BRIGGS NORTHEAST RABBIT LAKE NO-1

Drilling Authority No. 52

Date Issued 5-1-59

WELL NAME Bridge Northeast Rabbit Lake No. 1

FIELD WILDCAT Area: RABBIT LAKE

LOCATION: Unit Section Grid

Latitude 61° 00' 34" Longitude 119° 35' 9"

From Established Reference Marker

Rig Release Date: 12-2-59

Status BHA

Information Release Date 12-2-61

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.

61° 00' 34"
118° 35' 9"

#52

CANADA

DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES

NORTHERN ADMINISTRATION AND LANDS BRANCH

(ABANDONMENT)
(~~[redacted]~~)
(~~[redacted]~~) REPORT

(Strike 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.

Permit No. 900

Name of well Briggs Northeast Rabbit Lake No. 1 Lease No.

Registered owner D. Todd Briggs Drilling Company Peter Bawden Drilling Ltd.

Location: (Survey description) 61° 00'. 34.11". N. Lat. 118° 35'.09.06" W. Long.

Elevation: Ground 921.5'. Kelly bushing 932.7' Depth 2,803'

Spudded January 25, 1959 Finished drilling Feb. 10 Rig released Feb. 12/59

Deviations from vertical Seven readings vary from 0° to 2 1/2°

CASING

	Date	Size O.D.	Weight lbs/foot	Grade	Set at feet	Sacks cement
1.	29-1-59	10 3/4"	32.75	H	175	115
2.						
3.						

TUBING

Status of well on completion of drilling Dry hole

Producing zone

Cored intervals Core No. 1: 2,605-2,634', Core No. 2: 2,748-2765'

Interval logged: E-log 175—2,804' M-log 2,300—2,801'

R-log 60—2,803' Other

DRILLSTEM TESTS

Test No.	Date	Interval tested	Duration	Results
1	Feb. 9	2,728' - 2,748'	60 min.	Recovered 10' oil flecked mud. Recovered 900' slightly gassified salt water.
2	Feb. 11	2,622' - 2,644'	60 min.	

(Over)

Test No.	Date	Interval tested	Duration	Results

Perforations: (Gun.....)
(Det.....)

Shootings:

Hydraulically fracturing:

Chemical treatment:

Date Initial production tests:

Initial production data

Pumping or flowing

Plug back:

Other:

CEMENT PLUGS SET

Date	Plug set at	Sacks cement	Method	Top found at
Feb. 11/59	2,803-2,730'	30	Displaced with 39 bbls.	
Feb. 11/59	2,650-2,575'	30	Displaced with 36 1/2 bbls.	
Feb. 11/59	210-150'	30 + 2% $CaCl_2$	Displaced with 2 bbls.	140

Well samples have been sent to: Geological Survey of Canada, Calgary, Alberta.

Cores will be stored at: Hay River, N. W. T.

Electric log is appended: Yes .... ~~Yes~~ ....

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

Micrologger log is appended: Yes .... ~~No~~ ....

Geologic record or strip log (is / will be) submitted ~~Yes~~ .... No ....

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

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

ADDITIONAL DETAILS OR COMMENTS

Signed J. C. Sproule & Associates

Address J. C. Sproule & Associates,
901 - 8th Avenue West,
Calgary, Alberta.

C A N A D A

DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES

NORTHERN ADMINISTRATION AND LANDS BRANCH

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

(Stroke out operations which do not apply).

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

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

. . . . . abandon. . . . . the well named Briggs Northeast Rabbit Lake No. 1 . . . . . on Oil and Gas (Permit No. 900....) (Lease No. ,,,,,....) registered in the name of D. Todd Briggs . . . . .

Depth .2,803. . . feet. Elevation above sea level: Ground surface .921.5. . .ft. Kelly bushing ..932.7.... ft.

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

. 2,000'. . . (N of S boundary) (S boundary) of (Permit No..900) (Lease No.....) at approx 61°..01'....N Lat.

.15,000'. . . (W of E boundary) (E boundary) of (Permit No..900) (Lease No.....) at approx 118°35'....W Long.

Survey description 741101 18N and 595957 3 E. 61° 00' 34.11" Lat. 118° 35' 09.06" Long.

CASING RECORD

Size O.D. inches	Weight lbs/ft.	Amount feet	Set at feet	Sacks cement	Method	To be Withdrawn
1.10 3/4"	.32.75.	...163..	...175..	...115..	.....	.....
2.	.....	.....	.....	.....	.....	.....
3.	.....	.....	.....	.....	.....	.....

OIL, GAS and WATER

Encountered		Cement plugs to be set		
Oil from .....feet to.....feet.		From ....feet to .....feet with.....sacks		
.....	.....	.....	.....	.....
.....	.....	.....	.....	.....
Gas from ..... feet to.....feet.		From .....feet to.....feet with.....sacks.		
.....	.....	.....	.....	.....
.....	.....	.....	.....	.....

(Over)

Plugged

Water from 2622 feet to 2644 feet. From 2650 feet to 2575 feet with 30 sacks.

....

....

Bottom plug from 2803 feet to 2739 feet with 30 sacks

Surface plug from 210 feet to 150 feet with 30 sacks.

Date of last operations February 11 . . . . Total depth. 2803' . . . . . 2% $CaCl_2$

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

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

. . . . . .

. . . . . .

An electric log (will be / [redacted]) run. (strike out what is non-applicable)

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

Program of operation not included above . . . . . .

. . . . . .

. . . . . .

. . . . . .

Responsible agents of permittee or lessee in charge of operation:

At well N. Soul . . . . . At registered office: J. C. Sproule . . . . . .

Postal Address Hay River N. W. T. . . Postal Address 901 Eighth Avenue S. W., Calgary, Alberta

. . . . . .

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

Dated at Calgary . . . . this . 27th . . day of . February . . . . . 19.59..

J. C. SPROULE & ASSOCIATES

Signed by . . . . . .

This program is approved subject to the following provisions:

Confirming oral approval for abandonment given . . . . . at well site, 11th February, 1959. . . . . .m. .

9th March 1959 . . . . . .

Date

Conservation Engineer

C A N A D A

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 39 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. 900 ...registered in the name of
Lease No. . . . . D. Todd Briggs Nominee Account Northwest Territories . . . . . .

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

The well will be located:

...2,000.....(N of S boundary) of (Permit No. 900.)
(S of N boundary) (Lease No. ....) at approx. 61° 00'....N Lat.
I
..15,000.....(W of E boundary) of (Permit No. 900.)
(E of W boundary) (Lease No.....) at approx. 119° 35'...W Long.

Survey description of location . . . . . .

. . . . . .

Approximate surface elevation of . 930. . . feet above sea level.

Name of well: , . Briggs Northwest Exhibit Lake No. 1 . . . . . .

Type of drilling rig: . . . Rotary . . . . . .

Expected date of commencement: . January 20, 1959 . . . . . .

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

Size O.D. inches	Weight lbs/feet	Grade	Brand	New or used	Estimated depth	Sacks of cement
1. 10 3/4	32.75	H5	S&L	New	200'	200'
2. 7	20	J55	Youngstown	New	2700'	150'
3.						

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

2,600 Feet - drilling mud program conforming to good oilfield practice

. . . . . .

. . . . . .

. . . . . .

. . . . . .

(Over)

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

The well will be drilled by: O. Todd ~~Driggs Nominee Account~~ . (name of company)

CONTRACTOR: Peter Bawden Drilling Limited

Responsible agents of permittee or lessee in charge of operation:

At well . . . Art. Whiting . . . . . At registered office: A. M. Lloyd
1117 First National Bank Bldg.
Dallas 2, Texas.

Postal address: Hay River, N.W.T. . Postal address: . . . . . .

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

Dated at Calgary, Alberta . . this . 30th . . . day of . . December 1958

J. C. SPROULE & ASSOCIATES

Signed by . . per . . Norman Lloyd . . . .

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

. . . . . .

. . . . . .

. . . . . Control by blow-out preventer is to be used. . . . . .

. . . . . .

. . 5th Jan. 1959 . . . . . B. H. Hayes . .

Date Conservation Engineer

Form SD-19.

DAILY REPORT

BOARD COPY
(TO BE SENT TO BOARD FIELD OFFICE)

COMPANY D. TODD BRIGGS

DATE FEB 12/59

CONTRACTOR P. BAWDEN DRLG LTD. RIG No. 11

Name of Well NE. ROBERT LAKE No. 1 No. 1 K. B. Elev. 933

DEPTH
TIME
BIT RECORD
DRILL PIPE
MUD RECORD
CORING
SURVEY
CASING RUN
PERFORATING
ACIDIZING or FRACING
DRILL STEM TESTS
ABANDONMENT PLUGS
LOGS
REMARKS

FIRST TOUR 12:00 p.m. — 8:00 a.m

Start of Tour	Hole Made This Tour	End of Tour

On Bottom	Off Bottom	On Bottom	Off Bottom

Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.

Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.

Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind

Time	Interval	Ft. Cut	Ft. Rec'd	Type

Depth — Degrees Off — Depth — Degrees Off

Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives

Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type

Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.

No. Interval Tested to

Valve Open min. Shut in mins.

Gas to Surface min. @ Mcf/d Max.

Oil to Surface min. @ Bbl/d Max.

Recovery: ft.

ft.

ft.

I.S.I.P. H.P. F.P. S.I.P.

No.	Interval	Cement	Additive	Plug Down	Felt At	Time

Type Int.

12-7:30 WOC Plug

7:30 Rig up Felt Test Score @ 7.30

Plug @ 9:40

Operator Driller

SECOND TOUR 8:00 a.m. — 4:00 p.m.

Start of Tour	Hole Made This Tour	End of Tour

On Bottom	Off Bottom	On Bottom	Off Bottom

Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.

Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.

Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind

Time	Interval	Ft. Cut	Ft. Rec'd	Type

Depth — Degrees Off — Depth — Degrees Off

Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives

Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type

Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.

No. Interval Tested to

Valve Open min. Shut in mins.

Gas to Surface min. @ Mcf/d Max.

Oil to Surface min. @ Bbl/d Max.

Recovery: ft.

ft.

ft.

I.S.I.P. H.P. F.P. S.I.P.

No.	Interval	Cement	Additive	Plug Down	Felt At	Time

Type Int.

Operator Driller

THIRD TOUR 4:00 p.m. — 12:00 p.m.

Start of Tour	Hole Made This Tour	End of Tour

On Bottom	Off Bottom	On Bottom	Off Bottom

Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.

Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.

Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind

Time	Interval	Ft. Cut	Ft. Rec'd	Type

Depth — Degrees Off — Depth — Degrees Off

Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives

Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type

Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.

No. Interval Tested to

Valve Open min. Shut in mins.

Gas to Surface min. @ Mcf/d Max.

Oil to Surface min. @ Bbl/d Max.

Recovery: ft.

ft.

ft.

I.S.I.P. H.P. F.P. S.I.P.

No.	Interval	Cement	Additive	Plug Down	Felt At	Time

Type Int.

Operator Driller

Form ED-19.

DAILY REPORT

COMPANY D. Todd Briggs

DATE Feb 11 59

BOARD COPY (TO BE SENT TO BOARD FIELD OFFICE)

(20)

CONTRACTOR R. Bauden Drlg. RIG No. 11

Name of Well NE Rabbit Lake No. 1 K. B. Elev. 983

	FIRST TOUR 12:00 p.m. — 8:00 a.m.	SECOND TOUR 8:00 a.m. — 4:00 p.m.	THIRD TOUR 4:00 p.m. — 12:00 p.m.
DEPTH	Start of Tour: 2803 / Hole Made This Tour: — / End of Tour: —	Start of Tour: 2803 / Hole Made This Tour: / End of Tour:	Start of Tour: / Hole Made This Tour: / End of Tour:
TIME	On Bottom: / Off Bottom: / On Bottom: / Off Bottom:	On Bottom: / Off Bottom: / On Bottom: / Off Bottom:	On Bottom: / Off Bottom: 8 / On Bottom: / Off Bottom:
BIT RECORD	Size: 7 7/8 / No.: RR / Type: Tri / Condition: Clean / Pt. Wt.: Used / R.P.M.: / Ft. Dld.: / Bit-hrs.:	Size: / No.: / Type: / Condition: / Pt. Wt.: / R.P.M.: / Ft. Dld.: / Bit-hrs.:	Size: / No.: / Type: / Condition: / Pt. Wt.: / R.P.M.: / Ft. Dld.: / Bit-hrs.:
DRILL PIPE	Size: 4 1/2 / Stands: 3683.38 / Singles: / Drill Collar: 3 - 94.13 / Kelly: Dual 35.49 / Core Bbl.:	Size: / Stands: / Singles: / Drill Collar: / Kelly: / Core Bbl.:	Size: / Stands: / Singles: / Drill Collar: / Kelly: / Core Bbl.:
MUD RECORD	Time: 2.30 / Weight: 10.6 / Vis.: 45 / ~~Gel Str.~~: 5.4 / pH: 11 / Am't Added: — / Kind: —	Time: / Weight: / Vis.: / Gel Str.: / pH: / Am't Added: / Kind:	Time: / Weight: / Vis.: / Gel Str.: / pH: / Am't Added: / Kind:
CORING	Time: / Interval: / Ft. Cut: / Ft. Rec'd: / Type:	Time: / Interval: / Ft. Cut: / Ft. Rec'd: / Type:	Time: / Interval: / Ft. Cut: / Ft. Rec'd: / Type:
SURVEY	Depth: / Degrees Off: / Depth: / Degrees Off:	Depth: / Degrees Off: / Depth: / Degrees Off:	Depth: / Degrees Off: / Depth: / Degrees Off:
CASING RUN	Size: / Amount: / Set @ K.B.: / Wt./Ft.: / New/Used: / Gde: / Cement: / Additives:	Size: / Amount: / Set @ K.B.: / Wt./Ft.: / New/Used: / Gde: / Cement: / Additives:	Size: / Amount: / Set @ K.B.: / Wt./Ft.: / New/Used: / Gde: / Cement: / Additives:
PERFORATING	Interval: / Shot/Ft.: / Type: / Interval: / Shot/Ft.: / Type:	Interval: / Shot/Ft.: / Type: / Interval: / Shot/Ft.: / Type:	Interval: / Shot/Ft.: / Type: / Interval: / Shot/Ft.: / Type:
ACIDIZING or FRACING	Interval: / Amount Gals.: / Kind: / Breakdown Press.: / Final Press.: / Feed Rate Bbls./Min.:	Interval: / Amount Gals.: / Kind: / Breakdown Press.: / Final Press.: / Feed Rate Bbls./Min.:	Interval: / Amount Gals.: / Kind: / Breakdown Press.: / Final Press.: / Feed Rate Bbls./Min.:
DRILL STEM TESTS	No.: / Interval Tested: / to: / Valve Open: / min.: / Shut in: / mins.: / Gas to Surface: / min.: / @: / Mcf/d Max.: / Oil to Surface: / min.: / @: / Bbl/d Max.: / Recovery: / ft.: / ft.: / ft.: / I.S.I.P.: / H.P.: / F.P.: / S.I.P.:	No. 2 / Interval Tested 2622 / to 2644 / Valve Open 60 / min.: / Shut in 30 / mins.: / Gas to Surface: / min.: / @: / Mcf/d Max.: / Oil to Surface: / min.: / @: / Bbl/d Max.: / Recovery: 900' Slightly Gasy Salt Water / ft.: / ft.: / ft.: / I.S.I.P.: 30 mins / H.P.: / F.P.: / S.I.P.:	No.: / Interval Tested: / to: / Valve Open: / min.: / Shut in: / mins.: / Gas to Surface: / min.: / @: / Mcf/d Max.: / Oil to Surface: / min.: / @: / Bbl/d Max.: / Recovery: / ft.: / ft.: / ft.: / I.S.I.P.: / H.P.: / F.P.: / S.I.P.:
ABANDONMENT PLUGS	No.: / Interval: / Cement: / Additive: / Plug Down: / Felt At: / Time:	No.: / Interval: / Cement: / Additive: / Plug Down: / Felt At: / Time:	No. 1: Interval 2503 - 2730, Cement 30 SAX., Plug Down 6:25 P.M.; No. 2: Interval 2630 - 2575, Cement 30 SAX., Plug Down 7:04 P.M.; No. 3: Interval 210 - 120, Cement 30 SAX. 2% CaCl2, Plug Down 11:24 P.M. / Felt At: / Time:
LOGS	Type: / Int.:	Type: / Int.:	Type: / Int.:

REMARKS

12-12:15 Dig Ser & BOP Check
12:15-1:15 Run in Teclean for Test
1:15-1:45 Pick up Sqz & Blow Kelly
1:45-2 Break Circ
2-3:15 Circ for Test
3:15-3:30 Blow Kelly
3:30-4:30 Pull Out
4:30-6:30 Pick up & Make Straddle Tester & Run in Same

Operator: / Driller:

8:00-8:30 Rig up Tester
8:30-10:30 Testing (Intervals 2622-2644)
10:30-11:30 Pull Out Tester
11:30-2:00 Break down Packer + Lay down Sqzls, Clear away all Tester Tools
2:00-3:00 Lay down D.C.'s
3:00-4:00 Running in Open End.

Operator: / Driller: L. Carter

4:00-4:30 Finish Running in Open End & Pick up Singles
4:30-5:30 Break Circ & Circ to Run Plugs.
5:30-7:00 Run Cement Plugs # 1 & 2.
7:00-10:30 Lay Down Drill Pipe
10:30-11:24 Run Cement Plug # 3
11:24-12:00 W/O/C.

