
DRILLER: FILL OUT YOUR REPORT COMPLETELY.						
FROM	TO	FORMATION	FEET			
2174	2210		36			
BIT RECORD						
KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM TO	TOTAL FT.	FOOTAGE MADE WHEN PULLED	
OW	14627	9	1960 2210	250	40	
CORE RECORD						
KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED
STRING NUMBER AND SIZE DRILL PIPE IN HOLD: 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 70						
PUMPS				MUD		
MAKE	SIZE	LINER SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHELAND	14	6	40	400	9.9	40
BOILERS				TABLE		
MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	R.P.M.		
				180		
WEIGHT		VERTICAL TEST		FORMATION SLOPE		
NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES			
8		1960	3/4			
FISHING						
DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?		
REMARKS: SER. RIG - 1/2. TEST B.O.P. - 1/2. DRILLING - 7.						
NAME OF EMPLOYEE		OCCUPATION				
J. McARTHUR.	D.M.	8.				
B. ROWE.	F.M. OR ENG.	8.				
C. MAUCH.	"	8.				
L. FRICKIE.	"	8.				
SIGNED I. IRNDLO. 8.			DRILLER			

FOR 8 HOURS ENDING AT 1 P.M.						
HOURS RUN:	HOURS LOST:					
6	2					
CAUSE OF TIME LOST: SER. RIG. B.O.P. TRIP.						
DRILLER: FILL OUT YOUR REPORT COMPLETELY.						
FROM	TO	FORMATION	FEET			
2210	2244		34			
BIT RECORD						
KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM TO	TOTAL FT.	FOOTAGE MADE WHEN PULLED	
OW	14627	9	1960 2244	284	46	
CORE RECORD						
KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED
STRING NUMBER AND SIZE DRILL PIPE IN HOLD: 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 71						
PUMPS				MUD		
MAKE	SIZE	LINER SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHELAND	14	6	40	400	9.9	45
BOILERS				TABLE		
MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	R.P.M.		
				180		
WEIGHT		VERTICAL TEST		FORMATION SLOPE		
NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES			
8		1960	3/4			
FISHING						
DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?		
REMARKS: SER. RIG - 1/2. TEST B.O.P. - 1/2. DRILLING - 6. PULLED OUT OF HOLE - 1.						
NAME OF EMPLOYEE		OCCUPATION				
D. JENSEN.	D.M.	8.				
F. WILSON.	F.M. OR ENG.	8.				
R. DePLERCK.	"	8.				
W. SHIFLET.	"	8.				
SIGNED B. SATHER. 8.			DRILLER			

FOR 8 HOURS ENDING AT 1 P.M.						
HOURS RUN:	HOURS LOST:					
5 1/2	2 1/2					
CAUSE OF TIME LOST: SER. RIG. B.O.P. TRIP.						
DRILLER: FILL OUT YOUR REPORT COMPLETELY.						
FROM	TO	FORMATION	FEET			
2244	2261		17			
BIT RECORD						
KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM TO	TOTAL FT.	FOOTAGE MADE WHEN PULLED	
WTR	31014	9	2244 2261	17	5 1/2	
CORE RECORD						
KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED
MIXED - 5 3/4 X GELK.						
STRING NUMBER AND SIZE DRILL PIPE IN HOLD: 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 72						
PUMPS				MUD		
MAKE	SIZE	LINER SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHELAND	14	6	40	450	9.9	44
BOILERS				TABLE		
MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	R.P.M.		
				180		
WEIGHT		VERTICAL TEST		FORMATION SLOPE		
NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES			
8		1960	3/4			
FISHING						
DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?		
REMARKS: SER. RIG - 1/2. TEST B.O.P. - 1/2. RUN IN HOLE MIX MWD-1 1/2. DRILLING - 5 1/2.						
NAME OF EMPLOYEE		OCCUPATION				
H. HORRICKS.	D.M.	8.				
L. LAIRD.	F.M. OR ENG.	8.				
J. STANGE.	"	8.				
H. MONTMINY.	"	8.				
SIGNED A. GOOD. 8.			DRILLER			

DAILY DRILLING REPORT

OZARK DRILLING CO. LTD.

OK'd by *L. Weller* Tool Pusher. *4h*

RIG NO. <i>5</i>		FARM		WELL NO. <i>1</i>		COMPANY		DISTRICT <i>N. W. T.</i>		DATE <i>FEB. 20 1955</i>																			
FOR 8 HOURS ENDING AT <i>8 A. M.</i>						FOR 8 HOURS ENDING AT <i>4 P. M.</i>						FOR 8 HOURS ENDING AT <i>12 P. M.</i>																	
HOURS RUN: <i>7</i> HOURS LOST: <i>1</i>						HOURS RUN: <i>7</i> HOURS LOST: <i>1</i>						HOURS RUN: <i>7</i> HOURS LOST: <i>1</i>																	
CAUSE OF TIME LOST: <i>SER. RIG TEST B.O.P.</i>						CAUSE OF TIME LOST: <i>SER. RIG TEST B.O.P.</i>						CAUSE OF TIME LOST: <i>SER. RIG TEST B.O.P.</i>																	
DRILLER: FILL OUT YOUR REPORT COMPLETELY.						DRILLER: FILL OUT YOUR REPORT COMPLETELY.						DRILLER: FILL OUT YOUR REPORT COMPLETELY.																	
FROM		TO		FORMATION		FEET		FROM		TO		FORMATION		FEET		FROM		TO		FORMATION		FEET							
<i>2034</i>		<i>2082</i>				<i>48</i>		<i>2022</i>		<i>2135</i>				<i>53</i>		<i>2135</i>		<i>2174</i>				<i>39</i>							
BIT RECORD																													
KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED	KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED	KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED						
<i>OW</i>	<i>14627</i>	<i>9</i>	<i>1960</i>	<i>2082</i>	<i>122</i>	<i>19</i>		<i>OW</i>	<i>14627</i>	<i>9</i>	<i>1960</i>	<i>2135</i>	<i>175</i>	<i>26</i>		<i>OW</i>	<i>14627</i>	<i>9</i>	<i>1960</i>	<i>2174</i>	<i>214</i>	<i>32</i>							
CORE RECORD																													
KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED	KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED	KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED						
STRING NUMBER AND SIZE DRILL PIPE IN HOLE <i>4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 66</i>																													
PUMPS																													
MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.	MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.	MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.									
<i>WHELAND</i>	<i>14</i>	<i>6</i>	<i>40</i>	<i>375</i>	<i>9.9</i>	<i>43</i>	<i>WHELAND</i>	<i>14</i>	<i>6</i>	<i>40</i>	<i>400</i>	<i>9.9</i>	<i>45</i>	<i>WHELAND</i>	<i>14</i>	<i>6</i>	<i>40</i>	<i>400</i>	<i>9.9</i>	<i>49</i>									
BOILERS																													
MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.	MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.	MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.															
WEIGHT																													
NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE	NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE	NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE															
<i>6</i>		<i>1960</i>	<i>3/4</i>		<i>6</i>		<i>1960</i>	<i>3/4</i>		<i>6</i>		<i>1960</i>	<i>3/4</i>																
FISHING																													
DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?	DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?	DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?															
REMARKS:															REMARKS:														
<i>SER. RIG - 1/2</i>															<i>SER. RIG - 1/2</i>														
<i>TEST B.O.P. - 1/2</i>															<i>TEST B.O.P. - 1/2</i>														
<i>DRILLING - 7</i>															<i>DRILLING - 7</i>														
NAME OF EMPLOYEE															NAME OF EMPLOYEE														
<i>J. McRATH</i>															<i>D. JENSEN</i>														
<i>B. ROWE</i>															<i>F. WILSON</i>														
<i>C. MUECH</i>															<i>R. De CHERCK</i>														
<i>L. FRICKIE</i>															<i>W. SNIFLET</i>														
OCCUPATION															OCCUPATION														
<i>D.M. 8</i>															<i>D.M. 8</i>														
<i>F.M. OR ENG. 8</i>															<i>F.M. OR ENG. 8</i>														
<i>H. 8</i>															<i>H. 8</i>														
<i>H. 8</i>															<i>H. 8</i>														
<i>H.</i>															<i>H.</i>														
SIGNED <i>J. L. RUDLO. 8.</i> DRILLER															SIGNED <i>B. S. RATHER. 8.</i>														
SIGNED <i>A. GOOD. 8.</i>															SIGNED <i>A. GOOD. 8.</i>														

DAILY DRILLING REPORT

OZARK DRILLING CO. LTD.