Operator: / Driller: L. M.

Form ED-19.

DAILY REPORT

COMPANY D. TODD BRIGGS

CONTRACTOR P. BAWDEN DRLG RIG No. 11

DATE FEB 10 '59

Name of Well NE RABBIT LAKE No. 1 K. B. Elev. 933'

BOARD COPY
(TO BE SENT TO BOARD FIELD OFFICE)

(19)

FIRST TOUR 12:00 p.m. — 8:00 a.m.

DEPTH

Start of Tour	Hole Made This Tour	End of Tour
2765	REAM. 17 DRILLED 35	2863

TIME

On Bottom	Off Bottom	On Bottom	Off Bottom

BIT RECORD

Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.
9"	10RR	DWJ		25	75	88 REAMED 17	4¼

DRILL PIPE

Size	Stands	Singles	Drill Collar	Kelly Down	Core Bbl.
4½	2269.12	29.58	48.04	36.26	

MUD RECORD

Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind
3:00	10.6	62		11.0	50 LBS	RAYFLO
5:00	10.6	77		11.0	50 LBS	CAUSTIC

CORING

Time	Interval	Ft. Cut	Ft. Rec'd	Type

SURVEY

Depth	Degrees Off	Depth	Degrees Off
2785	1¾°		

CASING RUN

Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives

PERFORATING

Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type

ACIDIZING or FRACING

Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.

DRILL STEM TESTS

No. Interval Tested to

Valve Open min. Shut in mins.

Gas to Surface min. @ Mcf/d Max.

Oil to Surface min. @ Bbl/d Max.

Recovery: ft.

ft.

ft.

I.S.I.P. H.P. F.P. S.I.P.

ABANDONMENT PLUGS

No.	Interval	Cement	Additive	Plug Down	Felt At	Time

LOGS

Type Int.

REMARKS

12-1⁴⁵ RUN IN W/BIT NO 10 TO REAM & DRILL
1⁴⁵-2 BREAK CIRC
2-2⁴⁵ REAM.
2⁴⁵-6¹⁵ DRLG 9" HOLE
6¹⁵-7¹⁰ CIRC TO LOG. 7¹⁵-7³⁰ BLOW KELLY
7³⁰-7⁴⁵ PULLING OUT TO LOG
7⁴⁵-8 WORK ON DUMP AIR SYSTEM.

Operator Driller L. Payne

SECOND TOUR 8:00 a.m. — 4:00 p.m.

Start of Tour	Hole Made This Tour	End of Tour
2863		2863

On Bottom	Off Bottom	On Bottom	Off Bottom
8			

Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.
9"	10RR	DWJ	FAIR			35 REAMED 17	4¼

Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.

Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind

Time	Interval	Ft. Cut	Ft. Rec'd	Type

Depth	Degrees Off	Depth	Degrees Off

Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives

Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type

Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.

No. Interval Tested to

Valve Open min. Shut in mins.

Gas to Surface min. @ Mcf/d Max.

Oil to Surface min. @ Bbl/d Max.

Recovery: ft.

ft.

ft.

I.S.I.P. H.P. F.P. S.I.P.

No.	Interval	Cement	Additive	Plug Down	Felt At	Time

Type Int.

8⁰⁰-10⁰⁰ FINISH PULLING OUT TO LOG.
10⁰⁰-10³⁰ RIG UP TO LOG
10³⁰-4⁰⁰ LOGGING

Operator Driller

THIRD TOUR 4:00 p.m. — 12:00 p.m.

Start of Tour	Hole Made This Tour	End of Tour
2803		2803

On Bottom	Off Bottom	On Bottom	Off Bottom
	8		

Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.

Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.

Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind

Time	Interval	Ft. Cut	Ft. Rec'd	Type

Depth	Degrees Off	Depth	Degrees Off

Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives

Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type

Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.

No. Interval Tested to

Valve Open min. Shut in mins.

Gas to Surface min. Mcf/d Max.

Oil to Surface min. @ Bbl/d Max.

Recovery: ft.

ft.

ft.

I.S.I.P. H.P. F.P. S.I.P.

No.	Interval	Cement	Additive	Plug Down	Felt At	Time

Type Int.

4⁰⁰-9¹⁵ LOGGING
9¹⁵-9³⁰ TEAR OUT LOGGERS.
9³⁰-12⁰⁰ LAY DOWN 12 D.C⁵

Operator Driller E. Mill

Form ED-19.

DAILY REPORT

BOARD COPY
(TO BE SENT TO BOARD FIELD OFFICE) (18)

COMPANY TODD BRIGGS

CONTRACTOR P.B. GWDEN RIG No. 11

DATE FEB 9 1959

Name of Well NE RABBIT LAKE No. 1 K. B. Elev. 923

	FIRST TOUR 12:00 p.m. — 8:00 a.m.							
DEPTH	Start of Tour		Hole Made This Tour		End of Tour			
	2740		8		2748			
TIME	On Bottom		Off Bottom		On Bottom		Off Bottom	
	1/4		7 1/4					
BIT RECORD	Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.
	9"	9	OWJ		15	70	36	5
DRILL PIPE	Size	Stands	Singles	Drill Collar		Kelly		Core Bbl.
	4 1/2	2268.04	30.09	468.04		40.12		
MUD RECORD	Time	Weight	Vis.	Gel Str.	pH	Am't Added		Kind
	12:30	10.8	75		11.2	600 LAS.		GEL
	3:00	10.9	92					
CORING	Time	Interval		Ft. Cut		Ft. Rec'd		Type
SURVEY	Depth	Degrees Off		Depth		Degrees Off		
CASING RUN	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives
PERFORATING	Interval	Shot/Ft.	Type	Interval		Shot/Ft.		Type
ACIDIZING or FRACING	Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.		
DRILL STEM TESTS	No.	Interval Tested 2728	to 2748					
	Valve Open	min.	Shut in	mins.				
	Gas to Surface	min. @		Mcf/d Max.				
	Oil to Surface	min. @		Bbl/d Max.				
	Recovery:	ft.						
		ft.						
		ft.						
	I.S.I.P.	H.P.	F.P.	S.I.P.				
ABANDONMENT PLUGS	No.	Interval	Cement	Additive	Plug Down	Felt At	Time	
LOGS	Type	Int.						
REMARKS	12-12:15 RIG SER 6:30 - 8 RUN IN TO TEST 12:15 12:30 CIRC SAMPLE 12:30 2:30 CIRC TO TEST MIXING MUD. 2:30 3:30 CIRC TO TEST 3:30 3:45 SURVEY & BLOW KELLY 3:45 5:15 PULL OUT 5:15 6:15 PICK UP & MAKE UP PACKER. 6:15 6:30 THAW WATER TO BRAKES							
	Operator	Driller G Payne						

	SECOND TOUR 8:00 a.m. — 4:00 p.m.							
DEPTH	Start of Tour		Hole Made This Tour		End of Tour			
	2748				2748			
TIME	On Bottom		Off Bottom		On Bottom		Off Bottom	
	2 1/2		5 1/2					
BIT RECORD	Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.
DRILL PIPE	Size	Stands	Singles	Drill Collar		Kelly		Core Bbl.
MUD RECORD	Time	Weight	Vis.	Gel Str.	pH	Am't Added		Kind
		TRIP						
CORING	Time	Interval		Ft. Cut		Ft. Rec'd		Type
SURVEY	Depth	Degrees Off		Depth		Degrees Off		
CASING RUN	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives
PERFORATING	Interval	Shot/Ft.	Type	Interval		Shot/Ft.		Type
ACIDIZING or FRACING	Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.		
DRILL STEM TESTS	No. 1	Interval Tested 2728	to 2748					
	Valve Open 60	min.	Shut in ISI 30 FSI mins. 30					
	Gas to Surface N/L	min. @		Mcf/d Max.				
	Oil to Surface N/L	min. @		Bbl/d Max.				
	Recovery: 10	ft. SLIGHTLY OIL FLECK MUD						
		ft.						
		ft. VERY SLIGHT BLOW THROUGH OUT						
	I.S.I.P. 240	H.P. 1533	F.P. 44	F.S.I.P. 760				
ABANDONMENT PLUGS	No.	Interval	Cement	Additive	Plug Down	Felt At	Time	
LOGS	Type	Int.						
REMARKS	8:00 - 8:30 FINISH RUNNING IN TESTER. 8:30 - 11:00 TESTING 11:00 - 11:30 PULL OUT WITH TESTER. 11:30 - 12:45 WORK ON BREAK OUT + TONG LINE CABLE 12:45 - 1:30 FINISH TRIPPING OUT. 1:30 - 2:00 BREAK DOWN PACKER - PICK UP CORE BBLS 2:00 - 3:30 WORK ON AIR COMPRESSER 3:30 - 4:00 RUN IN CORE BBLS.							
	Operator	Driller H. Carter						

	THIRD TOUR 4:00 p.m. — 12:00 p.m.							
DEPTH	Start of Tour		Hole Made This Tour		End of Tour			
	2748		CORED. 17		2765			
TIME	On Bottom		Off Bottom		On Bottom		Off Bottom	
	2 3/4		5 1/4					
BIT RECORD	Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.
	6 1/8 HR	1	O	GOOD	4	70	17	2 3/4
	9"	9 R.R. OWJ						
DRILL PIPE	Size	44 Stands	Singles	3 Drill Collar		De Kelly		Core Bbl.
	4 1/2	2594.29		94.21		41.50		34.35
MUD RECORD	Time	Weight	Vis.	Gel Str.	pH	[illegible]		Kind
	8:00	10.7	85		11.5			
CORING	Time	Interval		Ft. Cut		Ft. Rec'd		Type
	5:45-8:30	2748 - 2765		17		17		O
SURVEY	Depth	Degrees Off		Depth		Degrees Off		
CASING RUN	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives
PERFORATING	Interval	Shot/Ft.	Type	Interval		Shot/Ft.		Type
ACIDIZING or FRACING	Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.		
DRILL STEM TESTS	No.	Interval Tested	to					
	Valve Open	min.	Shut in	mins.				
	Gas to Surface	min. @		Mcf/d Max.				
	Oil to Surface	min. @		Bbl/d Max.				
	Recovery:	ft.						
		ft.						
		ft.						
	I.S.I.P.	H.P.	F.P.	S.I.P.				
ABANDONMENT PLUGS	No.	Interval	Cement	Additive	Plug Down	Felt At	Time	
LOGS	Type	Int.						
REMARKS	4 - 5:00 RUN IN W/CORE B.BL. 5:00 5:15 BREAK CIRC 5:15 5:45 CIRC THROUGH CORE B.BL. 5:45 8:30 CUTTING O CORE # 2. 2748 - 2765 8:30 10:00 BLOW KELLY + PULL OUT W/CORE B.BL. 10:00 11:15 RECOVER CORE + LAY DOWN B.BL. 11:15 11:45 CHECK BLIND RAMS. 11:45 12:00 RUN IN W/9" BIT.							
	Operator	Driller E. Mill						

Form ED-19.

DAILY REPORT

BOARD COPY (TO BE SENT TO BOARD FIELD OFFICE) (17)

COMPANY D. Todd Briggs

DATE Feb 8/59

CONTRACTOR P. Bowden RIG No. 21

Name of Well NE Rabbit Lake No. 1 K. B. Elev. 933

FIRST TOUR 12:00 p.m. — 8:00 a.m

DEPTH

Start of Tour	Hole Made This Tour	End of Tour
2634	46	2680

TIME

On Bottom	Off Bottom	On Bottom	Off Bottom

BIT RECORD

Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.
9"	8	OSC	Running	12 1/2	80	46	7 3/4

DRILL PIPE

Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.
4 1/2	2147.87	29.70	468.82	33.61	

MUD RECORD

Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind
1:00	10.8	155		11.5		
5:00	10.7	75		11.5		

CORING

Time	Interval	Ft. Cut	Ft. Rec'd	Type

SURVEY

Depth	Degrees Off	Depth	Degrees Off

CASING RUN

Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives

PERFORATING

Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type

ACIDIZING or FRACING

Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.

DRILL STEM TESTS

No. Interval Tested to

Valve Open min. Shut in mins.

Gas to Surface min. @ Mcf/d Max.

Oil to Surface min. @ Bbl/d Max.

Recovery: ft.

ft.

ft.

I.S.I.P. H.P. F.P. S.I.P.

ABANDONMENT PLUGS

No.	Interval	Cement	Additive	Plug Down	Felt At	Time

LOGS

Type Int.

REMARKS

12-12[15] Rig Serv. B.O.P. check

12[15]-1 Reaming.

1-8 Drlg.

Operator

Driller [signature]

SECOND TOUR 8:00 a.m. — 4:00 p.m.

DEPTH

Start of Tour	Hole Made This Tour	End of Tour
2680	30	2710

TIME

On Bottom	Off Bottom	On Bottom	Off Bottom
4 1/4	3 3/4		

BIT RECORD

Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.
9"	8	OSC	Loose Teeth - Fair	13 1/2	80	76	12
9"	9"	OWV	IN				

DRILL PIPE

Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.
4 1/2	2249.47		468.82	33.21	

MUD RECORD

Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind
8 A.M	10.7	70	—	12		
	Trip					

CORING

Time	Interval	Ft. Cut	Ft. Rec'd	Type

SURVEY

Depth	Degrees Off	Depth	Degrees Off

CASING RUN

Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives

PERFORATING

Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type

ACIDIZING or FRACING

Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.

DRILL STEM TESTS

No. Interval Tested to

Valve Open min. Shut in mins.

Gas to Surface min. @ Mcf/d Max.

Oil to Surface min. @ Bbl/d Max.

Recovery: ft.

ft.

ft.

I.S.I.P. H.P. F.P. S.I.P.

ABANDONMENT PLUGS

No.	Interval	Cement	Additive	Plug Down	Felt At	Time

LOGS

Type Int.

REMARKS

8[00]-9[00] Drlg 9" Hole

9[00]-9[30] Conn, Check B.O.P.S, Service Rig + Change Packing in Pump

9[30]-12[45] Drlg 9" Hole.

12[45]-1[15] Check Weight - Circulate Sample.

1[15]-3[30] Blow Kelly Pull Out.

3[30]-4[00] Make up Bit, Running Collars.

Operator

Driller H. Coster

THIRD TOUR 4:00 p.m. — 12:00 p.m.

DEPTH

Start of Tour	Hole Made This Tour	End of Tour
2710	30	2740

TIME

On Bottom	Off Bottom	On Bottom	Off Bottom
4 3/4	3 1/4		

BIT RECORD

Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.
9"	9	OWV	IN	15	80	30	4 3/4

DRILL PIPE

Size	37 Stands	1 Singles	15 Drill Collar	Kelly Down	Core Bbl.
4 1/2	2208.04	30.09	468.04	33.12	

MUD RECORD

Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind
9[00]	10.8	85		11.5		
11[00]	10.8	85				

CORING

Time	Interval	Ft. Cut	Ft. Rec'd	Type

SURVEY

Depth	Degrees Off	Depth	Degrees Off

CASING RUN

Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives

PERFORATING

Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type

ACIDIZING or FRACING

Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.

DRILL STEM TESTS

No. Interval Tested to

Valve Open min. Shut in mins.

Gas to Surface min. @ Mcf/d Max.

Oil to Surface min. @ Bbl/d Max.

Recovery: ft.

ft.

ft.

I.S.I.P. H.P. F.P. S.I.P.

ABANDONMENT PLUGS

No.	Interval	Cement	Additive	Plug Down	Felt At	Time

LOGS

Type Int.

REMARKS

4[00]-4[15] Rig Service

4[15]-5[15] Slip + Cut Drilling Line

5[15]-6[45] Run in W/Bit

6[45]-7[15] Break Circ + Clean Out to Bottom.

7[15]-12[00] Drilling 9" Hole

Operator

Driller E. Mill

Form ED-19.

DAILY REPORT

BOARD COPY
(TO BE SENT TO BOARD FIELD OFFICE)

COMPANY D. Todd Briggs

DATE Feb 7, 59

CONTRACTOR Peter Bawden Drilling Ltd. RIG No. 11

Name of Well N.E. Rabbit Lake No. 1 K. B. Elev. 933. (16)

	FIRST TOUR 12:00 p.m. — 8:00 a.m				SECOND TOUR 8:00 a.m. — 4:00 p.m.				THIRD TOUR 4:00 p.m. — 12:00 p.m.			
DEPTH	Start of Tour	Hole Made This Tour		End of Tour	Start of Tour	Hole Made This Tour		End of Tour	Start of Tour	Hole Made This Tour		End of Tour
	2605	Cored. 7		2612	2612				2632	2		2634
TIME	On Bottom	Off Bottom	On Bottom	Off Bottom	On Bottom	Off Bottom	On Bottom	Off Bottom	On Bottom	Off Bottom	On Bottom	Off Bottom
	4¼	3¾			8	0			¾	7½		
BIT RECORD	Size / No. / Type / Condition / Pt. Wt. / R.P.M. / Ft. Dld. / Bit-hrs.											
	6⅛ / 1-B / / / 4½ / 90 / 7 / 4¼				6⅛ / 1-B / Christensen SEN / Run / 4½ / 80				6⅛ / 1-B / Christensen SEN / Good / 4½ / 80			
DRILL PIPE	Size / Stands / Singles / Drill Collar / Kelly / Core Bbl.											
	4½ / 2441.20 / — / 94.13 / 36.67 / 34.35				4½ / 2446.20 / 28.34 / 94.13 / 36.67 / 34.35				4½ / 2446.20 / 28.34 / 94.13 / 30.33 / 34.35			
MUD RECORD	Time / Weight / Vis. / Gel Str. / pH / Am't Added / Kind											
	5⁰⁰ / 10.8 / 70 / / 11.5 / /				9 / 10.8 / 70 / / 11.4 / Gel / 1200 LBS				4 P.M / 10.9 / 170 / / 11-4 / /			
	7⁰⁰ / 10.8 / 76 / / 11.5 / /				3 / 10.9 / 150 / / 11.4 / Caustic Modified / 24 LBS							
CORING	Time / Interval / Ft. Cut / Ft. Rec'd / Type											
	3⁴³-5⁰⁰ / 5' / 7' / / D				4-4 / 2612-26 / / / D							
SURVEY	Depth / Degrees Off / Depth / Degrees Off											
CASING RUN	Size / Amount / Set @ K.B. / Wt./Ft. / New/Used / Gde / Cement / Additives											
PERFORATING	Interval / Shot/Ft. / Type / Interval / Shot/Ft. / Type											
ACIDIZING or FRACING	Interval / Amount Gals. / Kind / Breakdown Press. / Final Press. / Feed Rate Bbls./Min.											
DRILL STEM TESTS	No. / Interval Tested / to											
	Valve Open / min. / Shut in / mins.											
	Gas to Surface / min. / @ / Mcf/d Max.											
	Oil to Surface / min. / @ / Bbl/d Max.											
	Recovery: / ft.											
	I.S.I.P. / H.P. / F.P. / S.I.P.											
ABANDONMENT PLUGS	No. / Interval / Cement / Additive / Plug Down / Felt At / Time											
LOGS	Type / Int.											
					4-4 Cutting @ Coring 2605 - 2632							
REMARKS	12⁰⁰ 12⁴³ Clean Out Core B.Bl. & Make up To Run In.								4⁰⁰-4⁴⁵ @ Core No. 1 From 2632 - 2634.			
	12⁴³ 2³⁰ Run In w/Core B.Bl. Circ In Last 3 Stands								4⁴⁵-6³⁰ Break off Core & Pull out With Core.			
	2³⁰ 3¹² Work On Pump.								6³⁰-8⁰⁰ Recover Core From Barrel & Service Same Layed down Barrel			
	3¹² 3⁴³ Circ Through Core B.B.L.								8⁰⁰-9⁰⁰ Check Float-Sub make up Bit & Run in Hole			
	3⁴³ 8⁶⁵ Cutting @ Core #1								9⁰⁰-9¹⁵ Work on water lines To Brakes.			
									9¹⁵-11⁰⁰ Finish Running in Hole To Ream.			
									11⁰⁰-12⁰⁰ Break Cir + Ream			
	Operator	Driller E. M. Ball			Operator	Driller E. Rayne			Operator	Driller H. Carter		

Form ED-19.

COMPANY D. Todd Briggs

CONTRACTOR Peter Bawden Drilling Ltd. RIG No. 11

DAILY REPORT

DATE Feb 6, 59

BOARD COPY (TO BE SENT TO BOARD FIELD OFFICE) (15)

Name of Well N.E. Rabbit Lake No. 1 K. B. Elev. 933

FIRST TOUR 12:00 p.m. — 8:00 a.m

DEPTH

Start of Tour	Hole Made This Tour	End of Tour
2548	16	2564

TIME

On Bottom	Off Bottom	On Bottom	Off Bottom
2 3/4	5 1/4		

BIT RECORD

Size	No.	Type	Condition	Ft. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.
9"	7	OSC	IN	10	80	16	2 3/4

DRILL PIPE

Size	Stands	Singles	Drill Collar	Kelly Down	Core Bbl.
4 1/2	2030.06	30.38	468.82	34.74	

MUD RECORD

Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind
7 00	10.8	58		11.5		

CORING

Time	Interval	Ft. Cut	Ft. Rec'd	Type

SURVEY

Depth	Degrees Off	Depth	Degrees Off

CASING RUN

Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives

PERFORATING

Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type

ACIDIZING or FRACING

Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.

DRILL STEM TESTS

No. Interval Tested to

Valve Open min. Shut in mins.

Gas to Surface min. @ Mcf/d Max.

Oil to Surface min. @ Bbl/d Max.

Recovery: ft.

ft.

ft.

I.S.I.P. H.P. F.P. S.I.P.

ABANDONMENT PLUGS

No.	Interval	Cement	Additive	Plug Down	Felt At	Time

LOGS

Type Int.

REMARKS

12 00 2 00 Change Heads & Liners in Pump.
2 00 Change Quick Release Valve in Rotary
3 30 Clutch & Slip Line
3 30 5 00 Run in w/Bit #7
5 00 5 15 Break Circ & Clean Out To Bottom.
5 15 8 00 Drilling 7" Hole

Operator Driller G. Mill

SECOND TOUR 8:00 a.m. — 4:00 p.m.

Start of Tour	Hole Made This Tour	End of Tour
2564	41	2605

On Bottom	Off Bottom	On Bottom	Off Bottom
4 1/2	3 1/2		

Size	No.	Type	Condition	Ft. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.
9"	7	OSC	FAIR	10	80	57	9 1/4
						Pull To Core	

Size	Stands	Singles	Drill Collar	Kelly Down	Core Bbl.
4 1/2	2030.06	2983	468.82	1630	

Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind
9 PM	10.9	55		11.5	50 LBS.	ROYFLO
1 AM	10.8	65		11.5	50 LBS.	CAUSTIC

Time	Interval	Ft. Cut	Ft. Rec'd	Type

Depth	Degrees Off	Depth	Degrees Off

Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives

Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type

Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.

No. Interval Tested to

Valve Open min. Shut in mins.

Gas to Surface min. @ Mcf/d Max.

Oil to Surface min. @ Bbl/d Max.

Recovery: ft.

ft.

ft.

I.S.I.P. H.P. F.P. S.I.P.

No.	Interval	Cement	Additive	Plug Down	Felt At	Time

Type Int.

8-930 Drlg.
8 30 9 Rig Serv. BOP Check.
9 12 05 Drlg.
12 15 - 1 Circ Sample
1 - 1 45 Drlg.
1 45 2 15 Circ Sample
2 15 2 30 Blow Kelly
2 30 4 Pull To Core

Operator Driller J. Payne

THIRD TOUR 4:00 p.m. — 12:00 p.m.

Start of Tour	Hole Made This Tour	End of Tour
2605		2605

On Bottom	Off Bottom	On Bottom	Off Bottom
1	7		

Size	No.	Type	Condition	Ft. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.
9 1/2	1-B		Pulled	Plugged		Barrel	

Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.
4 1/2	2446.20		94.13	41 50	

Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind

Time	Interval	Ft. Cut	Ft. Rec'd	Type

Depth	Degrees Off	Depth	Degrees Off

Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives

Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type

Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.

No. Interval Tested to

Valve Open min. Shut in mins.

Gas to Surface min. @ Mcf/d Max.

Oil to Surface min. @ Bbl/d Max.

Recovery: ft.

ft.

ft.

I.S.I.P. H.P. F.P. S.I.P.

No.	Interval	Cement	Additive	Plug Down	Felt At	Time

Type Int.

4 00 - 5 00 - Stand Back Drill Collars. (Measure Same)
5 00 - 6 00 Pick up Core Barrel + Service Same)
6 00 - 8 00 Run in Core Barrel + Pick up 12 Singles.
8 00 - 9 00 Try To Break Circulation (Failed).
9 00 - 11 00 Pull out with Core Barrel.
11 00 - 12 00 Break down Barrel & Clean Out Same

Operator Driller H. Carter

Form ED-19.

DAILY REPORT

BOARD COPY
(TO BE SENT TO BOARD FIELD OFFICE)

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COMPANY D. TODD BRIGGS

DATE FEB 5, 59

CONTRACTOR PETER BAWDEN DRILLING LTD RIG No. 11

Name of Well N. E. RABBIT LAKE No. 1 K. B. Elev. 933

	FIRST TOUR 12:00 p.m. — 8:00 a.m			SECOND TOUR 8:00 a.m. — 4:00 p.m.			THIRD TOUR 4:00 p.m. — 12:00 p.m.	
DEPTH	Start of Tour	Hole Made This Tour	End of Tour	Start of Tour	Hole Made This Tour	End of Tour	Start of Tour	Hole Made This Tour	End of Tour
	2388	65	2453	2453	61	2514	2514	34	2548

TIME	On Bottom	Off Bottom	On Bottom	Off Bottom	On Bottom	Off Bottom	On Bottom	Off Bottom	On Bottom	Off Bottom	On Bottom	Off Bottom
	4	4			7¼	3/4			4¼	3¾		

BIT RECORD	Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.	Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.	Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.
	9"	6	OSC	IN	12½	90	65	4	9"	6	OSC	Run	12½	80	126	11¼	9"	6	OSC	FAIR	12½	80	160	15½

DRILL PIPE	Size	33 Stands	Singles	15 Drill Collar	Kelly Down	Core Bbl.	Size	Stands	Singles	Drill Collar	Kelly Down	Core Bbl.	Size	34 Stands	1 Singles	15 Drill Collar	Kelly	Core Bbl.
	4½	1969.74		468.82	14.44		4½	2030.66		468.82	25.14		4½	2030.66	30.38	468.82	18.74	

MUD RECORD	Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind	Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind	Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind
	3^{00}	10.6	55		11.5	50 LBS.	CAUSTIC	9.00	10.7	54		11.5			4PM	10.8	58		11.1		
	7^{00}	10.6	58		11.5	50 LBS	BAY-FLO	3.00	10.7	54		11.5			8PM	10.7	56		11.1		

CORING	Time	Interval	Ft. Cut	Ft. Rec'd	Type	Time	Interval	Ft. Cut	Ft. Rec'd	Type	Time	Interval	Ft. Cut	Ft. Rec'd	Type

SURVEY	Depth	Degrees Off	Depth	Degrees Off	Depth	Degrees Off	Depth	Degrees Off	Depth 2500	Degrees Off 2	Depth	Degrees Off

CASING RUN	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives

PERFORATING	Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type

ACIDIZING or FRACING	Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.	Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.	Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.

DRILL STEM TESTS	No. Interval Tested to	No. Interval Tested to	No. Interval Tested to
	Valve Open min. Shut in mins.	Valve Open min. Shut in mins.	Valve Open min. Shut in mins.
	Gas to Surface min. @ Mcf/d Max.	Gas to Surface min. @ Mcf/d Max.	Gas to Surface min. @ Mcf/d Max.
	Oil to Surface min. @ Bbl/d Max.	Oil to Surface min. @ Bbl/d Max.	Oil to Surface min. @ Bbl/d Max.
	Recovery: ft.	Recovery: ft.	Recovery: ft.
	ft.	ft.	ft.
	ft.	ft.	ft.
	I.S.I.P. H.P. F.P. S.I.P.	I.S.I.P. H.P. F.P. S.I.P.	I.S.I.P. H.P. F.P. S.I.P.

ABANDONMENT PLUGS	No.	Interval	Cement	Additive	Plug Down	Felt At	Time	No.	Interval	Cement	Additive	Plug Down	Felt At	Time	No.	Interval	Cement	Additive	Plug Down	Felt At	Time

LOGS	Type Int.	Type Int.	Type Int.
REMARKS	12^{00} 12^{30} RIG SERVICE & CHECK B.O.P.	8-8^{30} DRLG	4^{00}-8^{15} DRILLING 9" HOLE.
	12^{30} 1^{15} CHANGE SCREEN ON SHALE SHAKER.	8^{30}-8^{45} RIG SERV & BOP CHECK	8^{15}-8^{45} CIRCULATION FOR TRIP & SURVEY.
	1^{15} 2^{30} RUN IN W/BIT	8^{45}-11^{30} DRLG	8^{45}-10^{00} TRIP OUT WITH BIT 6.
	2^{30} 3^{15} BREAK CIRC & CLEAN OUT TO BOTTOM	11^{30}-12^{00} CHANGE GASKETS IN PUMP.	10^{00}-12^{00} CHANGES HEADS & LINERS IN PUMP.
	3^{15} 4^{45} DRILLING 9" HOLE	12-4 DRLG.	
	4^{40} 5^{30} WORK ON DWKS.		
	5^{30} 8^{00} DRILLING 9" HOLE		
	Operator Driller E. Mill	Operator Driller E. Payne	Operator Driller H. Carter

Form ED-19.

DAILY REPORT

BOARD COPY
(TO BE SENT TO BOARD FIELD OFFICE)

(13)

COMPANY D. Todd Briggs DATE Feb. 4, 59

CONTRACTOR Peter Bawden Drilling Ltd. RIG No. 11 Name of Well N.E. Rabbit No. 1 K. B. Elev. 933

	FIRST TOUR 12:00 p.m. — 8:00 a.m							
DEPTH	Start of Tour		Hole Made This Tour		End of Tour			
	1928		180		2108			
TIME	On Bottom		Off Bottom		On Bottom		Off Bottom	
	7 3/4		1/4					
BIT RECORD	Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.
	9"	5	OSC-1G	IN	15	140	182	8
DRILL PIPE	Size	27 Stands	Singles	15 Drill Collar	Kelly Down	Core Bbl.		
	4 1/2	1610.26	—	468.82	28.92			
MUD RECORD	Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind	
	2	10.7	52			1400 #	10# CAUSTIC 10# BARITE	
	5	10.6	63		11.5	20#	GCL CYPAN	
CORING	Time	Interval		Ft. Cut	Ft. Rec'd	Type		
SURVEY	Depth	Degrees Off	Depth	Degrees Off				
CASING RUN	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives
PERFORATING	Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type		
ACIDIZING or FRACING	Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.		
DRILL STEM TESTS	No. Interval Tested to							
	Valve Open min. Shut in mins.							
	Gas to Surface min. @ Mcf/d Max.							
	Oil to Surface min. @ Bbl/d Max.							
	Recovery: ft.							
	ft.							
	ft.							
	I.S.I.P. H.P. F.P. S.I.P.							
ABANDONMENT PLUGS	No.	Interval	Cement	Additive	Plug Down	Felt At	Time	
LOGS	Type Int.							
REMARKS	12 1/4 12 1/2 Rig Service & Check B.O.P. 12 1/2 8 3/4 Drilling 9" Hole							
	Operator Driller E. Mill							

	SECOND TOUR 8:00 a.m. — 4:00 p.m.							
DEPTH	Start of Tour		Hole Made This Tour		End of Tour			
	2108		157		2265			
TIME	On Bottom		Off Bottom		On Bottom		Off Bottom	
	7 1/4		3/4					
BIT RECORD	Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.
	9"	5	OSC-1G	R.W.	15	80	339	15 1/4
DRILL PIPE	Size	Stands	Singles	Drill Collar	Kelly Down	Core Bbl.		
	4 1/2	1729.35	29.73	468.82	37.46			
MUD RECORD	Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind	
	9	11.2	72		11.3	1100# GEL 150# MYCOL 15# CYPAN 100# CAUST		
	3	11	160		11.5	100# GEL 20# CYPAN		
CORING	Time	Interval		Ft. Cut	Ft. Rec'd	Type		
SURVEY	Depth	Degrees Off	Depth	Degrees Off				
CASING RUN	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives
PERFORATING	Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type		
ACIDIZING or FRACING	Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.		
DRILL STEM TESTS	No. Interval Tested to							
	Valve Open min. Shut in mins.							
	Gas to Surface min. @ Mcf/d Max.							
	Oil to Surface min. @ Bbl/d Max.							
	Recovery: ft.							
	ft.							
	ft.							
	I.S.I.P. H.P. F.P. S.I.P.							
ABANDONMENT PLUGS	No.	Interval	Cement	Additive	Plug Down	Felt At	Time	
LOGS	Type Int.							
REMARKS	8-8:30 Rig Serv & BOP Check 8:30 2:15 Drlg 2:15 2:30 Prime Pump 2:30 4 Drlg.							
	Operator Driller							

	THIRD TOUR 4:00 p.m. — 12:00 p.m.							
DEPTH	Start of Tour		Hole Made This Tour		End of Tour			
	2265		123		2388			
TIME	On Bottom		Off Bottom		On Bottom		Off Bottom	
	5		3					
BIT RECORD	Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.
	9"	5	OSC-1G	FAIR	15	80	462	20 1/4
DRILL PIPE	Size	31 Stands	Singles	Drill Collar	Kelly	Core Bbl.		
	4 1/2	1848.53	29.76	468.82	41.50			
MUD RECORD	Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind	
	6:00 (C)	10.6	72		11.2	1300#	Gel	
	9:00	10.3	55		11.0	5 sx	Cypan	
CORING	Time	Interval		Ft. Cut	Ft. Rec'd	Type		
SURVEY	Depth 2200	Degrees Off 2 1/2	Depth	Degrees Off				
CASING RUN	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives
PERFORATING	Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type		
ACIDIZING or FRACING	Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.		
DRILL STEM TESTS	No. Interval Tested to							
	Valve Open min. Shut in mins.							
	Gas to Surface min. @ Mcf/d Max.							
	Oil to Surface min. @ Bbl/d Max.							
	Recovery: ft.							
	ft.							
	ft.							
	I.S.I.P. H.P. F.P. S.I.P.							
ABANDONMENT PLUGS	No.	Interval	Cement	Additive	Plug Down	Felt At	Time	
LOGS	Type Int.							
REMARKS	4-4:30 Rig Serv & B.O.P. Check. 9:15-9:45 Drlg 9" Hole 9:15-9:45 - Circulation For Trip + Survey 9:45-1:00 Pull Out With Bit No. 5.							
	Operator Driller H. Rapster							