Ok'd by *L. J. Sather* Tool Pusher. *71*

RIG NO.	FARM	WELL NO.	COMPANY	DISTRICT	DATE
5		1	TECHNICAL OIL CONS. LTD.	N.W.T.	FEB. 19 1955
FOR 8 HOURS ENDING AT 8 A. M.		FOR 8 HOURS ENDING AT 4 P. M.		FOR 8 HOURS ENDING AT 12 P. M.	
HOURS RUN: 3 HOURS LOST: 5		HOURS RUN: 5 1/2 HOURS LOST: 2 1/2		HOURS RUN: 6 1/2 HOURS LOST: 1 1/2	
CAUSE OF TIME LOST: SER. RIG. B.O.P. STAND PIPE TRIP		CAUSE OF TIME LOST: SER. RIG. B.O.P. TRIP CHAIN.		CAUSE OF TIME LOST: SER. RIG. TEST. B.O.P. MUD.	
DRILLER: FILL OUT YOUR REPORT COMPLETELY.		DRILLER: FILL OUT YOUR REPORT COMPLETELY.		DRILLER: FILL OUT YOUR REPORT COMPLETELY.	
FROM	TO	FORMATION	FEET	FROM	TO
1944	1960		16	1960	1989
BIT RECORD		BIT RECORD		BIT RECORD	
KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM TO	TOTAL FT.	TOTAL HRS.
OWV	68034	9	1690 1960	270	3 1/2
OW	14627	9	1960 1989	29	5 1/2
CORE RECORD		CORE RECORD		CORE RECORD	
KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM TO	HOURS CORED	FOOTAGE CORED
STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 62.		STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 63.		STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 64.	
PUMPS		PUMPS		PUMPS	
MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT. VIS.
WHELAND	14	6	40	375	9.8. 45
BOILERS		BOILERS		BOILERS	
MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.	
				180	
WEIGHT		WEIGHT		WEIGHT	
NO. OF LINES	POINTS OF WEIGHT	NO. OF LINES	POINTS OF WEIGHT	NO. OF LINES	POINTS OF WEIGHT
6	7	6	7	6	7
FISHING		FISHING		FISHING	
DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH	
REMARKS:					
SER. RIG - 1/2.					
TEST B.O.P. - 1/2.					
DRILLING - 3.					
REPAIR STAND PIPE - 2.					
PULL OUT OF HOLE - 1.					
STARTED IN HOLE - 1.					
NAME OF EMPLOYEE		NAME OF EMPLOYEE		NAME OF EMPLOYEE	
J. McARTHUR	D.M. 8.	D. JENSEN	D.M. 8.	H. HORRICKS	D.M. 8.
B. ROWE	F.M. OR ENG. 8.	F. WILSON	F.M. OR ENG. 8.	L. LAIRD	F.M. OR ENG. 8.
C. MAUCH	H. 8.	R. De CLERCK	H. 8.	J. STANGE	H. 8.
L. FRICKIE	H. 8.	W. SHIFLET	H. 8.	H. MONTMINY	H. 8.
SIGNED I. ZNDRO. 8. DRILLER		SIGNED B. SATHER. 8.		SIGNED H. GOOD. 8.	

Ok'd. by G. J. Oster Tool Pusher.

SIGNED

DAILY DRILLING REPORT

OZARK DRILLING CO. LTD.

OK'd. by G. Good Tool Pusher. -16

RIG NO. <u>5</u>		FARM		WELL NO. <u>1</u>		COMPANY <u>TECHNICAL OIL CONS. LTD.</u>		DISTRICT <u>N. W. T.</u>		DATE <u>FEB. 17 1955</u>																																																													
FOR 8 HOURS ENDING AT <u>8 P. M.</u>						FOR 8 HOURS ENDING AT <u>4 P. M.</u>						FOR 8 HOURS ENDING AT <u>12 P. M.</u>																																																											
HOURS RUN: <u>6 1/2</u> HOURS LOST: <u>1 1/2</u>						HOURS RUN: <u>5 1/2</u> HOURS LOST: <u>2 1/2</u>						HOURS RUN: <u>7</u> HOURS LOST: <u>1</u>																																																											
CAUSE OF TIME LOST:						CAUSE OF TIME LOST: <u>SER. RIG. B.O.P. TRIP.</u>						CAUSE OF TIME LOST: <u>SER. RIG. TEST B.O.P.</u>																																																											
DRILLER: FILL OUT YOUR REPORT COMPLETELY.																																																																							
FROM		TO		FORMATION		FEET		FROM		TO		FORMATION		FEET		FROM		TO		FORMATION		FEET																																																	
<u>1653</u>		<u>1690</u>				<u>37</u>		<u>1690</u>		<u>1740</u>				<u>50</u>		<u>1740</u>		<u>1787</u>				<u>47</u>																																																	
BIT RECORD																																																																							
KIND OF BIT		SERIAL NUMBER		SIZE		DRILLED FROM TO		TOTAL FT.		TOTAL HRS.		FOOTAGE MADE WHEN PULLED		KIND OF BIT		SERIAL NUMBER		SIZE		DRILLED FROM TO		TOTAL FT.		TOTAL HRS.		FOOTAGE MADE WHEN PULLED																																													
<u>DWV</u>		<u>68077</u>		<u>9</u>		<u>1417 1690</u>		<u>243</u>		<u>32 3/4</u>		<u>243</u>		<u>DWV</u>		<u>68034</u>		<u>9</u>		<u>1690 1740</u>		<u>50</u>		<u>5 1/2</u>		<u>DWV</u>		<u>68034</u>		<u>9</u>		<u>1690 1787</u>		<u>97</u>		<u>12 1/2</u>																																			
CORE RECORD																																																																							
KIND OF BARREL		NEW OR USED		SIZE OF CORE		CORED FROM TO		HOURS CORED		FOOTAGE CORED		FOOTAGE RECOVERED		KIND OF BARREL		NEW OR USED		SIZE OF CORE		CORED FROM TO		HOURS CORED		FOOTAGE CORED		FOOTAGE RECOVERED																																													
STRING NUMBER AND SIZE DRILL PIPE IN HOLE <u>4 1/2 F. H. TOOL JTS. O.D. 5 3/4 NO. JTS. 52</u>												STRING NUMBER AND SIZE DRILL PIPE IN HOLE <u>4 1/2 F. H. TOOL JTS. O.D. 5 3/4 NO. JTS. 54</u>												STRING NUMBER AND SIZE DRILL PIPE IN HOLE <u>4 1/2 F. H. TOOL JTS. O.D. 5 3/4 NO. JTS. 56</u>																																															
PUMPS												PUMPS												PUMPS																																															
MAKE		SIZE		LINER SIZE		STROKES PER MIN.		PUMP PRES.		WT.		VIS.		MAKE		SIZE		LINER SIZE		STROKES PER MIN.		PUMP PRES.		WT.		VIS.		MAKE		SIZE		LINER SIZE		STROKES PER MIN.		PUMP PRES.		WT.		VIS.																															
<u>WHEELAND</u>		<u>14</u>		<u>6</u>		<u>40</u>		<u>350</u>		<u>9.7</u>		<u>47</u>		<u>WHEELAND</u>		<u>14</u>		<u>6</u>		<u>40</u>		<u>350</u>		<u>9.7</u>		<u>47</u>		<u>WHEELAND</u>		<u>14</u>		<u>6</u>		<u>40</u>		<u>350</u>		<u>9.7</u>		<u>43</u>																															
BOILERS												BOILERS												BOILERS																																															
MAKE		NO. IN BATTERY		SIZE		STEAM PRES.		TABLE R.P.M.		MAKE		NO. IN BATTERY		SIZE		STEAM PRES.		TABLE R.P.M.		MAKE		NO. IN BATTERY		SIZE		STEAM PRES.		TABLE R.P.M.		MAKE		NO. IN BATTERY		SIZE		STEAM PRES.		TABLE R.P.M.																																	
								<u>180</u>										<u>180</u>																		<u>180</u>																																			
WEIGHT												WEIGHT												WEIGHT																																															
NO. OF LINES		POINTS OF WEIGHT		DEPTH		DEGREES		FORMATION SLOPE		NO. OF LINES		POINTS OF WEIGHT		DEPTH		DEGREES		FORMATION SLOPE		NO. OF LINES		POINTS OF WEIGHT		DEPTH		DEGREES		FORMATION SLOPE		NO. OF LINES		POINTS OF WEIGHT		DEPTH		DEGREES		FORMATION SLOPE																																	
<u>6</u>				<u>1690</u>		<u>1/4</u>				<u>6</u>				<u>1690</u>		<u>1/4</u>				<u>6</u>				<u>1690</u>		<u>1/4</u>				<u>6</u>				<u>1690</u>																																					
FISHING												FISHING												FISHING																																															
DEPTH TWISTED OFF		JOINTS DOWN		PIPE OR T. J.		LOST TIME		CATCH FISH		DEPTH TWISTED OFF		JOINTS DOWN		PIPE OR T. J.		LOST TIME		CATCH FISH		DEPTH TWISTED OFF		JOINTS DOWN		PIPE OR T. J.		LOST TIME		CATCH FISH		DEPTH TWISTED OFF		JOINTS DOWN		PIPE OR T. J.		LOST TIME		CATCH FISH																																	
REMARKS:																																																																							
<u>SER. RIG - 1/2.</u>																																																																							
<u>TEST B.O.P. - 1/2.</u>																																																																							
<u>DRILLING - 6 1/2.</u>																																																																							
<u>TOOK SURVEY & PULLED OUT OF HOLE - 1/2.</u>																																																																							
REMARKS:																																																																							
<u>SER. RIG - 1/2.</u>																																																																							
<u>TEST B.O.P. - 1/2.</u>																																																																							
<u>REPAIR CHAIN - 1/2.</u>																																																																							
<u>RUN IN HOLE - 1.</u>																																																																							
<u>DRILLING - 5 1/2.</u>																																																																							
REMARKS:																																																																							
<u>SER. RIG - 1/2.</u>																																																																							
<u>TEST B.O.P. - 1/2.</u>																																																																							
<u>DRILLING - 7.</u>																																																																							
NAME OF EMPLOYEE												NAME OF EMPLOYEE												NAME OF EMPLOYEE																																															
H. MORRIS		B. ROWE		J. STANGE		E. MONTMINY		J. McARTHUR		F. WILSON		C. MARCH		L. FRICKIE		D. JENSEN		L. LAIRD		R. DeCLERCK		W. SHIFLET																																																	
D.M.		F.M. OR ENG.		H.		H.		D.M.		F.M. OR ENG.		H.		H.		D.M.		F.M. OR ENG.		H.		H.																																																	
<u>8</u>		<u>8</u>		<u>8</u>		<u>8</u>		<u>8</u>		<u>8</u>		<u>8</u>		<u>8</u>		<u>8</u>		<u>8</u>		<u>8</u>		<u>8</u>																																																	
SIGNED <u>H. GOOD</u> 8 DRILLER																								SIGNED <u>J. ZRNDHO. 3.</u>																								SIGNED <u>B. SATHER. 8.</u>																							