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DAILY REPORT

BOARD COPY
(TO BE SENT TO BOARD FIELD OFFICE)

(12)

COMPANY D. Todd Briggs

DATE ~~Nov~~ Feb 3, 5 9

CONTRACTOR Peter Bawden Drilling Ltd RIG No. 11

Name of Well N.E. Rabbit Lake No. 1 K. B. Elev. 933

	FIRST TOUR 12:00 p.m. — 8:00 a.m.							
DEPTH	Start of Tour		Hole Made This Tour		End of Tour			
	1582		200		1782			
TIME	On Bottom		Off Bottom		On Bottom		Off Bottom	
	7 3/4		1/4					
BIT RECORD	Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.
	9"	4	OSC-1G	IN	15	150	200	7 3/4
DRILL PIPE	Size	21 Stands	1 Singles	15 Drill Collar	Kelly Drive	Core Bbl.		
	4 1/2	1248.93	30.13	468.82	34.12			
MUD RECORD	Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind	
	2	10.3	55		10.5	90 Lbs 25 lbs 1000 lbs	Gel Cypan	
	5	10.6	48		11.5	water 100 lbs 600 lbs	Rayflo Mylogel	
CORING	Time	Interval		Ft. Cut	Ft. Rec'd	Type		
SURVEY	Depth	Degrees Off	Depth	Degrees Off				
CASING RUN	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives
PERFORATING	Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type		
ACIDIZING or FRACING	Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.		
DRILL STEM TESTS	No.	Interval Tested	to					
	Valve Open	min.	Shut in	mins.				
	Gas to Surface	min. @	Mcf/d Max.					
	Oil to Surface	min. @	Bbl/d Max.					
	Recovery:	ft.						
		ft.						
		ft.						
	I.S.I.P.	H.P.	F.P.	S.I.P.				
ABANDONMENT PLUGS	No.	Interval	Cement	Additive	Plug Down	Felt At	Time	
LOGS	Type	Int.						
REMARKS	12^00-12^D Rig Service Check B.O.P.'s 12^D 8^00 Drilling 9" Hole							
	Operator	Driller E. Mill						

	SECOND TOUR 8:00 a.m. — 4:00 p.m.							
DEPTH	Start of Tour		Hole Made This Tour		End of Tour			
	1782		144		1926			
TIME	On Bottom		Off Bottom		On Bottom		Off Bottom	
	7 1/4		3/4					
BIT RECORD	Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.
	9"	4	OSC-1S	IN	15	150 180	344	14
DRILL PIPE	Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.		
	4 1/2	1430.21	—	468.82	26.97			
MUD RECORD	Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind	
	9:00	10.9	48		12.0	1000 lbs	GEL	
	1:00	11.0	54			50 lbs	CYPAN	
CORING	Time	Interval		Ft. Cut	Ft. Rec'd	Type		
SURVEY	Depth	Degrees Off	Depth	Degrees Off				
CASING RUN	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives
PERFORATING	Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type		
ACIDIZING or FRACING	Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.		
DRILL STEM TESTS	No.	Interval Tested	to					
	Valve Open	min.	Shut in	mins.				
	Gas to Surface	min. @	Mcf/d Max.					
	Oil to Surface	min. @	Bbl/d Max.					
	Recovery:	ft.						
		ft.						
		ft.						
	I.S.I.P.	H.P.	F.P.	S.I.P.				
ABANDONMENT PLUGS	No.	Interval	Cement	Additive	Plug Down	Felt At	Time	
LOGS	Type	Int.						
REMARKS	6^00-6^30 - Riser & Bop Check 6^30-8^30 Drlg 8^30-9 Work on Dwks							
	Operator	Driller [illegible] Payne						

	THIRD TOUR 4:00 p.m. — 12:00 p.m.							
DEPTH	Start of Tour		Hole Made This Tour		End of Tour			
	1926		2		1928			
TIME	On Bottom		Off Bottom		On Bottom		Off Bottom	
	1/4		7 3/4					
BIT RECORD	Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.
	9"	5	OSC1G	IN	25	120	2	1/4
DRILL PIPE	Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.		
	4 1/2	1430.21		468.82	28.97			
MUD RECORD	Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind	
CORING	Time	Interval		Ft. Cut	Ft. Rec'd	Type		
SURVEY	Depth	Degrees Off	Depth	Degrees Off				
CASING RUN	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives
PERFORATING	Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type		
ACIDIZING or FRACING	Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.		
DRILL STEM TESTS	No.	Interval Tested	to					
	Valve Open	min.	Shut in	mins.				
	Gas to Surface	min. @	Mcf/d Max.					
	Oil to Surface	min. @	Bbl/d Max.					
	Recovery:	ft.	MEASURE OUT - 1951.30					
		ft.	TALLY - 1940.53					
		ft.	DIFF - 1.37					
	I.S.I.P.	H.P.	F.P.	S.I.P.				
ABANDONMENT PLUGS	No.	Interval	Cement	Additive	Plug Down	Felt At	Time	
LOGS	Type	Int.						
REMARKS	4^00-6^00 Install new chain in Drawworks. 6^00-8^00 Pull out with Bit No. 4 Measure out 8^00-9^00 Services Drill Collars & Float Sub 9-10^30 Run in with Bit No. 5. 10^30-11^45 Reaming on Tight Hole. 11^45-12^00 Drilling 9" Hole.							
	Operator	Driller H. Carter						

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DAILY REPORT

BOARD COPY
(TO BE SENT TO BOARD FIELD OFFICE)

COMPANY D. TODD. BRIGGS DATE FEB. 2. 59

CONTRACTOR PETER BAWDEN DRILLING LTD. RIG No. 11 Name of Well N.E. RABBIT LAKE No. 1 K. B. Elev. 933

	FIRST TOUR 12:00 p.m. — 8:00 a.m.							
DEPTH	Start of Tour		Hole Made This Tour		End of Tour			
	1325		200		1525			
TIME	On Bottom		Off Bottom		On Bottom		Off Bottom	
	7 3/4		1/4					
BIT RECORD	Size	No.	Type	Condition	Ft. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.
	9"	3	OSC-3	IN	15	150	225	9 1/2
DRILL PIPE	Size	17 Stands	1 Singles	15 Drill Collar	Kelly Down	Core Bbl.		
	4 1/2	1013.02	28.22	465.44	18.32			
MUD RECORD	Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind	
	2	10.2	54		11.5	100#	Mylo-Gel	
	5	10.2	46		11.5	WATER TO BUILD VOLUM		
CORING	Time	Interval		Ft. Cut	Ft. Rec'd	Type		
SURVEY	Depth	Degrees Off	Depth	Degrees Off				
CASING RUN	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives
PERFORATING	Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type		
ACIDIZING or FRACING	Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.		
DRILL STEM TESTS	No.	Interval Tested		to				
	Valve Open	min.	Shut in	mins.				
	Gas to Surface	min.	@	Mcf/d Max.				
	Oil to Surface	min.	@	Bbl/d Max.				
	Recovery:	ft.						
		ft.						
		ft.						
	I.S.I.P.	H.P.	F.P.	S.I.P.				
ABANDONMENT PLUGS	No.	Interval	Cement	Additive	Plug Down	Felt At	Time	
LOGS	Type	Int.						
REMARKS	12:00 12:30 RIG SERVICE & CHECK B.O.P. 12:30 8:00 DRILLING 9" HOLE							
	Operator	Driller Mc Mill						

	SECOND TOUR 8:00 a.m. — 4:00 p.m.							
DEPTH	Start of Tour		Hole Made This Tour		End of Tour			
	1525		57		1582			
TIME	On Bottom		Off Bottom		On Bottom		Off Bottom	
	2		6					
BIT RECORD	Size	No.	Type	Condition	Ft. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.
	9"	3	OSC-3	DULL, LOOSE	35	150	282	11 1/2
	9"	4	OSC-1G	IN HOLE PLUGGED				
DRILL PIPE	Size	Stands	Singles	Drill Collar	Kelly Down	Core Bbl.		
	4 1/2	1071.38	28.92	465.44	16.25			
MUD RECORD	Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind	
	9:00	11.0	42		12			
CORING	Time	Interval		Ft. Cut	Ft. Rec'd	Type		
SURVEY	Depth 1582	Degrees Off 3/4	Depth	Degrees Off				
CASING RUN	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives
PERFORATING	Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type		
ACIDIZING or FRACING	Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.		
DRILL STEM TESTS	No.	Interval Tested		to				
	Valve Open	min.	Shut in	mins.				
	Gas to Surface	min.	@	Mcf/d Max.				
	Oil to Surface	min.	@	Bbl/d Max.				
	Recovery:	ft.						
		ft.						
		ft.						
	I.S.I.P.	H.P.	F.P.	S.I.P.				
ABANDONMENT PLUGS	No.	Interval	Cement	Additive	Plug Down	Felt At	Time	
LOGS	Type	Int.						
REMARKS	7-8:30 DRLG 8:30-8:45 RIG SERV & BOP DRILL 8:45 10 DRLG 10 10:15 WORK HOLE EASY 10:15 10:45 DRLG 10:45 11 CIRC FOR TRIP 11 11:15 BLOW KELLY & SURVEY 11:15 12:30 PULL OUT 12:30 1:30 CLEAN MUD TANK 1:30 3 RUN IN 3 4 ATTEMPT BREAK CIRC FAILED							
	Operator	Driller L Payne						

	THIRD TOUR 4:00 p.m. — 12:00 p.m.							
DEPTH	Start of Tour		Hole Made This Tour		End of Tour			
	1525		0		1582			
TIME	On Bottom		Off Bottom		On Bottom		Off Bottom	
			8					
BIT RECORD	Size	No.	Type	Condition	Ft. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.
	9"	4	OSC1G	IN				
DRILL PIPE	Size	18 Stands	Singles	Drill Collar	Kelly Down	Core Bbl.		
	4 1/2	1071.38	28.92	465.44	12.87			
MUD RECORD	Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind	
CORING	Time	Interval		Ft. Cut	Ft. Rec'd	Type		
SURVEY	Depth	Degrees Off	Depth	Degrees Off				
CASING RUN	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives
PERFORATING	Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type		
ACIDIZING or FRACING	Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.		
DRILL STEM TESTS	No.	Interval Tested		to				
	Valve Open	min.	Shut in	mins.				
	Gas to Surface	min.	@	Mcf/d Max.				
	Oil to Surface	min.	@	Bbl/d Max.				
	Recovery:	ft.						
		ft.						
		ft.						
	I.S.I.P.	H.P.	F.P.	S.I.P.				
ABANDONMENT PLUGS	No.	Interval	Cement	Additive	Plug Down	Felt At	Time	
LOGS	Type	Int.						
REMARKS	4:00-5:00 TRY TO BREAK CIRCULATION (Failed) 5:00-7:00 Blow KELLY + PULL OUT, (WET STANDS) 9:00-11:00 RUN IN 11:00-12:00 BREAK CIRCULATION + WORK PIPE.							
	Operator	Driller H. Carter						

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DAILY REPORT

BOARD COPY
(TO BE SENT TO BOARD FIELD OFFICE)
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COMPANY D. TODD BRIGGS
DATE FEB 1 59
CONTRACTOR PETER BAWDEN DRILLING LTD. RIG No. 11
Name of Well N.E. BABBIT LAKE No. 1 K. B. Elev 933

FIRST TOUR 12:00 p.m. — 8:00 a.m

DEPTH

Start of Tour	Hole Made This Tour	End of Tour
810	345	1155

TIME

On Bottom	Off Bottom	On Bottom	Off Bottom
7¼	¾		

BIT RECORD

Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.
9"	2	OSC-3	IN	15	150	522	12½

DRILL PIPE

Size	11 Stands	Singles	15 Drill Collar	Kelly Down	Core Bbl.
4½	653.31	—	468.82	32.87	

MUD RECORD

Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind
2	11	50		12.5	~~230 #~~ 250 #	RAY FLO CAUSTIC
5	11	40		12	100 # 50 #	CYPAN MY-LOW GEL

CORING

Time	Interval	Ft. Cut	Ft. Rec'd	Type

SURVEY

Depth	Degrees Off	Depth	Degrees Off

CASING RUN

Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives

PERFORATING

Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type

ACIDIZING or FRACING

Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.

DRILL STEM TESTS

No. Interval Tested to
Valve Open min. Shut in mins.
Gas to Surface min. @ Mcf/d Max.
Oil to Surface min. @ Bbl/d Max.
Recovery: ft.
ft.
ft.
I.S.I.P. H.P. F.P. S.I.P.

ABANDONMENT PLUGS

No.	Interval	Cement	Additive	Plug Down	Felt At	Time

LOGS

Type Int.

REMARKS

12^{00} 12^{30} RIG SERVICE & CHECK B.O.P's.
12^{30} 4^{00} DRILLING 9" HOLE
4^{00} 4^{30} WORK MUD LINE
4^{30} 8^{00} DRILLING 9" HOLE

Operator
Driller E. Mill

SECOND TOUR 8:00 a.m. — 4:00 p.m.

DEPTH

Start of Tour	Hole Made This Tour	End of Tour
1155	145	1300

TIME

On Bottom	Off Bottom	On Bottom	Off Bottom
4¼	3¾		

BIT RECORD

Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.
9	2	OSC-3	DULL	15	160	627	16¾
9	3	OSC-3	IN				

DRILL PIPE

Size	13 Stands	1 Singles	15 Drill Collar	Kelly Down	Core Bbl.
4½	844.69		465.49	31.37	

MUD RECORD

Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind
1:00	10.2	44		12.0	100 LBS	RAYFLO
11:00	10.2	39		12.0	300 LBS ~~[illegible]~~ 25 LBS	GEL CYPAN

CORING

Time	Interval	Ft. Cut	Ft. Rec'd	Type

SURVEY

Depth	Degrees Off	Depth	Degrees Off
1300	¾		

CASING RUN

Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives

PERFORATING

Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type

ACIDIZING or FRACING

Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.

DRILL STEM TESTS

No. Interval Tested to
Valve Open min. Shut in mins.
Gas to Surface min. @ Mcf/d Max.
Oil to Surface min. @ Bbl/d Max.
Recovery: ft.
ft.
ft.
I.S.I.P. H.P. F.P. S.I.P.

ABANDONMENT PLUGS

No.	Interval	Cement	Additive	Plug Down	Felt At	Time

LOGS

Type Int.

REMARKS

8-9 DRLG
9-10 RIG SER; BOP CHECK, CHANGED SHALE SHAKER SCREEN
10-1^{15} DRLG 9" HOLE
1^{15} 1^{30} Blow Kelly & Survey
1^{30} 2^{30} Pull out & Recover Survey
2^{30} 4 Run in.

Operator
Driller

THIRD TOUR 4:00 p.m. — 12:00 p.m.

DEPTH

Start of Tour	Hole Made This Tour	End of Tour
1300	25	1325

TIME

On Bottom	Off Bottom	On Bottom	Off Bottom
1¾	7¼		

BIT RECORD

Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.
9"	3	OSC-3	IN	15	175	25	1¾

DRILL PIPE

Size	14 Stands	Singles	15 Drill Collar	Kelly	Core Bbl.
4½	133.97		465.44	26.53	

MUD RECORD

Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind
10^{00}	10	60		12.0		
12^{00}	10	55		12		

CORING

Time	Interval	Ft. Cut	Ft. Rec'd	Type

SURVEY

Depth	Degrees Off	Depth	Degrees Off

CASING RUN

Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives

PERFORATING

Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type

ACIDIZING or FRACING

Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.

DRILL STEM TESTS

No. Interval Tested to
Valve Open min. Shut in mins.
Gas to Surface min. @ Mcf/d Max.
Oil to Surface min. @ Bbl/d Max.
Recovery: ft.
ft.
ft.
I.S.I.P. H.P. F.P. S.I.P.

ABANDONMENT PLUGS

No.	Interval	Cement	Additive	Plug Down	Felt At	Time

LOGS

Type Int.

REMARKS

4^{00} 5^{00} TRYED TO BREAK CIRCULATION (Failed)
5^{00}-1^{30} - Pulled out of Hole. Plugged. BIT.
1^{30}-7^{00}. CLEAN up BIT + unplugged Drill Collar.
7^{00}-9^{30} Run in THE HOLE + BREAK CIRCULATION.
9^{30}-1^{15}. WORK PIPE + CIRCULATE HEAVY Mud.
1^{15}-12^{00}. DRILLING 9" HOLE.

Operator
Driller A. Carter

Form ED-19.

DAILY REPORT

BOARD COPY (TO BE SENT TO BOARD FIELD OFFICE)

COMPANY D. TODD. BRIGGS

DATE Jan 31/59

CONTRACTOR P. BAWDEN DRL LTD. RIG No. 11

Name of Well RABBIT LAKE N.E. No. 1 K. B. Elev. 933 (9)

	FIRST TOUR 12:00 p.m. — 8:00 a.m			
DEPTH	Start of Tour	Hole Made This Tour	End of Tour	
	222	157	379	
TIME	On Bottom	Off Bottom	On Bottom	Off Bottom
	7 1/2	1/2		
BIT RECORD	Size / No. / Type / Condition / Pt. Wt. / R.P.M. / Ft. Dld. / Bit-hrs.			
	9" / 6664 9 / OSC / IN / 20,000 / 120 / 199 / 9 3/4			
DRILL PIPE	Size / Stands / Singles / Drill Collar / Kelly / Core Bbl.			
	4 1/2 / 8792 / 3000 / 220.45' / 41.50			
MUD RECORD	Time / Weight / Vis. / Gel Str. / pH / Am't Added / Kind			
	2000 / 8.8 / 40 / / 10.5 / 600 # / Gel			
	4000 / 8.8 / 45 / / / 68 lbs / Cypan			
CORING	Time / Interval / Ft. Cut / Ft. Rec'd / Type			
	~~8000~~			
	~~9000~~			
SURVEY	Depth / Degrees Off / Depth / Degrees Off			
CASING RUN	Size / Amount / Set @ K.B. / Wt./Ft. / New/Used / Gde / Cement / Additives			
	10 3/4			
PERFORATING	Interval / Shot/Ft. / Type / Interval / Shot/Ft. / Type			
ACIDIZING or FRACING	Interval / Amount Gals. / Kind / Breakdown Press. / Final Press. / Feed Rate Bbls./Min.			
DRILL STEM TESTS	No. / Interval Tested / to			
	Valve Open / min. / Shut in / mins.			
	Gas to Surface / min. / @ / Mcf/d Max.			
	Oil to Surface / min. / @ / Bbl/d Max.			
	Recovery: ft. / ft. / ft.			
	I.S.I.P. / H.P. / F.P. / S.I.P.			
ABANDONMENT PLUGS	No. / Interval / Cement / Additive / Plug Down / Felt At / Time			
LOGS	Type / Int.			
REMARKS	1200 - 1215 - Condition Mud System - Check BOPs 1215 - 645 - Drilling 9" Hole. 645 - 700 - Work on Pump Motor. 700 - 800 - Drilling 9" Hole.			
	Operator / Driller K. Carter			

	SECOND TOUR 8:00 a.m. — 4:00 p.m.			
DEPTH	Start of Tour	Hole Made This Tour	End of Tour	
	379	254	633	
TIME	On Bottom	Off Bottom	On Bottom	Off Bottom
	7	1		
BIT RECORD	Size / No. / Type / Condition / Pt. Wt. / R.P.M. / Ft. Dld. / Bit-hrs.			
	9" / 1 / OSC / DULL / 7 / 150 / 453 / 17			
	9" / 2 / OSC-3			
DRILL PIPE	Size / Stands / Singles / Drill Collar / Kelly / Core Bbl.			
MUD RECORD	Time / Weight / Vis. / Gel Str. / pH / Am't Added / Kind			
	11 / 9.2 / 55 / W.C. 10 / / 300 LBS / CFL-200			
				100 LBS / KMY-200
				25 LBS / CAUSTIC
	1 / 9.0 / 46 / 8 / 12 / 100 LBS / MY-LO-GEL			
CORING	Time / Interval / Ft. Cut / Ft. Rec'd / Type			
SURVEY	Depth 633 / Degrees Off 1/2° / Depth / Degrees Off			
CASING RUN	Size / Amount / Set @ K.B. / Wt./Ft. / New/Used / Gde / Cement / Additives			
PERFORATING	Interval / Shot/Ft. / Type / Interval / Shot/Ft. / Type			
ACIDIZING or FRACING	Interval / Amount Gals. / Kind / Breakdown Press. / Final Press. / Feed Rate Bbls./Min.			
DRILL STEM TESTS	No. / Interval Tested / to			
	Valve Open / min. / Shut in / mins.			
	Gas to Surface / min. / @ / Mcf/d Max.			
	Oil to Surface / min. / @ / Bbl/d Max.			
	Recovery: ft. / ft. / ft.			
	I.S.I.P. / H.P. / F.P. / S.I.P.			
ABANDONMENT PLUGS	No. / Interval / Cement / Additive / Plug Down / Felt At / Time			
LOGS	Type / Int.			
REMARKS	800 - 812 - Rig Service + Check BOPs 812 - 312 - Drilling 9" Hole 312 - 400 - Drop Survey + Pull Out To Change Bits			
	Operator / Driller E. Mill			

	THIRD TOUR 4:00 p.m. — 12:00 p.m.			
DEPTH	Start of Tour	Hole Made This Tour	End of Tour	
	633	177	810	
TIME	On Bottom	Off Bottom	On Bottom	Off Bottom
	5 1/4	2 3/4		
BIT RECORD	Size / No. / Type / Condition / Pt. Wt. / R.P.M. / Ft. Dld. / Bit-hrs.			
	9" / 2 / OSC-3 / IN / 20 / 180 / 177 / 5 1/4			
DRILL PIPE	Size / Stands / Singles / Drill Collar / Kelly / Core Bbl.			
	4 1/2			
MUD RECORD	Time / Weight / Vis. / Gel Str. / pH / Am't Added / Kind			
	8:00 / 9.3 / 62 / / 12 / BICARB 300 LBS			
	11:00 / 10. / 44 / / 11. / CYPAN 25 LBS			
CORING	Time / Interval / Ft. Cut / Ft. Rec'd / Type			
SURVEY	Depth / Degrees Off / Depth / Degrees Off			
CASING RUN	Size / Amount / Set @ K.B. / Wt./Ft. / New/Used / Gde / Cement / Additives			
PERFORATING	Interval / Shot/Ft. / Type / Interval / Shot/Ft. / Type			
ACIDIZING or FRACING	Interval / Amount Gals. / Kind / Breakdown Press. / Final Press. / Feed Rate Bbls./Min.			
DRILL STEM TESTS	No. / Interval Tested / to			
	Valve Open / min. / Shut in / mins.			
	Gas to Surface / min. / @ / Mcf/d Max.			
	Oil to Surface / min. / @ / Bbl/d Max.			
	Recovery: ft. / ft. / ft.			
	I.S.I.P. / H.P. / F.P. / S.I.P.			
ABANDONMENT PLUGS	No. / Interval / Cement / Additive / Plug Down / Felt At / Time			
LOGS	Type / Int.			
REMARKS	4-430 Pull Out To Change Bits 430 - 5 Rig Serv + BOP Check 5 - 530 Pick up 8 DC's 530 - 600 Run in Break Circ 600 - 640 Clean To Bottom 645 - 12 Drlg Loose mud To Formation			
	Operator / Driller G. Pryde			

Form ED-19.

DAILY REPORT

BOARD COPY
(TO BE SENT TO BOARD FIELD OFFICE)

COMPANY D. Todd Briggs

DATE Jan 22 / 59

CONTRACTOR R. Bowden Dgld LTD. RIG No. 11

Name of Well Rabbit Lake N.E. No. 1 K. B. Elev. 933 (8)

	FIRST TOUR 12.00 p.m. — 8:00 a.m.							
DEPTH	Start of Tour		Hole Made This Tour		End of Tour			
TIME	On Bottom		Off Bottom		On Bottom		Off Bottom	
			8					
BIT RECORD	Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.
DRILL PIPE	Size	Stands	Singles	Drill Collar		Kelly		Core Bbl.
MUD RECORD	Time	Weight	Vis.	Gel Str.	pH	Am't Added		Kind
						100 #		Gel
CORING	Time	Interval		Ft. Cut	Ft. Rec'd	Type		
SURVEY	Depth	Degrees Off	Depth	Degrees Off				
CASING RUN	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives
	10 3/4	163.08'	175	32.75#	NEW	J-55	115 sacks	2% C+C*2
PERFORATING	Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type		
ACIDIZING or FRACING	Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.		
DRILL STEM TESTS	No.	Interval Tested		to				
	Valve Open	min.	Shut in	mins.				
	Gas to Surface	min.	@	Mcf/d Max.				
	Oil to Surface	min.	@	Bbl/d Max.				
	Recovery:	ft.						
		ft.						
		ft.						
	I.S.I.P.	H.P.	F.P.	S.I.P.				
ABANDONMENT PLUGS	No.	Interval	Cement	Additive	Plug Down	Felt At	Time	
LOGS	Type	Int.						
REMARKS	12.00 1.00 Back off landing joint, cut off casing collar.							
	1.00 3.00 Install casing bowl + Head up B.O.P.'s.							
	Operator	Driller H. Carter						

	SECOND TOUR 8:00 a.m. — 4:00 p.m.							
DEPTH	Start of Tour		Hole Made This Tour		End of Tour			
TIME	On Bottom		Off Bottom		On Bottom		Off Bottom	
			8					
BIT RECORD	Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.
	9"	1	OSC					
DRILL PIPE	Size	Stands	Singles	Drill Collar		Kelly		Core Bbl.
MUD RECORD	Time	Weight	Vis.	Gel Str.	pH	Am't Added		Kind
CORING	Time	Interval		Ft. Cut	Ft. Rec'd	Type		
SURVEY	Depth	Degrees Off	Depth	Degrees Off				
CASING RUN	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives
PERFORATING	Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type		
ACIDIZING or FRACING	Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.		
DRILL STEM TESTS	No.	Interval Tested		to				
	Valve Open	min.	Shut in	mins.				
	Gas to Surface	min.	@	Mcf/d Max.				
	Oil to Surface	min.	@	Bbl/d Max.				
	Recovery:	ft.						
		ft.						
		ft.						
	I.S.I.P.	H.P.	F.P.	S.I.P.				
ABANDONMENT PLUGS	No.	Interval	Cement	Additive	Plug Down	Felt At	Time	
LOGS	Type	Int.						
REMARKS	3.00 3.30 HEAD UP B.O.P.'s							
	3.30 3.30 TEST B.O.P.'s							
	3.30 4.00 RUN IN D.C.'s							
	(PRESSURE UP ON BLIND RAMS 1000 PSI. 15 MIN HELD O.K.							
	(PRESSURE UP ON HYDRIL BLIND 1000 P.S.I. 15 MIN HELD O.K.							
	Operator	Driller E. Mill						

	THIRD TOUR 4:00 p.m. — 12:00 p.m.							
DEPTH	Start of Tour		Hole Made This Tour		End of Tour			
	180		42		222			
TIME	On Bottom		Off Bottom		On Bottom		Off Bottom	
	2½		5½					
BIT RECORD	Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.
	9"	1	OSC	Rerun	18	100	42	2½
DRILL PIPE	Size	Stands	Singles	Drill Collar		Kelly		Core Bbl.
				189.23		40.50		
MUD RECORD	Time	Weight	Vis.	Gel Str.	pH	Am't Added		Kind
	11.00		89		12	3500 LBS.		GEL
					GYPAN	25 LBS	100 LBS	RAYFLO CAUSTIC
CORING	Time	Interval		Ft. Cut	Ft. Rec'd	Type		
SURVEY	Depth	Degrees Off	Depth	Degrees Off				
CASING RUN	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives
PERFORATING	Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type		
ACIDIZING or FRACING	Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.		
DRILL STEM TESTS	No.	Interval Tested		to				
	Valve Open	min.	Shut in	mins.				
	Gas to Surface	min.	@	Mcf/d Max.				
	Oil to Surface	min.	@	Bbl/d Max.				
	Recovery:	ft.						
		ft.						
		ft.						
	I.S.I.P.	H.P.	F.P.	S.I.P.				
ABANDONMENT PLUGS	No.	Interval	Cement	Additive	Plug Down	Felt At	Time	
LOGS	Type	Int.						
REMARKS	4-4.30 Run in 222' 5 Jts HWDP 30 gls							
	4.30 4.45 Pressure Shaffer 4½ 600# OK.							
	4.45-5 " Hydril 4½ 600# OK							
	5 5.15 Drill out Plugs & Shoe @ 600'							
	5.15 5.30 Remove Plug from Flow line Test Formation							
	5.30 7.45 Drill 8" Hole							
	7.45 12. Clean Tank Displace Hole Mud							
	Operator	Driller						

Form ED-519.

COMPANY D. Todd Briggs

CONTRACTOR P. Bowden Drlg. Ltd. RIG No. 11

DAILY REPORT

Name of Well CROFTS N.E. Rollit Loc. No. 1

DATE Jan. 29, 59

BOARD COPY (TO BE SENT TO BOARD FIELD OFFICE)

K. B. Elev. 933.10

(1)

	FIRST TOUR 12:00 p.m. — 8:00 a.m.							
DEPTH	Start of Tour	Hole Made This Tour	End of Tour					
	12.20	REAMED 75'	87					
TIME	On Bottom	Off Bottom	On Bottom	Off Bottom				
	6 1/2	1 1/2						
BIT RECORD	Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.
	15"	3A RETip	OSC-3	FAIR	8000	125	87	10
DRILL PIPE	Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.		
	4 1/2			2-42.05'	43.07			
MUD RECORD	Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind	
	2 00		55			300#	Gel	
	4 00		70					
CORING	Time	Interval		Ft. Cut	Ft. Rec'd	Type		
SURVEY	Depth	Degrees Off	Depth	Degrees Off				
CASING RUN	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives
PERFORATING	Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type		
ACIDIZING or FRACING	Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.		
DRILL STEM TESTS	No.	Interval Tested	to					
	Valve Open	min.	Shut in	mins.				
	Gas to Surface	min. @	Mcf/d Max.					
	Oil to Surface	min. @	Bbl/d Max.					
	Recovery:	ft.						
		ft.						
		ft.						
	I.S.I.P.	H.P.	F.P.	S.I.P.				
ABANDONMENT PLUGS	No.	Interval	Cement	Additive	Plug Down	Felt At	Time	
LOGS	Type	Int.						

REMARKS

1200 - 12 15 - Circulate Heavy Mud.
12 00 - 3 30 - Reaming 15" Hole.
3 30 - 4 00 Weld Flow Nipple in Conductor Pipe.
4 00 - 6 30 - Reaming 15" Hole
6 30 - 7 15 - Pick up Drill Collars - Blow Kelly
7 15 - 8 00 Reaming 15" Hole

Operator — Driller M. Carter

	SECOND TOUR 8:00 a.m. — 4:00 p.m.							
DEPTH	Start of Tour	Hole Made This Tour REAMED	End of Tour					
	87	18	105					
TIME	~~On Bottom~~ REAMED	Off Bottom	On Bottom	Off Bottom				
	1 1/2	6 3/4						
BIT RECORD	Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld. REAMED	Bit-hrs.
	15	3A-RT.	OSC-3	8000	3	125	105 7 3/4	
DRILL PIPE	Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.		
			2		DOWN 38.28			
MUD RECORD	Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind	
	9 00		70					
CORING	Time	Interval		Ft. Cut	Ft. Rec'd	Type		
SURVEY	Depth	Degrees Off	Depth 4 40	Degrees Off				
CASING RUN	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives
	10 3/4	163.68 FT.	175.43	32.75	NEW	J55	115 SAX.	2% CaCl A2
		CEMENT CIRCULATED TO SURF-OFF						
PERFORATING	Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type		
ACIDIZING or FRACING	Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.		
DRILL STEM TESTS	No.	Interval Tested	to					
	Valve Open	min.	Shut in	mins.				
	Gas to Surface	min. @	Mcf/d Max.					
	Oil to Surface	min. @	Bbl/d Max.					
	Recovery:	ft. 1 00 1 12 Circ Casing						
		ft. 1 12 1 40 Cement Casing & Hump Down Plug						
		ft. 1 40 2 00 W/O/C.						
	I.S.I.P.	H.P.	F.P.	S.I.P.				
ABANDONMENT PLUGS	No.	Interval	Cement	Additive	Plug Down	Felt At	Time	
LOGS	Type	Int.						

REMARKS

8 00 8 15 Rig Service (Plug Down @ 1 40 P.M.)
8 15 9 30 Reaming 15" Hole
9 30 9 45 Pull Out To Change Bits
9 45 10 15 Run In w/13 3/4" Bit Clean Out To Bottom.
10 15 10 30 Circ To Run Casing
10 30 11 00 Pull Out To Run Casing
11 00 11 30 Rig To Run Casing
11 30 1 00 Run 10 3/4" Casing

Operator — Driller E. Mill.

	THIRD TOUR 4:00 p.m. — 12:00 p.m.							
DEPTH	Start of Tour	Hole Made This Tour	End of Tour					
	180	—	180					
TIME	On Bottom	Off Bottom 8	On Bottom	Off Bottom				
BIT RECORD	Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.
DRILL PIPE	Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.		
MUD RECORD	Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind	
CORING	Time	Interval		Ft. Cut	Ft. Rec'd	Type		
	no	JSS IN THIS WEIGHT						
SURVEY	Depth	Degrees Off	Depth	Degrees Off				
CASING RUN	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives
PERFORATING	Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type		
ACIDIZING or FRACING	Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.		
DRILL STEM TESTS	No.	Interval Tested	to					
	Valve Open	min.	Shut in	mins.				
	Gas to Surface	min. @	Mcf/d Max.					
	Oil to Surface	min. @	Bbl/d Max.					
	Recovery:	ft.						
		ft.						
		ft.						
	I.S.I.P.	H.P.	F.P.	S.I.P.				
ABANDONMENT PLUGS	No.	Interval	Cement	Additive	Plug Down	Felt At	Time	
LOGS	Type	Int.						

REMARKS

6-12 Circ C.

Operator — Driller J. Pepe

Form ED-19.

DAILY REPORT

BOARD COPY (TO BE SENT TO BOARD FIELD OFFICE) (6)

COMPANY D. Todd Briggs

DATE Jan 28, 59

CONTRACTOR Peter Brawden Drilling Ltd. RIG No. 11

Name of Well Rabit Lake N.E. No. 1 K. B. Elev. 11.26' (23.5')

FIRST TOUR 12:00 p.m. — 8:00 a.m.