DAILY DRILLING REPORT

OZARK DRILLING CO. LTD.

Ok'd. by *G. Wilson* Tool Pusher. *16*RIG NO. *5* FARM *8 H. M.* WELL NO. *1* COMPANY *TECHNICAL DRILLING CO. LTD.* DISTRICT *N.W.T.* DATE *FEB. 16 1955*FOR 8 HOURS ENDING AT *8 H. M.*HOURS RUN: *7* HOURS LOST: *1*CAUSE OF TIME LOST: *SER. RIG TEST B.O.P.*

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
1500	1552		52

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
DWV	68077	9	1447	1552	105	13 1/4	

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE *4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 48*

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHELAND	14	6	40	300	9.6	45

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				180

WEIGHT	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
6		1145	1/8	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS:

SER. RIG - 1/2
TEST B.O.P. - 1/2
DRILLING - 7.

NAME OF EMPLOYEE

OCCUPATION

H. HORRICKS	D.M. 8.
L. L. HIRD	F.M. OR ENG. 8.
J. STANGE	H. 8.
H. MONTMINY	H. 8.

SIGNED

H. GOOD. 8.

DRILLER

FOR 8 HOURS ENDING AT *4 P. M.*HOURS RUN: *6* HOURS LOST: *2*CAUSE OF TIME LOST: *SER. RIG B.O.P. COND. MND.*

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
1552	1600		48

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
DWV	68077	9	1447	1600	153	19 1/4	

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE *4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 50*

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHELAND	14	6	40	300	9.6	48

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				180

WEIGHT	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
6		1145	1/8	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS:

SER. RIG - 1/2
TEST B.O.P. - 1/2
DRILLING - 6.
DISPLACED & COND.
MND - 1.

NAME OF EMPLOYEE

OCCUPATION

J. HEATHUR	D.M. 8.
F. WILSON	F.M. OR ENG. 8.
C. MENCH	H. 8.
L. FRICKIE	H. 8.

SIGNED

J. ZRNDLO. 8

FOR 8 HOURS ENDING AT *12 P. M.*HOURS RUN: *7* HOURS LOST: *1*CAUSE OF TIME LOST: *SER. RIG B.O.P.*

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
1600	1653		53

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
DWV	68077	9	1447	1653	206	26 1/4	

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE *4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 51*

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHELAND	14	6	40	325	9.7	47

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				180

WEIGHT	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
6		1145	1/8	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS:

SER. RIG - 1/2
TEST B.O.P. - 1/2
DRILLING - 7.

NAME OF EMPLOYEE

OCCUPATION

D. JENSEN.	D.M. 8
B. ROWE.	F.M. OR ENG. 8
R. DECLERCK.	H. 8
W. SHIFLET	H. 8

SIGNED

B. SATHER. 8.

Ok'd. by F. H. Hester Tool Pusher.

SIGNED:

DAILY DRILLING REPORT

OZARK DRILLING CO. LTD.

Ok'd. by *G. Wicks* Tool Pusher.RIG NO. 5 FARM WELL NO. 1 COMPANY TECHNICAL OIL CO'S. LTD. DISTRICT N. W. T. DATE FEB. 14 1955FOR 8 HOURS ENDING AT 3 P. M.HOURS RUN: 3 3/4 HOURS LOST: 4 1/4CAUSE OF TIME LOST: SER. RIG. SURVEY TRIP.

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
1146	1172		26

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
OWV	68023	9	1146	1172	26	2 3/4	

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 1 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 35

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHELAND	14	6	40	275	9.5	40

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				180

WEIGHT NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
6		1145	1/8	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS: SER. RIG - 1/2.
TESTED B.O.P. - 1/2.
PULLED OUT - 1 1/2.
RUN IN - 1.
CLEAN OUT PUMP - 1.
DRILLING - 3 1/2.

NAME OF EMPLOYEE	OCCUPATION
A. HORRICKS.	D.M. 8
B. ROWE.	F.M. OR ENG. 8
J. STANGE.	M. 8
H. MONTMINY	M. 8

SIGNED

A. GOOD. 8.

DRILLER

FOR 8 HOURS ENDING AT 4 P. M.HOURS RUN: 7 HOURS LOST: 1CAUSE OF TIME LOST: SER. RIG. B.O.P.