DEPTH

Start of Tour	Hole Made This Tour	End of Tour
0	Reamed 22	22

TIME

On Bottom	Off Bottom	On Bottom	Off Bottom
~~On Bottom~~ Reamed 3½	4½		

BIT RECORD

Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.
15"	3-A	R.T.	OSC-3	Good	All	80	22	3½

DRILL PIPE

Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.

MUD RECORD

Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind
3⁰⁰		55				

CASING

Time	Interval	Ft. Cut	Ft. Rec'd	Type

SURVEY

Depth	Degrees Off	Depth	Degrees Off

CASING RUN

Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives

PERFORATING

Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type

ACIDIZING or FRACING

Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.

DRILL STEM TESTS

No. Interval Tested to

Valve Open min. Shut in mins.

Gas to Surface min. @ Mcf/d Max.

Oil to Surface min. @ Bbl/d Max.

Recovery: ft.

ft.

ft.

I.S.I.P. H.P. F.P. S.I.P.

ABANDONMENT PLUGS

No.	Interval	Cement	Additive	Plug Down	Felt At	Time

LOGS Type Int.

REMARKS

12⁰⁰/12¹³ Finish Laying Down 10¾" Casing
12¹³/1⁰⁰ Rig Up To Ream W/15" Bit & Blew Kelly
1⁰⁰ 4³⁰ Reaming 13" Hole (Leak In Conductor Pipe)
4³⁰/6⁰⁰ Clean Around Condt. Pipe & Attempt To Patch (Failed)
6⁰⁰ 8⁰⁰ Tear Out Flow Line, Cut Of Conductor Pipe
Clean Out Around Cellar, Prepair To Set New Conductor Pipe

Operator [signature] Driller H. Carter

SECOND TOUR 8:00 a.m. — 4:00 p.m.

Start of Tour	Hole Made This Tour	End of Tour
180	0	180

On Bottom	Off Bottom	On Bottom	Off Bottom
0	8		

Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.

Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.

Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind

Time	Interval	Ft. Cut	Ft. Rec'd	Type

Depth	Degrees Off	Depth	Degrees Off

Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives
10¾	163.08	175.43	32.75	211	J-55	115	2% CaCl2
	12.20 From K.B. To Casing Bowl						Flange

Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type

Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.

No. Interval Tested to

Valve Open min. Shut in mins.

Gas to Surface min. @ Mcf/d Max.

Oil to Surface min. @ Bbl/d Max.

Recovery: ft.

ft.

ft.

I.S.I.P. H.P. F.P. S.I.P.

No.	Interval	Cement	Additive	Plug Down	Felt At	Time

Type Int.

8⁰⁰ 1⁰⁰ Clean Out Cellar, Set Cond. Pipe & Cement Same
1⁰⁰ 4⁰⁰ W/O/C.

Ran 42 Sax Cement Around Conductor Pipe

Operator [signature] Driller E. Mill

THIRD TOUR 4:00 p.m. — 12:00 p.m.

Start of Tour	Hole Made This Tour	End of Tour
11.20	Reamed 1'	12.30

On Bottom	Off Bottom	On Bottom	Off Bottom
0	8		

Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.
15"	3A	RR	OSC-3	Burning	—	100	23	3¾

Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.

Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind

Time	Interval	Ft. Cut	Ft. Rec'd	Type

Depth	Degrees Off	Depth	Degrees Off

Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives

Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type

Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.

No. Interval Tested to

Valve Open min. Shut in mins.

Gas to Surface min. @ Mcf/d Max.

Oil to Surface min. @ Bbl/d Max.

Recovery: ft.

ft.

ft.

I.S.I.P. H.P. F.P. S.I.P.

No.	Interval	Cement	Additive	Plug Down	Felt At	Time

Type Int.

~~12~~ 10 W/O/C
10 11³⁰ Thawing Mud Line
11³⁰ 12 Thawing Mud & Reaming

Operator [signature] Driller [signature]

Form ED49.

DAILY REPORT

BOARD COPY
(TO BE SENT TO BOARD FIELD OFFICE)

COMPANY D. Todd Briggs

DATE Jan 27, 59

CONTRACTOR Peter Bowden Drilling Ltd. RIG No. 11

Name of Well Rabbit Lake N.E. No. 1 K. B. Elev. 11.26'

(5)

	FIRST TOUR 12:00 p.m. — 8:00 a.m.				SECOND TOUR 8:00 a.m. — 4:00 p.m.				THIRD TOUR 4:00 p.m. — 12:00 p.m.			
DEPTH	Start of Tour	Hole Made This Tour		End of Tour	Start of Tour	~~Hole Made This Tour~~ REAMED		End of Tour	Start of Tour	Hole Made This Tour		End of Tour
	180	—		180.	0	90		90	90	90		180
TIME	On Bottom	Off Bottom	On Bottom	Off Bottom	On Bottom	Off Bottom	On Bottom	Off Bottom	On Bottom	Off Bottom	On Bottom	Off Bottom
		8										
BIT RECORD	Size / No. / Type / Condition / Pt. Wt. / R.P.M. / Ft. Dld. / Bit-hrs.											
					13 3/4 / 1A. / O.S.C-3 / IN / / 100 / 90 REAM / 3				13 3/4 / 1-A / OSC-3 / FAIR / 2 / 100 / 105 REAM / 7 7/8 3/4			
									13 3/4 / 2-A / REED / / 2 / 200 / 75 / 4 1/4			
DRILL PIPE	Size / Stands / Singles / Drill Collar / Kelly / Core Bbl.											
										5 155.48	DOWN 19.85	
MUD RECORD	Time / Weight / Vis. / Gel Str. / pH / Am't Added / Kind											
	5 00		75		3 00		40		1750 LBS. POLY GEL	6 00		74
				900 LBS POLY GEL								
				75 LBS CAUSTIC								
CASING	Time / Interval / Ft. Cut / Ft. Rec'd / Type											
SURVEY	Depth / Degrees Off / Depth / Degrees Off											
CASING RUN	Size / Amount / Set @ K.B. / Wt./Ft. / New/Used / Gde / Cement / Additives											
PERFORATING	Interval / Shot/Ft. / Type / Interval / Shot/Ft. / Type											
ACIDIZING or FRACING	Interval / Amount Gals. / Kind / Breakdown Press. / Final Press. / Feed Rate Bbls./Min.											
DRILL STEM TESTS	No. / Interval Tested / to											
	Valve Open / min. / Shut in / mins.											
	Gas to Surface / min. / @ / Mcf/d Max.											
	Oil to Surface / min. / @ / Bbl/d Max.											
	Recovery: / ft. / ft. / ft.											
	I.S.I.P. / H.P. / F.P. / S.I.P.											
ABANDONMENT PLUGS	No. / Interval / Cement / Additive / Plug Down / Felt At / Time											
LOGS	Type / Int.											
REMARKS	12 00 - 1 00 BREAK CIRC, TONG CASING (FAIL TO GO DOWN) 1 00 - 1 30 LAY DOWN 10 3/4 CASING 2 JOINTS 1 30 - 4 30 MIX CEMENT & POUR FOR CONDUCTOR PIPE. 4 30 - 8 00 W/O/C. AROUND COND. PIPE. RAN 20 SAX. CEMENT AROUND COND. PIPE " 8 " INSIDE " " Operator Art Whittington Driller H. Carter.				8 00 - 1 00 W/O/C. 1 00 - 4 00 REAMING OUT 13 3/4" HOLE Operator Art Whittington Driller A. Mill				4 00 4 15 RIG SERVICE 4 15 5 00 REAMING OUT 13 3/4" HOLE 5 00 5 30 PULL OUT CHANGE BITS TRIP IN 5 30 9 13 REAMING 13 3/4" HOLE 9 13 10 00 BLOW KELLY 10 00 10 43 PULL OUT TO RUN CASING 10 43 11 12 RIG TO RUN CASING 11 12 12 00 ATTEMPED TO RUN CASING FAILED Operator Art Whittington Driller G Payne			

Form ED-49.

DAILY REPORT

BOARD COPY
(TO BE SENT TO BOARD FIELD OFFICE)

(4)

COMPANY D. Todd Briggs

DATE Jan. 26, 59

CONTRACTOR Peter Bawden Drilling Ltd. RIG No. 11

Name of Well Rabbit Lake N.E. No. 1 K. B. Elev. 1126

	FIRST TOUR 12:00 p.m. — 8:00 a.m.							
DEPTH	Start of Tour: 74	Hole Made This Tour: 52	End of Tour: 126					
TIME	On Bottom: 6½	Off Bottom: 1½	On Bottom:	Off Bottom:				
BIT RECORD	Size: 13¾	No.: 1-A	Type: OSC-3	Condition: IN	Pt. Wt.: 4½	R.P.M.: 120	Ft. Dld.: 126	Bit-hrs.: 23¼
DRILL PIPE	Size:	Stands:	Singles:	Drill Collar: 3/ 93.20'	Kelly: DOWN 22.13	Core Bbl.:		
MUD RECORD	Time: 2⁰⁰	Weight: #	Vis.: 45	Gel Str.:	pH:	Am't Added: 500 LBS	Kind: POLY GEL	
	Time: 7⁰⁰	Weight:	Vis.: 50	Gel Str.:	pH:	Am't Added:	Kind:	
CORING	Time	Interval	Ft. Cut	Ft. Rec'd	Type			
SURVEY	Depth: 62'	Degrees Off: ½°	Depth:	Degrees Off:				
CASING RUN	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives
PERFORATING	Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type		
ACIDIZING or FRACING	Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.		
DRILL STEM TESTS	No.	Interval Tested	to					
	Valve Open	min.	Shut in	mins.				
	Gas to Surface	min.	@	Mcf/d Max.				
	Oil to Surface	min.	@	Bbl/d Max.				
	Recovery:	ft.						
		ft.						
		ft.						
	I.S.I.P.	H.P.	F.P.	S.I.P.				
ABANDONMENT PLUGS	No.	Interval	Cement	Additive	Plug Down	Felt At	Time	
LOGS	Type	Int.						
REMARKS	11⁰⁰ 12³⁰ Rig Service & Pick Up D.C. No 2.							
	12³⁰ 5⁰⁰ Drilling 13¾" Hole							
	5⁰⁰ 5³⁰ Break Kelly, Drop Survey & Pick Up D.C. No 3							
	5³⁰ 7³⁰ Drilling 13¾" Hole							
	7³⁰ 8⁰⁰ Work On Pump							

Operator A. W. Ewing Driller H. Carter

	SECOND TOUR 8:00 a.m. — 4:00 p.m.							
DEPTH	Start of Tour: 126	Hole Made This Tour: 52	End of Tour: 178					
TIME	On Bottom: 7	Off Bottom: 1	On Bottom:	Off Bottom:				
BIT RECORD	Size: 13¾	No.: 1-A	Type: OSC-3	Condition: IN	Pt. Wt.: 5	R.P.M.: 130	Ft. Dld.: 178	Bit-hrs.: 30¼
DRILL PIPE	Size:	Stands:	Singles:	Drill Collar: 3/ 155.48'	Kelly: DOWN 17.85	Core Bbl.:		
MUD RECORD	Time: 9⁰⁰	Weight:	Vis.: 52	Gel Str.:	pH:	Am't Added: 700 LBS	Kind: POLY BEL	
	Time: 3⁰⁰	Weight:	Vis.: 56	Gel Str.:	pH:	Am't Added:	Kind:	
CORING	Time	Interval	Ft. Cut	Ft. Rec'd	Type			
SURVEY	Depth: 90'	Degrees Off: 0°	Depth:	Degrees Off:				
CASING RUN	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives
PERFORATING	Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type		
ACIDIZING or FRACING	Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.		
DRILL STEM TESTS	No.	Interval Tested	to					
	Valve Open	min.	Shut in	mins.				
	Gas to Surface	min.	@	Mcf/d Max.				
	Oil to Surface	min.	@	Bbl/d Max.				
	Recovery:	ft.						
		ft.						
		ft.						
	I.S.I.P.	H.P.	F.P.	S.I.P.				
ABANDONMENT PLUGS	No.	Interval	Cement	Additive	Plug Down	Felt At	Time	
LOGS	Type	Int.						
REMARKS	8⁰⁰ 8¹⁵ Rig Service							
	8¹⁵ 9⁴⁵ Drilling 13¾" Surface Hole							
	9⁴⁵ 10³⁰ Drop Survey & Recover Same							
	10³⁰ 4⁰⁰ Drilling 13¾" Surface Hole							

Operator A. W. Ewing Driller E. Mill

	THIRD TOUR 4:00 p.m. — 12:00 p.m.							
DEPTH	Start of Tour: 178	Hole Made This Tour: 2	End of Tour: 180					
TIME	On Bottom: ¼	Off Bottom: 7	On Bottom:	Off Bottom:				
BIT RECORD	Size: 13¾	No.: 1-A	Type: OSC-3	Condition: FAIR	Pt. Wt.: 5	R.P.M.: 130	Ft. Dld.: 180	Bit-hrs.: 30½
DRILL PIPE	Size:	Stands:	Singles:	Drill Collar: 3/ 155.48	Kelly: DOWN 19.85	Core Bbl.:		
MUD RECORD	Time: 5⁰⁰	Weight:	Vis.: 55	Gel Str.:	pH:	Am't Added: 350 LBS	Kind: POLY BEL	
	Time: 11⁰⁰	Weight:	Vis.: 150	Gel Str.:	pH:	Am't Added:	Kind:	
CORING	Time	Interval	Ft. Cut	Ft. Rec'd	Type			
SURVEY	Depth	Degrees Off:	Depth	Degrees Off:				
CASING RUN	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives
PERFORATING	Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type		
ACIDIZING or FRACING	Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.		
DRILL STEM TESTS	No.	Interval Tested	to					
	Valve Open	min.	Shut in	mins.				
	Gas to Surface	min.	@	Mcf/d Max.				
	Oil to Surface	min.	@	Bbl/d Max.				
	Recovery:	ft.						
		ft.						
		ft.						
	I.S.I.P.	H.P.	F.P.	S.I.P.				
ABANDONMENT PLUGS	No.	Interval	Cement	Additive	Plug Down	Felt At	Time	
LOGS	Type	Int.						
REMARKS	4⁰⁰-4¹² Drilling 13¾" Hole							
	4¹² 4³⁰ Hook Pump Up In Cellar Leaking In Formation							
	4³⁰ 4⁴⁵ Trip Out To Mix Heavy Mud							
	4⁴⁵ 7⁰⁰ Repair Frozen Mud Lines, Mix Mud.							
	7⁰⁰ 9³⁰ Readying For Casing							
	9²⁰ 9⁴⁵ Run In Circ. Leak Around Cond. Pipe							
	9⁴⁵ 10⁰⁰ Pull Out To Run Casing.							
	10⁰⁰ 10³⁰ Rig To Run Casing							
	6³⁰-12⁰⁰ Run Casing							

Operator A. W. Ewing Driller L. Payne.

Form ED-19.

DAILY REPORT

BOARD COPY
(TO BE SENT TO BOARD FIELD OFFICE)

(3)

COMPANY D. TODD BRIGGS

DATE JAN 25, 58

CONTRACTOR PETER BAWDEN DRILLING LTD. RIG No. 11

Name of Well RABBIT LAKE NE. No. 1 K. B. Elev. 11.26

FIRST TOUR 12:00 p.m. — 8:00 a.m

SECOND TOUR 8:00 a.m. — 4:00 p.m.

THIRD TOUR 4:00 p.m. — 12:00 p.m.

DEPTH

	Start of Tour	Hole Made This Tour	End of Tour
FIRST TOUR	0	18	18
SECOND TOUR	18	15	33
THIRD TOUR	33	41	74

TIME

	On Bottom	Off Bottom	On Bottom	Off Bottom
FIRST TOUR	3	5		
SECOND TOUR	6 3/4	1 1/4		
THIRD TOUR	7	1		

BIT RECORD

	Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.
FIRST TOUR	13 3/4	1-A	OSC-3	IN		80	18	3
SECOND TOUR	13 3/4	1-A	OSC-3	IN	ALL	120	33	9 3/4
THIRD TOUR	13 3/4	1-A	OSC-3	IN	4	190	74	16 3/4

DRILL PIPE

	Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.
FIRST TOUR						
SECOND TOUR						
THIRD TOUR						

MUD RECORD

	Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind
FIRST TOUR	3^{00}		42			800 LBS	POLY-GEL
	7^{00}		48			50 LBS.	CAUSTIC
SECOND TOUR	8^{00}		47				
	3^{00}		48				
THIRD TOUR	5^{00}		43				
	11^{00}	8.9	43				

C[illegible]NG

	Time	Interval	Ft. Cut	Ft. Rec'd	Type
FIRST TOUR					
SECOND TOUR					
THIRD TOUR					

SURVEY

	Depth	Degrees Off	Depth	Degrees Off
FIRST TOUR				
SECOND TOUR				
THIRD TOUR				

CASING RUN

	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives
FIRST TOUR								
SECOND TOUR								
THIRD TOUR								

PERFORATING

	Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type
FIRST TOUR						
SECOND TOUR						
THIRD TOUR						

ACIDIZING or FRACING

	Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.
FIRST TOUR						
SECOND TOUR						
THIRD TOUR						

DRILL STEM TESTS

FIRST TOUR
No. Interval Tested to
Valve Open min. Shut in mins.
Gas to Surface min. @ Mcf/d Max.
Oil to Surface min. @ Bbl/d Max.
Recovery: ft.
ft.
ft.
I.S.I.P. H.P. F.P. S.I.P.