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
1172	1234		62

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
OWV	68023	9	1146	1234	88	10 3/4	

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 1 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 37

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHELAND	14	6	40	275	9.5	40

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				180

WEIGHT NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
6		1145	1/8	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS: SER. RIG - 1/2.
TESTED B.O.P. - 1/2.
DRILLING - 7.

NAME OF EMPLOYEE	OCCUPATION
J. H. ARTHUR.	D.M. 8
F. WILSON.	F.M. OR ENG. 8
C. MANCH.	M. 8
L. FRICKIE.	M. 8

SIGNED

J. L. RUDLO. 8.

FOR 8 HOURS ENDING AT 12 P. M.HOURS RUN: 7 HOURS LOST: 1CAUSE OF TIME LOST: SER. RIG. TEST. B.O.P.

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
1234	1325		91.

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
OWV	68023	9	1146	1325	179	17 3/4	

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 1 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 40

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHELAND	14	6	40	300	9.5	44

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				180

WEIGHT NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
6		1145	1/8	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS: SER. RIG - 1/2.
TESTED B.O.P. - 1/2.
DRILLING - 7.

NAME OF EMPLOYEE	OCCUPATION
D. JENSEN	D.M. 8
L. LAIRD	F.M. OR ENG. 8
W. SHIFLET	M. 8
R. DE CHEREK	M. 8

SIGNED

B. SATHER. 8.

OZARK DRILLING CO. LTD.

Ok'd. by L. Webster Tool Pusher. 7/1

RIG NO.	5	FARM		WELL NO.	1-	COMPANY		DISTRICT	N. W. T.	DATE	FEB. 13 1955												
FOR 8 HOURS ENDING AT 8 A. M.				FOR 8 HOURS ENDING AT 4 P. M.				FOR 8 HOURS ENDING AT 12 P. M.															
HOURS RUN: 7. HOURS LOST: 1.				HOURS RUN: 5 1/2. HOURS LOST: 2 1/2.				HOURS RUN: 6 1/2. HOURS LOST: 1 1/2.															
CAUSE OF TIME LOST: SER. RIG TEST B.O.P.				CAUSE OF TIME LOST: SER. RIG. B.O.P. MHD.				CAUSE OF TIME LOST: SER. RIG. B.O.P. SWIVEL.															
DRILLER: FILL OUT YOUR REPORT COMPLETELY.				DRILLER: FILL OUT YOUR REPORT COMPLETELY.				DRILLER: FILL OUT YOUR REPORT COMPLETELY.															
FROM TO FORMATION FEET 944 1027 83				FROM TO FORMATION FEET 1027 1082 55				FROM TO FORMATION FEET 1082 1146 64															
BIT RECORD				BIT RECORD				BIT RECORD															
KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED	KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED	KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED			
OWV	68021	9	860 1027	167	14 1/2		OWV	68021	9	860 1082	222	20		OWV	68021	9	860 1146	286	28 1/2	286			
CORE RECORD				CORE RECORD				CORE RECORD															
KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED	KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED	KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED			
STRING NUMBER AND SIZE DRILL PIPE IN HOLD 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 30				STRING NUMBER AND SIZE DRILL PIPE IN HOLD 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 32				STRING NUMBER AND SIZE DRILL PIPE IN HOLD 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 34															
PUMPS				PUMPS				PUMPS															
MAKE	SIZE	LINER SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.	MAKE	SIZE	LINER SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.	MAKE	SIZE	LINER SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.			
WHELAND	14	6	40	250	9.5	48	WHELAND	14	6	40	250	9.5	45	WHELAND	14	6	40	275	9.5	44			
BOILERS				BOILERS				BOILERS															
MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.			MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.			MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.					
				180							180							180					
WEIGHT				VERTICAL TEST				WEIGHT				VERTICAL TEST				WEIGHT				VERTICAL TEST			
NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE			NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE			NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE					
6		450	1/4				6		450	1/4				6		450	1/4						
FISHING				FISHING				FISHING															
DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?			DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?			DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?					
REMARKS:				REMARKS:				REMARKS:															
SER. RIG - 1/2. TESTED B.O.P. - 1/2. DRILLING - 7.				SER. RIG - 1/2. TESTED B.O.P. - 1/2. DRILLING - 5 1/2. CONDITION MND - 1 1/2.				SER. RIG - 1/2. TESTED B.O.P. - 1/2. DRILLING - 6 1/2. TIGHTEND SWIVEL PACKING - 1/2.															
NAME OF EMPLOYEE				NAME OF EMPLOYEE				NAME OF EMPLOYEE															
A. HORRICKS.				J. H. ARTHUR.				D. JENSEN.															
B. ROWE.				F. WILSON.				L. LAIRD.															
J. STANGE.				C. MAUCH.				R. DeCHERCK.															
H. MONTMINY.				L. FRICKIE.				W. SHIFLET.															
SIGNATURE				SIGNATURE				SIGNATURE															
H. GOOD. 8				J. IRUDLO. 8.				B. SATHER. 8.															

DAILY DRILLING REPORT

OZARK DRILLING CO. LTD.

Ok'd. by S. W. Weekar Tool Pusher 14RIG NO. 5 FARM 1 WELL NO. 1 COMPANY TECHNICAL OIL CONS. LTD. DISTRICT N.W.T. DATE FEB. 12 1955FOR 8 HOURS ENDING AT 8 P. M.HOURS RUN: 5 1/2 HOURS LOST: 2 1/2
CAUSE OF TIME LOST: SER. RIG. B.O.P. CHAINS

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
781	843		62

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
OW	14764	9	460	843	383	25 1/2	

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 24

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHEELAND	14	6	40	250	9.4	46

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				180

WEIGHT NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
6		450	1/4	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH

REMARKS:

SER. RIG - 1/2.
TESTED B.O.P. - 1/2.
REPAIR CHAINS - 1 1/2.
DRILLING - 5 1/2.

NAME OF EMPLOYEE

OCCUPATION

H. HORRICKS	D.M. 8
B. WEEKAR	F.M. OR ENG. 8
J. STANGE	H. 8
H. MONTMINY	H. 8
	H.

SIGNED

H. GOOD. 8

DRILLER

FOR 8 HOURS ENDING AT 4 P. M.HOURS RUN: 5 HOURS LOST: 3
CAUSE OF TIME LOST: SER. RIG. R.O.P. TRIP.

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
843	886		43

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
OW	14764	9	460	860	400	28 1/2	400
OWV	68021	9	860	886	26	2	26

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 26

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHEELAND	14	6	40	250	9.5	45

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				180

WEIGHT NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
6		450	1/4	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH

REMARKS:

SER. RIG - 1/2.
TESTED B.O.P. - 1/2.
DRILLING - 3.
PULLED ON TERN
IN W/NEW BIT - 2.
DRILLING - 2.

NAME OF EMPLOYEE

OCCUPATION

J. McARTHUR	D.M. 8
F. WILSON	F.M. OR ENG. 8
C. MAUCH	H. 8
L. FRICKIE	H. 8
	H.

SIGNED

J. L. RUDLO. 8.

FOR 8 HOURS ENDING AT 12 P. M.HOURS RUN: 5 1/2 HOURS LOST: 2 1/2
CAUSE OF TIME LOST: SER. RIG. TEST B.O.P. PUMP

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
886	944		58

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
OWV	68021	9	860	944	84	7 1/2	

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

MIXED 50# THINEX.
50# C. SODA.

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 28

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHEELAND	14	6	40	250	9.5	47

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				180

WEIGHT NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
6		450	1/4	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH

REMARKS:

SER. RIG - 1/2.
TESTED B.O.P. - 1/2.
CLEANED OUT PUMP
REPLACED NEW SEAT - 1 1/2.
DRILLING - 5 1/2.

NAME OF EMPLOYEE

OCCUPATION

D. JENSEN	D.M. 8
L. LAIRD	F.M. OR ENG. 8
R. De CLERCK	H. 8
W. SHIFLET	H. 8
	H.

SIGNED

B. SATHER. 8.

DAILY DRILLING REPORT

OZARK DRILLING CO. LTD.

Ok'd. by G. Wilson Tool Pusher. 76RIG NO. 5 FARM 8 H. M. WELL NO. 1. COMPANY TECHNICAL OIL CONS. LTD. DISTRICT N.W.T. DATE FEB. 11 1955FOR 8 HOURS ENDING AT 8 H. M.HOURS RUN: 7 HOURS LOST: 1CAUSE OF TIME LOST: SER. RIG. TEST. B.O.P.

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
460	563		103

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
OW	14764	9	460	563	103	7	

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 15

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHELAND	14	6	40	250	9.4	45

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				180

WEIGHT NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
6		450	1/4	

FISHING

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS:

SER. RIG - 1/2.
TESTED B.O.P. - 1/2.
DRILLING - 7.

NAME OF EMPLOYEE

OCCUPATION

H. HORRICKS	D.M. 8.
B. WEEKER	F.M. OR ENG. 8.
J. STANGE	H. 8
H. MONTMINY	H. 8

SIGNED

A. GOOD. 8.

DRILLER

FOR 8 HOURS ENDING AT 4 P. M.HOURS RUN: 7 HOURS LOST: 1CAUSE OF TIME LOST: SER. RIG. TEST. B.O.P.

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
563	693		130

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
OW	14764	9	460	693	233	14	

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 19

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHELAND	14	6	40	250	9.4	48

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
W				180

WEIGHT NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
6		450	1/4	

FISHING

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS:

SER. RIG - 1/2.
TEST B.O.P. - 1/2.
DRILLING - 7.

NAME OF EMPLOYEE

OCCUPATION

J. McARTHUR	D.M. 8
F. WILSON	F.M. OR ENG. 8
C. MAUGH	H. 8
W. FRICKIE	H. 8

SIGNED

J. L RND LO. 8.

FOR 8 HOURS ENDING AT 12 P. M.HOURS RUN: 6 HOURS LOST: 2CAUSE OF TIME LOST: SER. RIG. B.O.P. ETC.

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
693	781		88

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
OW	14764	9	460	781	321	20	

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 22

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHELAND	14	6	40	250	9.4	44

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				180

WEIGHT NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
6		450	1/4	

FISHING

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS:

SER. RIG - 1/2.
TESTED B.O.P. - 1/2.
CHANGED OIL IN
TRANSMISSION - 1
DRILLING - 6

NAME OF EMPLOYEE

OCCUPATION

D. JENSEN	D.M. 8.
L. H. HIRD	F.M. OR ENG. 8.
R. De CLERCK	H. 8.
L. SHIFLET	H. 8

SIGNED

B. SATHER. 8.

DAILY DRILLING REPORT

OZARK DRILLING CO. LTD.

Ok'd by G. W. L. L. L. Tool Pusher. 76RIG NO. 5 FARM 1 WELL NO. 1 COMPANY 1 DISTRICT N.W.T. DATE FEB. 10 1955FOR 8 HOURS ENDING AT 8 H. M.HOURS RUN: 7 HOURS LOST: 1CAUSE OF TIME LOST: SER. RIG. TEST B.O.P.

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
<u>254</u>	<u>300</u>		<u>46</u>

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
<u>OWV</u>	<u>68032</u>	<u>9</u>	<u>241</u>	<u>300</u>	<u>59</u>	<u>11 1/2</u>	

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 6

MAKE	SIZE	LINE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
<u>WHEELAND</u>	<u>14</u>	<u>6</u>	<u>35</u>	<u>225</u>	<u>9.4</u>	<u>45</u>

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				<u>180</u>

WEIGHT	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
<u>6</u>		<u>150</u>	<u>1/8</u>	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS:

SER. RIG - 1/2
TESTED B.O.P. - 1/2
DRILLING - 7

NAME OF EMPLOYEE	OCCUPATION
<u>H. HORRICKS.</u>	<u>D.M. 8.</u>
<u>B. WEEKER</u>	<u>F.M. OR ENG. 8.</u>
<u>J. STANGE</u>	<u>H. 8.</u>
<u>H. MONTMINY</u>	<u>H. 8.</u>

SIGNED

H. GOOD. 8.

DRILLER

FOR 8 HOURS ENDING AT 4 P. M.HOURS RUN: 7 HOURS LOST: 1CAUSE OF TIME LOST: SER. RIG. TEST B.O.P.

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
<u>300</u>	<u>400</u>		<u>100</u>

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
<u>OWV</u>	<u>68032</u>	<u>9</u>	<u>241</u>	<u>400</u>	<u>159</u>	<u>18 1/2</u>	

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 9

MAKE	SIZE	LINE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
<u>WHEELAND</u>	<u>14</u>	<u>6</u>	<u>40</u>	<u>225</u>	<u>9.4</u>	<u>47</u>

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				<u>180</u>

WEIGHT	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
<u>6</u>		<u>150</u>	<u>1/8</u>	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS:

SER. RIG - 1/2
TESTED B.O.P. - 1/2
DRILLING - 7

NAME OF EMPLOYEE	OCCUPATION
<u>J. McARTHUR.</u>	<u>D.M. 8.</u>
<u>F. WILSON.</u>	<u>F.M. OR ENG. 8.</u>
<u>C. MAUCH.</u>	<u>H. 8.</u>
<u>W. FRICKIE</u>	<u>H. 8.</u>

SIGNED

J. ZRUDKO. 8.FOR 8 HOURS ENDING AT 12 P. M.HOURS RUN: 5 1/2 HOURS LOST: 2 1/2CAUSE OF TIME LOST: SER. RIG. TRIP. B.O.P.

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
<u>400</u>	<u>460</u>		<u>60</u>

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
<u>OWV</u>	<u>68032</u>	<u>9</u>	<u>241</u>	<u>460</u>	<u>219</u>	<u>24</u>	<u>219</u>
<u>OW</u>	<u>14764</u>	<u>9</u>	<u>460</u>				

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 12

MAKE	SIZE	LINE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
<u>WHEELAND</u>	<u>14</u>	<u>6</u>	<u>40</u>	<u>225</u>	<u>9.4</u>	<u>44</u>

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				<u>180</u>

WEIGHT	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
<u>6</u>		<u>450</u>	<u>1/4</u>	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS:

SER. RIG - 1/2
TESTED B.O.P. - 1/2
DRILLING - 5 1/2
PULLED OUT & RUN
IN WITH NEW BIT - 1 1/2
SURVEY ON TRIP.

NAME OF EMPLOYEE	OCCUPATION
<u>D. JENSEN.</u>	<u>D.M. 8.</u>
<u>L. LAIRD.</u>	<u>F.M. OR ENG. 8.</u>
<u>R. De CLERCK</u>	<u>H. 8.</u>
<u>W. SHIFLET</u>	<u>H. 8.</u>

SIGNED

B. SATHER. 8.

OZARK DRILLING CO. LTD.

Ok'd. by [Signature] Tool Pusher.