SECOND TOUR
No. Interval Tested to
Valve Open min. Shut in mins.
Gas to Surface min. @ Mcf/d Max.
Oil to Surface min. @ Bbl/d Max.
Recovery: ft.
ft.
ft.
I.S.I.P. H.P. F.P. S.I.P.

THIRD TOUR
No. Interval Tested to
Valve Open min. Shut in mins.
Gas to Surface min. @ Mcf/d Max.
Oil to Surface min. @ Bbl/d Max.
Recovery: ft.
ft.
ft.
I.S.I.P. H.P. F.P. S.I.P.

ABANDONMENT PLUGS

	No.	Interval	Cement	Additive	Plug Down	Felt At	Time
FIRST TOUR							
SECOND TOUR							
THIRD TOUR							

LOGS

	Type	Int.
FIRST TOUR		
SECOND TOUR		
THIRD TOUR		

REMARKS

FIRST TOUR
12^{00} - 12^{15} RIG SERVICE
12^{15} - 1^{00} FINISH DRILLING RAT HOLE & BLOW KELLY
1^{00} - 5^{00} WELD & RIG UP CONDUCTOR PIPE CONDITON MUD.
5^{00} - 8^{00} DRILLING SURFACE - 13 3/4" HOLE

Operator A.R. Whiting Driller H. Carter

SECOND TOUR
8^{00} - 8^{15} RIG SERVICE
8^{15} - 3^{00} DRILLING 13 3/4" SURFACE HOLE
3^{00} - 4^{00} WELD HOLE IN CONDUCTOR PIPE

Operator A.R. Whiting Driller A. Mill

THIRD TOUR
4^{00} - 4^{15} RIG SERVICE & FINISH WELDING CONDUCTOR PIPE
4^{15} - 5^{15} DRILLING SURFACE HOLE
5^{15} - 5^{30} TIGHTEN UNION ON KELLY HOSE
5^{30} - 8^{30} DRILLING SURFACE HOLE
8^{30} WORK ON CONDUCTOR PIPE TO FIND LEAKS
9^{00} LEAKING THROUGH FORMATION
9^{00} 12^{00} DRILLING SURFACE HOLE

Operator A.R. Whiting Driller G. Payne

Form ED-19

DAILY REPORT

BOARD COPY
(TO BE SENT TO BOARD FIELD OFFICE)

②

COMPANY D. Todd Briggs

DATE Jan 24/59

CONTRACTOR P. Bawden Drilling RIG No. 11

Name of Well Rabbit Lake N.E. No. 1

K. B. Elev.

FIRST TOUR 12:00 p.m. — 8:00 a.m

DEPTH

Start of Tour	Hole Made This Tour	End of Tour

TIME

On Bottom	Off Bottom	On Bottom	Off Bottom

BIT RECORD

Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.

DRILL PIPE

Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.

MUD RECORD

Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind

CORING

Time	Interval	Ft. Cut	Ft. Rec'd	Type

SURVEY

Depth	Degrees Off	Depth	Degrees Off

CASING RUN

Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives

PERFORATING

Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type

ACIDIZING or FRACING

Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.

DRILL STEM TESTS

No. Interval Tested to

Valve Open min. Shut in mins.

Gas to Surface min. @ Mcf/d Max.

Oil to Surface min. @ Bbl/d Max.

Recovery: ft.

ft.

ft.

I.S.I.P. H.P. F.P. S.I.P.

ABANDONMENT PLUGS

No.	Interval	Cement	Additive	Plug Down	Felt At	Time

LOGS

Type	Int.

REMARKS

12^{00} - 5^{00} Remedying RatHole Digger.
5^{00} - 6^{00} Install Same!
6^{00} - 7^{00} Blow Kelly + work on Digger
7^{00} - 7^{30} Repair Steam Line.
7^{30} - 9^{00} Digging Rat Hole - Had a wash out in conductor pipe in Rat Hole

Operator

Driller G. Payne

SECOND TOUR 8:00 a.m. — 4:00 p.m.

DEPTH

Start of Tour	Hole Made This Tour	End of Tour

TIME

On Bottom	Off Bottom	On Bottom	Off Bottom

BIT RECORD

Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.

DRILL PIPE

Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.

MUD RECORD

Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind
10^{00}		60			Gel - 650# WATERY	

CORING

Time	Interval	Ft. Cut	Ft. Rec'd	Type

SURVEY

Depth	Degrees Off	Depth	Degrees Off

CASING RUN

Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives

PERFORATING

Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type

ACIDIZING or FRACING

Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.

DRILL STEM TESTS

No. Interval Tested to

Valve Open min. Shut in mins.

Gas to Surface min. @ Mcf/d Max.

Oil to Surface min. @ Bbl/d Max.

Recovery: ft.

ft.

ft.

I.S.I.P. H.P. F.P. S.I.P.

ABANDONMENT PLUGS

No.	Interval	Cement	Additive	Plug Down	Felt At	Time

LOGS

Type	Int.

REMARKS

8^{00} - 12^{00} Work on Conductor Pipe.
12^{00} - 4^{00} Drilling Rat Hole.

Operator

Driller H. Carter

THIRD TOUR 4:00 p.m. — 12:00 p.m.

DEPTH

Start of Tour	Hole Made This Tour	End of Tour

TIME

On Bottom	Off Bottom	On Bottom	Off Bottom

BIT RECORD

Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.

DRILL PIPE

Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.

MUD RECORD

Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind
					250#	Gel

CORING

Time	Interval	Ft. Cut	Ft. Rec'd	Type

SURVEY

Depth	Degrees Off	Depth	Degrees Off

CASING RUN

Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives

PERFORATING

Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type

ACIDIZING or FRACING

Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.

DRILL STEM TESTS

No. Interval Tested to

Valve Open min. Shut in mins.

Gas to Surface min. @ Mcf/d Max.

Oil to Surface min. @ Bbl/d Max.

Recovery: ft.

ft.

ft.

I.S.I.P. H.P. F.P. S.I.P.

ABANDONMENT PLUGS

No.	Interval	Cement	Additive	Plug Down	Felt At	Time

LOGS

Type	Int.

REMARKS

4^{00} - 4^{15} Rig Service
4^{15} - 12^{00} Drilling Rat Hole

Operator

Driller E. mill

Form ED-19.

COMPANY D. Todd. Briggs

CONTRACTOR P. Bawden Drilling RIG No. 11

DAILY REPORT

DATE Jan 23/ 59

BOARD COPY
(TO BE SENT TO BOARD
FIELD OFFICE)

①

Name of Well RabbiT LAKE N.E. No1 No. 1 K. B. Elev. 1167

FIRST TOUR 12:00 p.m. — 8:00 a.m

DEPTH

Start of Tour	Hole Made This Tour	End of Tour

TIME

On Bottom	Off Bottom	On Bottom	Off Bottom

BIT RECORD

Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.

DRILL PIPE

Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.

MUD RECORD

Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind

CORING

Time	Interval	Ft. Cut	Ft. Rec'd	Type

SURVEY

Depth	Degrees Off	Depth	Degrees Off

CASING RUN

Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives

PERFORATING

Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type

ACIDIZING or FRACING

Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.

DRILL STEM TESTS

No. Interval Tested to
Valve Open min. Shut in mins.
Gas to Surface min. @ Mcf/d Max.
Oil to Surface min. @ Bbl/d Max.
Recovery: ft.
ft.
ft.
I.S.I.P. H.P. F.P. S.I.P.

ABANDONMENT PLUGS

No.	Interval	Cement	Additive	Plug Down	Felt At	Time

LOGS

Type Int.

REMARKS

8^{200} - 8^{00}

Rig up

Operator Driller H. Carter

SECOND TOUR 8:00 a.m. — 4:00 p.m.

DEPTH

Start of Tour	Hole Made This Tour	End of Tour

TIME

On Bottom	Off Bottom	On Bottom	Off Bottom

BIT RECORD

Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.

DRILL PIPE

Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.

MUD RECORD

Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind

CORING

Time	Interval	Ft. Cut	Ft. Rec'd	Type

SURVEY

Depth	Degrees Off	Depth	Degrees Off

CASING RUN

Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives

PERFORATING

Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type

ACIDIZING or FRACING

Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.

DRILL STEM TESTS

No. Interval Tested to
Valve Open min. Shut in mins.
Gas to Surface min. @ Mcf/d Max.
Oil to Surface min. @ Bbl/d Max.
Recovery: ft.
ft.
ft.
I.S.I.P. H.P. F.P. S.I.P.

ABANDONMENT PLUGS

No.	Interval	Cement	Additive	Plug Down	Felt At	Time

LOGS

Type Int.

REMARKS

8 - 4^{00} Rig up.

Operator Driller G. Payne.

THIRD TOUR 4:00 p.m. — 12:00 p.m.

DEPTH

Start of Tour	Hole Made This Tour	End of Tour

TIME

On Bottom	Off Bottom	On Bottom	Off Bottom

BIT RECORD

Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.

DRILL PIPE

Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.

MUD RECORD

Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind
					Gel $1,3^{00}$ lbs	

CORING

Time	Interval	Ft. Cut	Ft. Rec'd	Type

SURVEY

Depth	Degrees Off	Depth	Degrees Off

CASING RUN

Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives

PERFORATING

Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type

ACIDIZING or FRACING

Interval	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.

DRILL STEM TESTS

No. Interval Tested to
Valve Open min. Shut in mins.
Gas to Surface min. @ Mcf/d Max.
Oil to Surface min. @ Bbl/d Max.
Recovery: ft.
ft.
ft.
I.S.I.P. H.P. F.P. S.I.P.

ABANDONMENT PLUGS

No.	Interval	Cement	Additive	Plug Down	Felt At	Time

LOGS

Type Int.

REMARKS

4^{00} - 12^{00}

Rig up To Dig Rat HolE

Operator Driller E. mill.

UNITED TESTERS LTD.

1000 - 10th Ave. West — UTL — Calgary, Alberta

Phone CHerry 4-0506

Presqu'ile

TYPE OF TEST Formation

INTERVAL TESTED 2728 - 2748'

HOLE SIZE 9" MUD WT. 10.8

FLUID CUSHION

FLOW PERIOD 60 Mins.

INITIAL SHUT-IN PER 30 Mins.

FINAL SHUT-IN PER 30 Mins.

FLOW Fair initial puff. Small air blow decreasing after 10 mins. to very weak. Weak & intermittent for remainder of test.

FLUID RECOVERY

10 ft. of slightly oil-flecked mud.

TEMP. M.C.F.

SUR. CHOKE BOT. CHOKE 1/2"

TICKET NO. 1355

PRESSURE READINGS

REC. NO. 972 CAP. 7700 DEPTH 2737'

		POINTS
INITIAL HYD.	1579	1
INITIAL SHUT-IN	234	2
INITIAL FLOW	27	3
FINAL FLOW	31	4
FINAL SHUT-IN	59	5
FINAL HYD.	1579	6

PRESSURE READINGS

REC. NO. 943 CAP. 5000 DEPTH 2783'

		POINTS
INITIAL HYD.	1581	1
INITIAL SHUT-IN	240	2
INITIAL FLOW	37	3
FINAL FLOW	40	4
FINAL SHUT-IN	67	5
FINAL HYD.	1581	6

PRESSURES ON BUILD-UP

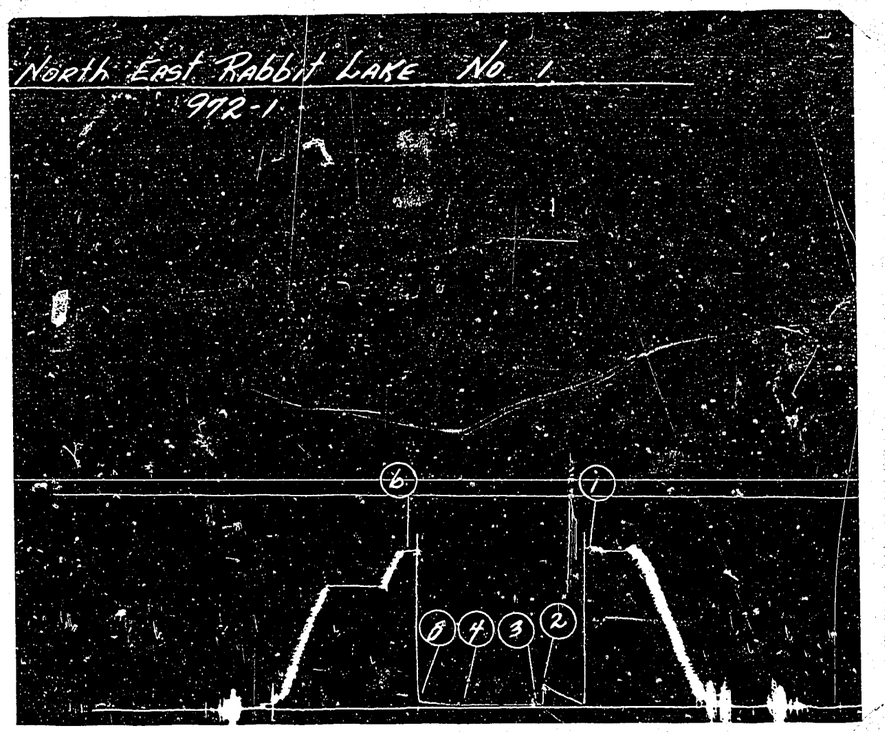
REMARKS

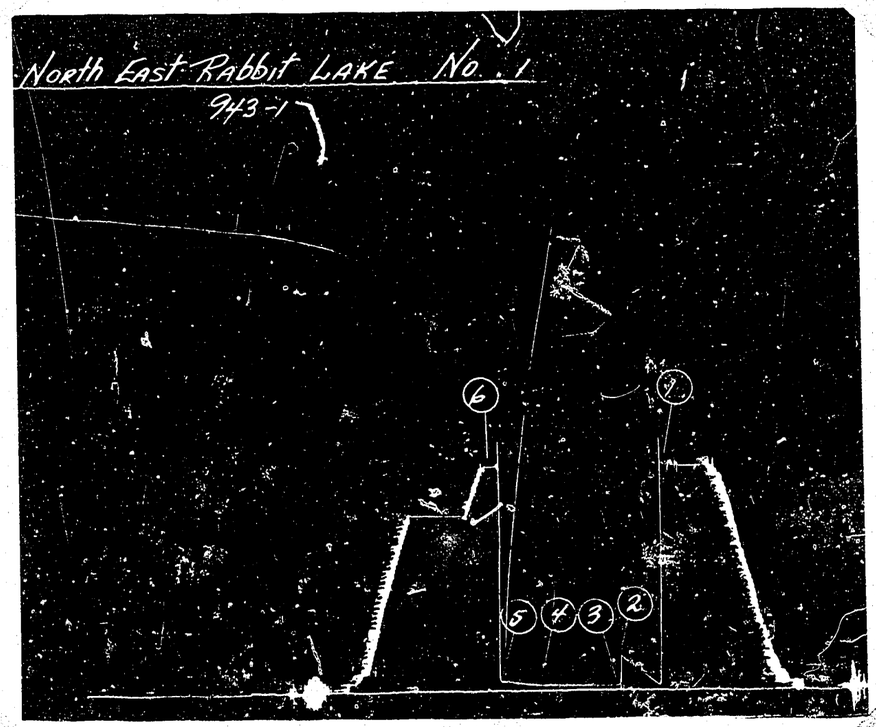
D. Todd Briggs

North East Rabbit Lake No. 1

D. S. T. No. 1

February 9, 1959.





D. Todd Briggs — COMPANY

North East Rabbit Lake No. 1 — WELL NAME AND NUMBER

1 — TEST NO.

Feb. 9/59 — DATE

UNITED TESTERS LTD.

1000 - 10th Ave. West — UTL — Calgary, Alberta

Phone CHerry 4-0506

Prasquile

TYPE OF TEST Formation

INTERVAL TESTED 2622 - 2644'

HOLE SIZE 9" MUD WT. 10.6

FLUID CUSHION

FLOW PERIOD 60 Mins.

INITIAL SHUT-IN PER 30 Mins.

FINAL SHUT-IN PER 30 Mins.

BLOW Good initial puff. Good air blow, steady throughout test.

FLUID RECOVERY 900 ft. of slightly gassy salt water.

TEMP. M.C.F.