RIG NO.	FARM	WELL NO.	COMPANY	DISTRICT	DATE
5			TECHNICAL OIL CONSULTING LTD.	N.W.T.	FEB. 9 TH 1955
FOR 8 HOURS ENDING AT 8 A.M.					
HOURS RUN:			HOURS LOST:	8	
CAUSE OF TIME LOST: W.O.C. NIPPLING G.H.P.					
DRILLER: FILL OUT YOUR REPORT COMPLETELY.					
FROM	TO	FORMATION	FEET		
241	241		0		
BIT RECORD					
KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM TO	TOTAL FT.	FOOTAGE MADE WHEN PULLED
CORE RECORD					
KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM TO	HOURS CORED	FOOTAGE CORED
STRING NUMBER AND SIZE DRILL PIPE IN HOLE: 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 4					
PUMPS					
MAKE	SIZE	LINER SIZE	STROKES PER MIN.	PUMP PRES.	WT. VIS.
WHEELAND	14	6			9.3. 445
BOILERS					
MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.	
WEIGHT					
NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE	
6		150	1/8		
FISHING					
DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T.J.	LOST TIME	CATCH FISH?	
REMARKS:					
WHITING ON CEMENT-8. CNT OFF LANDING JT. E STARTED NIPPLING W.P.B.O.P.					
NAME OF EMPLOYEE OCCUPATION					
M. HORRIKS	D.M.	8.			
B. WEEKAR.	F.M. OR ENG.	8.			
J. STANGE.	H.	8.			
H. MONTMINY	H.	8.			
SIGNATURE: H. GOOD. 8. DRILLER					
FOR 8 HOURS ENDING AT 4 P.M.					
HOURS RUN:			HOURS LOST:	8	
CAUSE OF TIME LOST: CEMENT PRESS. H.P.E PLNG					
DRILLER: FILL OUT YOUR REPORT COMPLETELY.					
FROM	TO	FORMATION	FEET		
241	241		0		
BIT RECORD					
KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM TO	TOTAL FT.	FOOTAGE MADE WHEN PULLED
OWV	68032	9			
CORE RECORD					
KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM TO	HOURS CORED	FOOTAGE CORED
STRING NUMBER AND SIZE DRILL PIPE IN HOLE: 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 4					
PUMPS					
MAKE	SIZE	LINER SIZE	STROKES PER MIN.	PUMP PRES.	WT. VIS.
WHEELAND	14	6	35	225	9.2. 442
BOILERS					
MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.	
WEIGHT					
NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE	
6		150	1/8		
FISHING					
DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T.J.	LOST TIME	CATCH FISH?	
REMARKS:					
WHIT ON CEMENT-4 1/2 RUN IN HOLE & BYPASSED HEAVY MUD. DRILLED OUT PLUG & SHOE-3 1/2. PLUG HIT AT 151 K.B.E PRESSURED TO 500 PSI ON CASING. PRESS. TO 200# P.S.I. ON FORMATION.					
NAME OF EMPLOYEE OCCUPATION					
J. McARTHUR.	D.M.	8.			
F. WINSON	F.M. OR ENG.	8.			
C. MANCH	H.	8.			
L. FRICKIE	H.	8.			
SIGNATURE: J. ZRUDLO. 8.					
FOR 8 HOURS ENDING AT 12 P.M.					
HOURS RUN:			HOURS LOST:	3 1/2	
CAUSE OF TIME LOST: DRILL ONT & CLEAN HOLE					
DRILLER: FILL OUT YOUR REPORT COMPLETELY.					
FROM	TO	FORMATION	FEET		
241	254		13		
BIT RECORD					
KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM TO	TOTAL FT.	FOOTAGE MADE WHEN PULLED
OWV	68032	9	241 254	13	4 1/2
CORE RECORD					
KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM TO	HOURS CORED	FOOTAGE CORED
STRING NUMBER AND SIZE DRILL PIPE IN HOLE: 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 5					
PUMPS					
MAKE	SIZE	LINER SIZE	STROKES PER MIN.	PUMP PRES.	WT. VIS.
WHEELAND	14	6	35	225	9.4. 444
BOILERS					
MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.	
WEIGHT					
NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE	
6		150	7/8		
FISHING					
DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T.J.	LOST TIME	CATCH FISH?	
REMARKS:					
SER. RIG - 1/2 DRILLED & CLEANED HOLE TO BOTTOM AT 241 FT. - 2 1/2. TESTED B.O.P. AT 200 # P.S.I. - 1/2 DRILLING - 4 1/2					
NAME OF EMPLOYEE OCCUPATION					
D. JENSEN	D.M.	8.			
L. LAIRD	F.M. OR ENG.	8.			
L. FRICKIE	H.	8.			
W. SHIFLET	H.	8.			
SIGNATURE: B. SAATHER. 8.					

DAILY DRILLING REPORT

OZARK DRILLING CO. LTD.

OK'd by L. Wheeler Tool Pusher.RIG NO. 5 FARM 1 WELL NO. 1 COMPANY TECHNICAL OIL CONS. LTD. DISTRICT N.W.T. DATE FEB. 8 1955FOR 8 HOURS ENDING AT 8 A.M.HOURS RUN: 0 HOURS LOST: 8CAUSE OF TIME LOST: SER. PIG. KEAM. CASING

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
241	241		0

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
OSC		15	100	157	57	8	57.

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

RAN 157.05 FT. OF 10 3/4" 8 RT. 32.75#
 CASING. LANDED AT 155.05' K.B.E.
 CEMENTED WITH 120 SAK. OF CANADIAN
 CEMENT. PUMPED PLUG. HIT AT
 500# P.S.I. GOOD RETURNS TO SURFACE.

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 4

PUMPS				MUD			
MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.	
WHEELAND	14	6	35	225	9.3	46	
BOILERS				TABLE			
MAKE	NO. IN BATTERY	SIZE	STEAM PRES.				
							180
WEIGHT		VERTICAL TEST					
NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE			
6		150	1/8				
FISHING							
DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH			

REMARKS: SER. PIG - 1/2
 REMAINING - 3 1/2
 PULLED OUT & RUN IN - 1.
 CIRC. TO CLEAN HOLE - 1/2
 PULLED OUT TO RUN
 CASING - 1/2.
 WELDED GUIDE SHOE
 STARTED RUNNING CASING - 1/2

NAME OF EMPLOYEE	OCCUPATION
H. HORRICKS.	D.M. 8.
B. WEEKAR.	F.M. OR ENG. 8.
J. STANGE.	H. 8.
A. MONTMINY	H. 8.

SIGNED

H. GOOD. 8.

DRILLER

FOR 8 HOURS ENDING AT 4 P.M.HOURS RUN: 0 HOURS LOST: 8CAUSE OF TIME LOST: CASING CEMENTING

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
241	241		0

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 4

PUMPS				MUD			
MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.	
WHEELAND	14	6	35	225	9.4	45	
BOILERS				TABLE			
MAKE	NO. IN BATTERY	SIZE	STEAM PRES.				
WEIGHT		VERTICAL TEST					
NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE			
6		150	1/8				
FISHING							
DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH			

REMARKS: RAN CASING - 1 1/2
 CIRCULATING CASING - 1 1/2.
 RIGGED UP TO DO
 CEMENT JOB - 3/4
 CEMENTED & DISPLACED
 PLUG - 1 1/2.
 WAITING ON CEMENT - 3 1/2.

NAME OF EMPLOYEE	OCCUPATION
J. McARTHUR	D.M. 8.
F. WILSON.	F.M. OR ENG. 8.
C. MAUCH.	H. 8.
L. FRICKIE	H. 8.

SIGNED

J. ZRNDLO. 8

FOR 8 HOURS ENDING AT 12 P.M.HOURS RUN: 0 HOURS LOST: 8CAUSE OF TIME LOST: WAITING ON CEMENT

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
241	241		0

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 4

PUMPS				MUD			
MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.	
WHEELAND	14	6			9.		
BOILERS				TABLE			
MAKE	NO. IN BATTERY	SIZE	STEAM PRES.				
WEIGHT		VERTICAL TEST					
NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE			
6		150	1/8				
FISHING							
DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH			

REMARKS: WAITING ON CEMENT - 8.

NAME OF EMPLOYEE	OCCUPATION
J. JENSEN.	D.M. 8.
L. WARD.	F.M. OR ENG. 8.
R. DECKERCK.	H. 8.
W. SHIFLET.	H. 8.

SIGNED

B. SATHER. 8.

DAILY DRILLING REPORT

OZARK DRILLING CO. LTD.

OK'd. by G. Webb Tool Pusher thRIG NO. 5 FARM 8 H. M. WELL NO. 1. COMPANY TECHNICAL OIL CONS. LTD. DISTRICT N.W.T. DATE FEB. 7 1955FOR 8 HOURS ENDING AT 8 H. M.HOURS RUN: 0 HOURS LOST: 8CAUSE OF TIME LOST: SER. RIG. HO G. REAMING

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
241	241		0

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
DSE	12544	15	0	40	40	5 1/2	

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F. H. TOOL JTS. O.D. 5 3/4 NO. JTS. 4

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHEELAND	14	6	35	200	9.3	45

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				180

WEIGHT NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
6		150	1/8	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS: SER. RIG - 1/2
60' DRILLING HOLE - 1 1/2
REAMING 9" HOLE
TO 15" - 5 1/2
RUN SURVEY AT
150' - 1.

NAME OF EMPLOYEE	OCCUPATION
H. HORRIKES	D.M. 8
B. WEEKAR	F.M. OR ENG. 8
J. STANGE	H. 8
H. MONTMINY	H. 8
	H.

SIGNED

A. GOOD. 8

DRILLER

FOR 8 HOURS ENDING AT 4 P. M.HOURS RUN: 0 HOURS LOST: 8CAUSE OF TIME LOST: REAMING

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
241	241		0

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
DSE	12544	15	0	85	85	13	

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F. H. TOOL JTS. O.D. 5 3/4 NO. JTS. 4

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHEELAND	14	6	35	200	9.3	44

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				180

WEIGHT NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
6		150	1/8	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS: SER. RIG - 1/2
REAMING 9" HOLE TO
15" HOLE - 7 1/2

NAME OF EMPLOYEE	OCCUPATION
J. McARTHUR	D.M. 8
F. WILSON	F.M. OR ENG. 8
C. MUNCH	H. 8
W. FRICKIE	H. 8
	H.

SIGNED

J. IRNDLO. 8.

FOR 8 HOURS ENDING AT 12 P. M.HOURS RUN: 0 HOURS LOST: 8CAUSE OF TIME LOST: TRIP. REAMING

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
241	241		0

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
DSE	12544	15	0	100	100	15	100
DSE	51451	15	100	120	20	4 1/2	

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F. H. TOOL JTS. O.D. 5 3/4 NO. JTS. 4

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHEELAND	14	6	35	200	9.3	40

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				180

WEIGHT NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
6		150	1/8	

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS: SER. RIG - 1/2
REAMING - 2
PULLED OUT, CHANGE
BIT & RUN IN - 1
REAMING - 4 1/2

NAME OF EMPLOYEE	OCCUPATION
D. JENSEN	D.M. 8
B. WEEKAR	F.M. OR ENG. 8
R. De CHERCK	H. 8
W. SHIFLET	H. 8
	H.

SIGNED

B. SATHHER. 8

DAILY DRILLING REPORT

OZARK DRILLING CO. LTD.

OK'd. by G. Webster Tool Pusher.RIG NO. 5 FARM 1 WELL NO. 1 COMPANY TECHNICAL OIL CONS. LTD DISTRICT N.W.T. DATE FEB. 6 1955FOR 8 HOURS ENDING AT 8 A. M.HOURS RUN: 7 1/2 HOURS LOST: 1/2CAUSE OF TIME LOST: SER. RIG.

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
165	200		35

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
OWV	68012	9	0	200	200	39 1/2	

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 3

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHELAND	14	6	35	225	9.3	48

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				180

WEIGHT NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
6				

FISHING

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS:

SER. RIG - 1/2.
DRILLING - 7 1/2.

NAME OF EMPLOYEE

OCCUPATION

A. MORRICKS	D.M.	8
B. WEEKAR	F.M. OR ENG.	8
J. STANGE	H.	8
H. MONTMINY	H.	8

SIGNED

H. GOOD. 8. DRILLER

FOR 8 HOURS ENDING AT 11 P. M.HOURS RUN: 6 1/2 HOURS LOST: 1 1/2CAUSE OF TIME LOST: SER. RIG. CHAINS.

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
200	225		25

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
OWV	68012	9	0	225	225	46	225

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 4

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHELAND	14	6	35	225	9.3	46

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				180

WEIGHT NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
6				

FISHING

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS:

SER. RIG - 1/2.
REPAIR CHAINS - 1.
DRILLING - 6 1/2.

NAME OF EMPLOYEE

OCCUPATION

J. McARTHUR	D.M.	8
F. WILSON	F.M. OR ENG.	8
C. MUNCH	H.	8
L. FRICKIE	H.	8

SIGNED

J. RNDLO. 8.

FOR 8 HOURS ENDING AT 12 P. M.HOURS RUN: 3 1/2 HOURS LOST: 4 1/2CAUSE OF TIME LOST: SER. RIG. TRIP. LOGGING

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
225	241		16

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
OWV	68032	9	225	241	16	3 1/2	16

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F.H. TOOL JTS. O.D. 5 3/4 NO. JTS. 4

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHELAND	14	6	35	225	9.3	44

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				180

WEIGHT NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
6				

FISHING

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS:

SER. RIG - 1/2.
PULLED OUT CHANGED
BITS & RAN IN - 1.
DRILLING - 3 1/2.
REPAIRING, WAITING
TO LOG HOLE BEFORE
REMAINING TO 15" HOLE
TO SET 150' OF CASING - 3.

NAME OF EMPLOYEE

OCCUPATION

D. JENSEN	D.M.	8
L. HAIRD	F.M. OR ENG.	8
R. De CLERCK	H.	8
W. SHIFLET	H.	8

SIGNED

B. SATHER. 8.

DAILY DRILLING REPORT

OZARK DRILLING CO. LTD.

OK'd by *W. L. H. H.*Tool Pusher *1h*RIG NO. *5* FARM *1* WELL NO. *1* COMPANY *TECHNICAL OIL CONS. LTD* DISTRICT *N.W.T.* DATE *FEB. 5. 1955.*FOR 8 HOURS ENDING AT *8 A. M.*HOURS RUN: *7 1/2* HOURS LOST: *1/2*CAUSE OF TIME LOST: *SER. RIG.*

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
<i>40</i>	<i>80</i>		<i>40</i>

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
<i>OWV</i>	<i>68072</i>	<i>9</i>	<i>0</i>	<i>80</i>	<i>80</i>	<i>17 1/2</i>	

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE *4 1/2 F.H.* TOOL JTS. O.D. *5 3/4* NO. JTS. *0*

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
<i>WHELAND</i>	<i>14</i>	<i>6</i>	<i>35</i>	<i>200</i>	<i>9.2</i>	<i>48</i>

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				<i>180</i>

WEIGHT NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
<i>6</i>				

FISHING

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH

REMARKS:

*SERVICED RIG - 1/2
DRILLING - 7 1/2*

NAME OF EMPLOYEE	OCCUPATION
<i>H. HARRICKS</i>	<i>D.M. 8</i>
<i>B. WEEKER</i>	<i>F.M. OR ENG. 8</i>
<i>J. STANGE</i>	<i>H. 8</i>
<i>H. MONTMINY</i>	<i>H. 8</i>

SIGNED

H. GOOD. 8 DRILLERFOR 8 HOURS ENDING AT *4 P. M.*HOURS RUN: *7* HOURS LOST: *1*CAUSE OF TIME LOST: *SER. RIG. REP. CHAIN*

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
<i>80</i>	<i>125</i>		<i>45</i>

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
<i>OWV</i>	<i>68072</i>	<i>9</i>	<i>0</i>	<i>125</i>	<i>125</i>	<i>24 1/2</i>	

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE *4 1/2 F.H.* TOOL JTS. O.D. *5 3/4* NO. JTS. *0*

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
<i>WHELAND</i>	<i>14</i>	<i>6</i>	<i>35</i>	<i>200</i>	<i>9.2</i>	<i>45</i>