SUR. CHOKE BOT. CHOKE 1/2"

TICKET NO. 1356

PRESSURE READINGS

REC. NO. 943 CAP. 5000 DEPTH 2618'

		POINTS
INITIAL HYD.	1510	1
INITIAL SHUT-IN	1155	2
INITIAL FLOW	73	3
FINAL FLOW	442	4
FINAL SHUT-IN	1139	5
FINAL HYD.	1508	6

PRESSURE READINGS

REC. NO. 972 CAP. 7700 DEPTH 2640'

		POINTS
INITIAL HYD.	1517	1
INITIAL SHUT-IN	1169	2
INITIAL FLOW	90	3
FINAL FLOW	448	4
FINAL SHUT-IN	1150	5
FINAL HYD.	1517	6

REMARKS

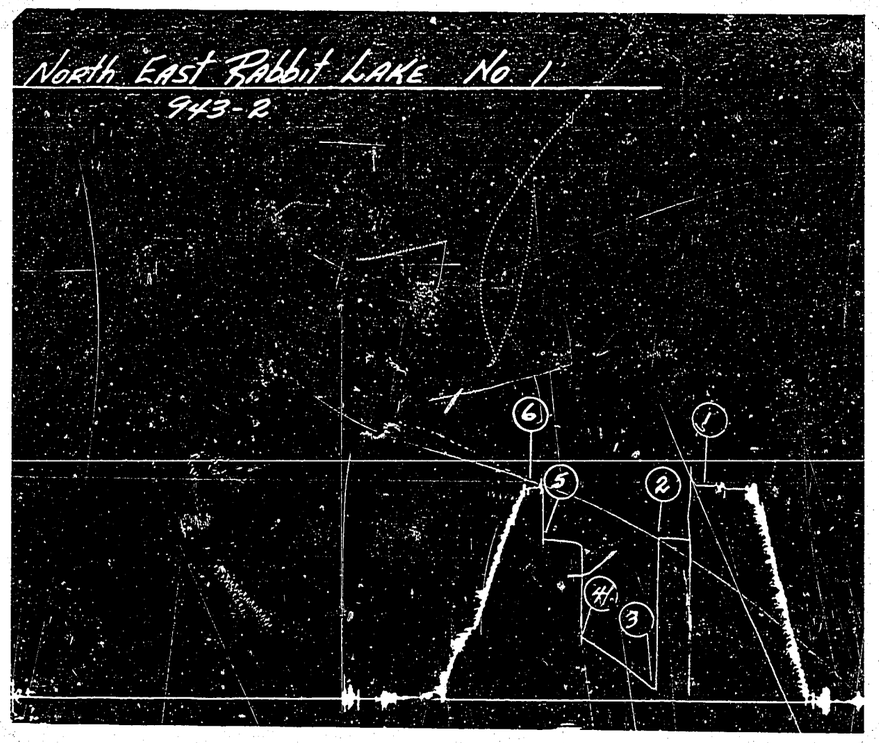
D. Todd Briggs,

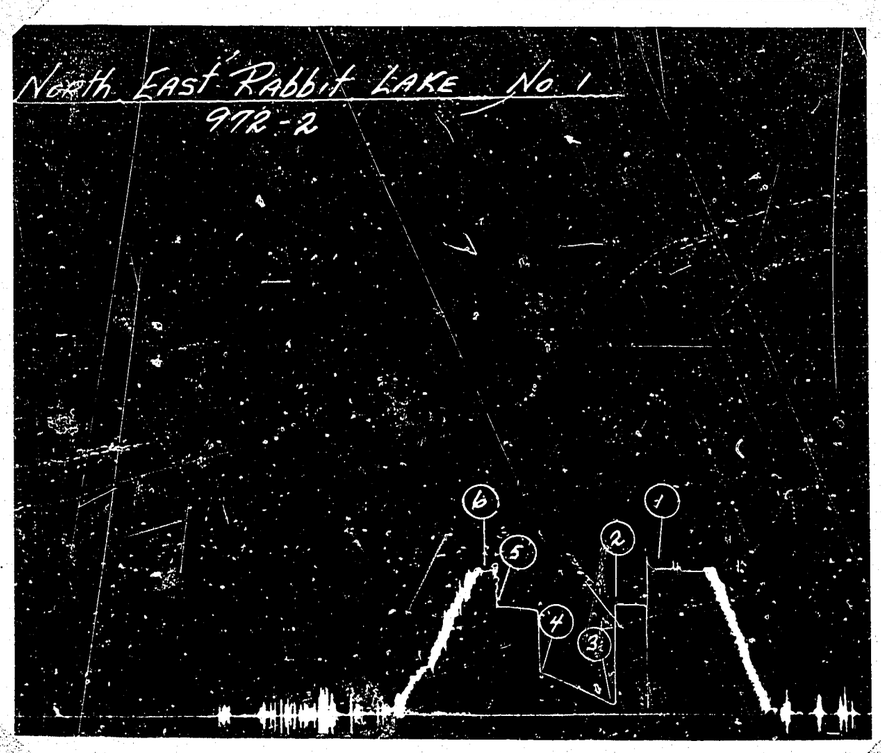
North East Rabbit Lake No. 1

D. S. T. No. 2,

February 11, 1959.

PRESSURES ON BUILD-UP





D. Todd Briggs COMPANY

North East Rabbit Lake No. 1 WELL NAME AND NUMBER

2 TEST NO.

Feb. 11/59 DATE

GEOLOGICAL REPORT

BRIGGS NORTHEAST RABBIT LAKE NO. 1

NORTHWEST TERRITORIES

J. G. SPROULE & ASSOCIATES
GEOLOGICAL & EXPLORATION CONSULTANTS

901 EIGHTH AVENUE WEST
CALGARY — ALBERTA

TELEPHONES
AMHERST 2-4178
AMHERST 2-4374

TABLE OF CONTENTS

SUMMARY OF PERTINENT WELL DATA

Well Name: Briggs Northeast Rabbit Lake No. 1

Location: Latitude 61° 00' 34.11" North
Longitude 118° 35' 09.06" West

Elevation: Ground 921.5'
K. B. 932.7'

Total Depth: 2803'

Operator: A. M. Lloyd

Technical Supervision: J. C. Sproule & Associates
Norman Soul, Geologist

Drilling Contractor: Peter Bawden Drilling Limited

Spudded: January 25, 1959

Completed: February 12, 1959

Status: Plugged and abandoned

Geological Markers:

Age	Formation and Marker	Depth (Feet)	Elevation (Feet)
Upper Devonian	Grumbler	Surface	921
	Simpson	380	553
Middle Devonian	Slave Point	2404	-1471
	Presqu'ile Equivalent	2595	-1662
	Pine Point	2607	-1674
	Dolomite	2740	-1807
	Sandstone	2780	-1847
Precambrian	Granite	2800	-1867

Core Summary:

Core No. 1	2605' to 2634'	Rec. 29'
Core No. 2	2748' to 2765'	Rec. 17'

Drilling Data:

Hole Size	From	To
15"	Surface	105'
13 3/4"	105'	180'
9"	180'	2803'

Deviation Surveys

62 - 1/2°	1582 - 3/4°
90 - .0°	2200 - 2 1/2°
633 - 1/2°	2500 - 2°
1300 - 3/4°	2785 - 1 3/4°

Surface Casing: 4 joints, 163.08' x 10 3/4" x 32.75 lb. new casing cemented at 175.43' K.B. with 115 sx. and 2% calcium chloride by Howco Skid unit, January 29, 1959.

Summary of Drill Stem Tests:

No. 1	2728' - 2748'	V.O. 1 hour. S.I. 30 min. Small air blow. Rec. 10' slightly oil-flecked mud.
No. 2	2622' - 2644'	V.O. 1 hour. S.I. 30 min. Good air blow. Rec. 900' gassy salt water.

Abandonment Plugs:

No. 1	2803' - 2730'	30 sx.
No. 2	2650' - 2575'	30 sx.
No. 3	210' - 150'	30 sx. and 1 sx. calcium chloride.
No. 4	Top of surface casing 5 sx. steel plate welded on top. Well name sign attached 4' above ground level.	

Logs:

Schlumberger	Electrical Log	175' - 2804'
	Microlog	2300' - 2801'
	Gamma Ray-Neutron Log	60' - 2803'

DAILY CHRONOLOGICAL WELL REPORT

Well Name: Briggs Northeast Rabbit Lake No. 1

Location: Latitude 61° 00° 34.11" North
Longitude 118° 35' 09.06" West

(Operations ending 12 midnight)

Date	Total Depth Feet	Progress Feet	Days	Remarks
Jan. 25	74	63	1	Peter Bawden Drilling Limited Rig No. 11 spudded at 5 a.m. Drilling 13 3/4" hole.
Jan. 26	180	106	2	Drilled 13 3/4" hole to 180'. Attempting to run surface casing.
Jan. 27	180	-	3	Laid down surface casing. Re-cemented conductor pipe. Reamed surface hole. Attempting to run casing.
Jan. 28	180	-	4	Laid down surface casing. Reamed surface hole from 13 3/4" to 15" from surface to 23'. Set and cemented new conductor pipe. Reaming surface hole.
Jan. 29	180	-	5	Reamed surface hole to 105'. Cleaned out to bottom. Ran 4 joints of 10 3/4" casing. Cemented 163' casing at 175' with 115 sx. Standing cemented 10 1/2 hours.
Jan. 30	222	42	6	Installed casing bowl and blowout preventers. Pressured up on blowout preventers. Drilled out plug and shoe at 5 p.m. and drilled 9" hole with Bit No. 1 to 222'. Cleaned mud tank and displaced cement-cut mud. Mixing mud.
Jan. 31	810	588	7	Drilled 9" hole to 633' with Bit No. 1. Drilling with Bit No. 2 using 15 drill collars. Losing mud to formation.
Feb. 1	1325	515	8	Drilled to 1300' with Bit No. 2. Worked mud ring 1/2 hour. Ran in with Bit No. 3. Unable to break circulation. Pulled out and unplugged drill collar. Ran in, broke circulation and worked pipe. Drilling 9" hole with Bit No. 3.

Date	Total Depth Feet	Progress Feet	Days	Remarks
Feb. 2	1582	257	9	Drilled to 1582' with Bit No. 3. Ran in with Bit No. 4. Unable to break circulation. Pulled out and unplugged bit. Ran in again with Bit No. 4. Working drill pipe after breaking circulation.
Feb. 3	1928	346	10	Drilled to 1926' with Bit No. 4. Installed new chain in draw works. Measured out of hole. Ran in with Bit No. 5 and reamed tight hole. Drilling 9" hole.
Feb. 4	2388	460	11	Drilled to 2388' with Bit No. 5. Tripping.
Feb. 5	2548	160	12	Ran in with Bit No. 6 and drilled to 2548'. Pulled out of hole. Changing heads and liners in pump.
Feb. 6	2605	57	13	Finished changing heads and liners in pump. Ran in with Bit No. 7 and drilled to 2605'. Pulled out to core. Ran in with core barrel, but unable to break circulation. Pulled out core barrel. Cleaning out and servicing core barrel.
Feb. 7	2634	29	14	Cut Core No. 1 from 2605' to 2634' and recovered same. Ran in with Bit No. 8 and broke circulation. Reaming core hole.
Feb. 8	2740	106	15	Finished reaming core hole and continued drilling to 2710'. Pulled out. Ran in with Bit No. 9 and broke circulation. Drilling 9" hole.
Feb. 9	2765	25	16	Drilled to 2748' with Bit No. 9 and pulled out to test. Ran D.S.T. No. 1 from 2728' to 2748'. Ran in with core barrel and cut Core No. 2 from 2748' to 2765'. Recovered core and laid down core barrel. Running in with Bit No. 9.
Feb. 10	2803 T.D.	38	17	Finished running in with Bit No. 9, reamed core hole and drilled to 2803' T. D. Circulated and pulled out to run Schlumberger logs. Ran electrical log, microlog and gamma ray-neutron log 10 3/4 hours. Laying down drill collars.

Date	Total Depth Feet	Progress Feet	Days	Remarks
Feb. 11	2803 T.D.		18	Ran in with Bit No. 9 and cleaned out to bottom. Pulled out to run test. Ran D.S.T. No. 2 from 2622' to 2644'. Laid down drill collars. Ran in open-ended and set Plug No. 1, 30 sx. from 2803' to 2730' and Plug No. 2, 30 sx. from 2650' to 2575'. Laid down drill pipe. Ran Plug No. 3, 30 sx. and one sack calcium chloride from 210' to 150'. Waiting to feel top of Plug No. 3 1/2 hour.
Feb. 12	-		19	Standing cemented 7 1/2 hours. Felt top of Plug No. 3 at 140'. Rig released at 9 a.m. Tearing out for move to Briggs West Tathlina Lake No. 1.

BIT RECORD

Well Name: Briggs Northeast Rabbit Lake No. 1

Location: Latitude 61° 00' 34.11" North
Longitude 118° 35' 09.06" West

Bit No.	Make	Type	Size	Depth From Feet	Depth To Feet	Footage	Hours
	Hughes	OSC-3	13 3/4"	Sfce.	180	169	30 1/4
	Hughes	OSC-3	15"	Sfce.	105		
1	Hughes	OSC-3	9"	180	633	453	17
2	Hughes	OSC-3	9"	633	1300	667	16 3/4
3	Hughes	OSC-3	9"	1300	1582	282	11 1/2
4	Hughes	OSC-1G	9"	1582	1926	344	14
5	Hughes	OSC-1G	9"	1926	2388	462	20 1/4
6	Hughes	OSC	9"	2388	2548	160	15 1/2
7	Hughes	OSC	9"	2548	2605	57	7 1/4
	Christensen	Diamond	6 1/8"	2605	2634	29	13
8	Hughes	OSC	9"	2634	2710	76	12
9	Hughes	OWV	9"	2710	2748	38	5
	Christensen	Diamond	6 1/8"	2748	2765	17	2 3/4
9	Hughes	OWV	9"	2765	2803	38	4 1/4

MUD RECORD

Well Name: Briggs Northeast Rabbit Lake No. 1

Location: Latitude 61° 00' 34.11" North
Longitude 118° 35' 09.06" West

Date	Depth From Feet	Depth To Feet	Avge. Weight	Avge. Viscosity	Avge. Water Loss	Additives
Jan. 24	Spud Mud		-	-	-	Gel 2200 lb.
Jan. 25	0	74	8.9	43	14.8	Gel 800 lb.; Caustic 50 lb.
Jan. 26	74	180	-	56	15.1	Gel 1550 lb.
Jan. 27	180	180	-	74	-	Gel 2650 lb.
Jan. 28	180	180	-	55	-	-
Jan. 29	180	180	-	70	-	-
Jan. 30	180	222	9.2	39	8.4	Gel 3600 lb.; Cypan 25 lb. Rayflo 100 lb.; Caustic 100 lb.
Jan. 31	222	810	10.0	44	7.0	Gel 900 lb.; Cypan 85 lb. Rayflo 100 lb.; Caustic 25 lb. My-lo-jel 100 lb. Bicarb. 300 lb.
Feb. 1	810	1325	10.0	55	6.6	Gel 300 lb.; Rayflo 350 lb. Caustic 250 lb.; Cypan 125 lb.; My-lo-jel 50 lb.
Feb. 2	1325	1582	11.0	42	6.8	My-lo-jel 100 lb.
Feb. 3	1582	1928	11.0	54	5.4	Gel 2100 lb.; Caustic 25 lb.; Cypan 75 lb.; Ray-flo 100 lb.; My-lo-jel 100 lb.
Feb. 4	1928	2388	10.3	55	5.2	Gel 3800 lb.; Caustic 200 lb.; Ray-flo 250 lb.; Cypan 85 lb. My-lo-jel 150 lb.
Feb. 5	2388	2548	10.7	56	4.8	Caustic 50 lb.; Ray-flo 50 lb.
Feb. 6	2548	2605	10.8	65	5.0	Gel 1400 lb.; Caustic 50 lb.; Ray-flo 50 lb.; Cypan 25 lb.
Feb. 7	2605	2634	10.9	170	4.6	Gel 1200 lb.; Caustic 50 lb.; Ray-flo 50 lb.
Feb. 8	2634	2740	10.8	85	4.8	-
Feb. 9	2740	2765	10.7	85	4.8	Gel 600 lb.
Feb. 10	2765	2803	10.6	77	5.6	Ray-flo 50 lb.; Caustic 50 lb.
Feb. 11	T.D.	T.D.	10.6	85	5.4	-

SURFACE CASING

Well Name: Briggs Northeast Rabbit Lake No. 1

Location: Latitude 61° 00' 34.11" North
Longitude 118° 35' 09.06" West

Casing: Stewarts and Lloyds, 10 3/4" x 32.75#, J55, 8 thread, new

Casing Tally:

No.	Feet
1	42.21
2	43.34
3	35.95
4	41.58
Total	163.08

Total depth of hole	180' K. B.
Size of hole	Surface - 105' 15"
	105' - 180' 13 3/4"
Depth casing set	175.43' K. B.
Amount of cement	115 sx. construction cement
Additions to cement	2 sx. calcium chloride
Service Company	Halliburton Oil Well Cementing Company - skid unit
Date and time of completion	1:40 p.m., Jan. 29, 1959
Cement circulated to surface	
Kelly bushing to casing bowl flange	12.20'

TIME DRILLING RECORD

Well Name: Briggs Northeast Rabbit Lake No. 1

Location: Latitude 61° 00' 34.11" N.
Longitude 118° 35' 09.06" W.

Depth Feet	Time in Minutes	Depth Feet	Time in Minutes
	Drilling Time		
2400 - 2410	1, 1, 1, 1, 3, 2, 2, 2, 3, 2,	2540 - 2550	8, 7, 8, 10, 10, 12, 12, 10, 5, 6,
2410 - 2420	3, 2, 3, 4, 2, 3, 2, 3, 3, 2.	2550 - 2560	6, 12, 9, 5, 11, 8, 7, 9, 8, 6,
2420 - 2430	3, 2, 3, 2, 4, 3, 3, 2, 5, 5,	2560 - 2570	8, 9, 7, 8, 9, 8, 8, 7, 9, 8,
2430 - 2440	5, 5, 6, 5, 6, 7, 7, 5, 4, 3,	2570 - 2580	6, 5, 6, 6, 7, 7, 7, 6, 5, 7,
2440 - 2450	6, 6, 4, 5, 5, 5, 4, 4, 8, 8,	2580 - 2590	6, 7, 7, 6, 8, 6, 7, 8, 6, 7,
2450 - 2460	2, 4, 4, 6, 7, 8, 5, 7, 5, 6,	2590 - 2600	7, 8, 6, 8, 6, 7, 8, 8, 7, 7,
2460 - 2470	5, 5, 7, 7, 7, 7, 9, 6, 7, 7,	2600