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				<i>180</i>

WEIGHT NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
<i>6</i>				

FISHING

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH

REMARKS:

*SER. RIG - 1/2
REPAIR ~~PIPE~~
ROTARY CHAIN - 1/2
DRILLING - 7.*

NAME OF EMPLOYEE	OCCUPATION
<i>J. McARTHUR</i>	<i>D.M. 8</i>
<i>F. WILSON</i>	<i>F.M. OR ENG. 8</i>
<i>C. MANCH</i>	<i>H. 8</i>
<i>L. FRICKIE</i>	<i>H. 8</i>

SIGNED

*J. ZRNDKO. 8.*FOR 8 HOURS ENDING AT *12 P. M.*HOURS RUN: *7 1/2* HOURS LOST: *1/2*CAUSE OF TIME LOST: *SER. RIG.*

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
<i>125</i>	<i>165</i>		<i>40</i>

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
<i>OWV</i>	<i>68072</i>	<i>9</i>	<i>0</i>	<i>165</i>	<i>165</i>	<i>32</i>	

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE *4 1/2 F.H.* TOOL JTS. O.D. *5 3/4* NO. JTS. *8*

MAKE	SIZE	LINE SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
<i>WHELAND</i>	<i>14</i>	<i>6</i>	<i>35</i>	<i>200</i>	<i>9.2</i>	<i>47</i>

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.
				<i>180</i>

WEIGHT NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
<i>6</i>				

FISHING

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH

REMARKS:

*SER. RIG - 1/2
DRILLING - 7 1/2*

NAME OF EMPLOYEE	OCCUPATION
<i>D. JENSEN</i>	<i>D.M. 8</i>
<i>L. LAIRD</i>	<i>F.M. OR ENG. 8</i>
<i>R. DECIERCK</i>	<i>H. 8</i>
<i>W. SHIFLET</i>	<i>H. 8</i>

SIGNED

B. SATHERR. 8.

DAILY DRILLING REPORT

OZARK DRILLING AND

Ok'd. by _____ Tool Pusher

5 FARM WELL NO. 1. COMPANY TEC. OIL CONS. DISTRICT N.W.T. DATE FEB. 4

HOURS ENDING AT 8 A.M.

HOURS RUN: 0 HOURS LOST: 8

CAUSE OF TIME LOST: RHT. HOLE. ETC.

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
0	0		0

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
DWV	68072	9	0	25	25	5 1/2	

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F. H. JOOL JTS. O.D. 5 3/4 NO. JTS. 0

PUMPS

MAKE	SIZE	LINER SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHEELAND	14	6	35	200	9.1	47

BOILERS

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.

WEIGHT

NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
6				

FISHING

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS: FINISHED DRILLING RHT HOLE & SET CASING-7. MOVE ROTARY TABLE-1.

NAME OF EMPLOYEE

OCCUPATION

H. HORRICKS.	D.M.	8.
B. WEEKAR.	F.M. OR ENG.	8.
J. STANGE.	H.	8.
H. MONTMINY.	H.	8.

SIGNED

H. GOOD. 8.

DRILLER

FOR 8 HOURS ENDING AT 4 P.

HOURS RUN: 5 1/2 HOURS LOST: 2 1/2

CAUSE OF TIME LOST: SER. RIG. MIX MUD

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
0	25		25

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
DWV	68072	9	0	25	25	5 1/2	

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F. H. JOOL JTS. O.D. 5 3/4 NO. JTS. 0

PUMPS

MAKE	SIZE	LINER SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHEELAND	14	6	35	200	9.2	45

BOILERS

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.

WEIGHT

NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
6				

FISHING

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS: SERVICED RIG-1 1/2. REPAIRING TO SPUD WELL-1 1/4. SPUDDED WELL AT 9 30 A.M. DRILLING 9" HOLE-5 1/2. MIXING MUD-3/4.

NAME OF EMPLOYEE

OCCUPATION

J. McARTHUR.	D.M.	8.
F. WILSON.	F.M. OR ENG.	8.
C. MAUCH.	H.	8.
L. FRICKIE.	H.	8.

SIGNED

J. ZUDRO. 8.

FOR 8 HOURS ENDING AT 12 P. M.

HOURS RUN: 5 1/2 HOURS LOST: 2 1/2

CAUSE OF TIME LOST: SER. RIG. CHAINS. SWIVEL.

DRILLER: FILL OUT YOUR REPORT COMPLETELY.

FROM	TO	FORMATION	FEET
25	40		15

BIT RECORD

KIND OF BIT	SERIAL NUMBER	SIZE	DRILLED FROM	TO	TOTAL FT.	TOTAL HRS.	FOOTAGE MADE WHEN PULLED
DWV	68072	9	0	40	40	11	

CORE RECORD

KIND OF BARREL	NEW OR USED	SIZE OF CORE	CORED FROM	TO	HOURS CORED	FOOTAGE CORED	FOOTAGE RECOVERED

STRING NUMBER AND SIZE DRILL PIPE IN HOLE 4 1/2 F. H. JOOL JTS. O.D. 5 3/4 NO. JTS. 0

PUMPS

MAKE	SIZE	LINER SIZE	STROKES PER MIN.	PUMP PRES.	WT.	VIS.
WHEELAND	14	6	35	200	9.2	46

BOILERS

MAKE	NO. IN BATTERY	SIZE	STEAM PRES.	TABLE R.P.M.

WEIGHT

NO. OF LINES	POINTS OF WEIGHT	DEPTH	DEGREES	FORMATION SLOPE
6				

FISHING

DEPTH TWISTED OFF	JOINTS DOWN	PIPE OR T. J.	LOST TIME	CATCH FISH?

REMARKS: SERVICED RIG-1 1/2. REPAIR SWIVEL-1. REPAIR CHAINS-1. DRILLING 9" - 5 1/2.

NAME OF EMPLOYEE

OCCUPATION

D. JENSEN	D.M.	8.
L. H. HIRD	F.M. OR ENG.	8.
R. DE CLERCK	H.	8.

SIGNED

B. SATHER. 8.

10568 - 114th Street

Phones: 25624
42562

DEPTHS

OPERATOR Technical Oil Consultants

SAND

ANALYZED BY Chemical & Geological Labs. Ltd. DEPTHS
REMARKS

WELL NO. Briggs Rabbit Lake No.1

LOCATION 60° 56' N Lat. 118° 47' W Long.

LAB NO. 6896

DATE April 12, 1955

REMARKS	Geological Labs. Ltd.	DATE	April 12, 1955	LAB NO.	6896
Casing gas sampled during test April 6, 1955. Temperature 53°F. Pressure 28.81 inches of mercury. Pressure on container 120 p.s.i.g., Field determination H ₂ S .52%. ✓					

 H_2S 0.52%.

ORSAT ANALYSIS

PODBIELNIAK

Low Temperature Fractionation

G.P.M. in
U.S. Gal. Imp. Gal.

HYDROGEN SULFIDE

(by Tutwiler Method)

Grains of hydrogen sulfide per
100 cu. ft. of gas at 60°F. and

14.7 lbs. per sq. in. 358.7

14.4 lbs. per sq. in. 355.9

Percentage of Hydrogen sulfide 0.57

GROSS B.T.U.

60°F. and 14.7 p.s.i.a. 1012

60°F. and 14.4 p.s.i.a. 989

Actual pentanes +
Calculated at 12 lbs.
Calculated at 15 lbs.
Calculated at 22 lbs.
Calculated at 26 lbs.

Vapor pressure (calculated)
of actual pentanes +

Specific Gravity Calculated
Specific Gravity by Weight

G.P.M.

<u>0.175</u>	<u>0.143</u>
<u>0.185</u>	<u>0.151</u>
<u>0.197</u>	<u>0.161</u>
<u>0.232</u>	<u>0.189</u>
<u>0.258</u>	<u>0.211</u>

9.27 9.34

$$\begin{array}{r} 0.632 \\ \hline 0.630 \end{array}$$

Remarks and Conclusions:

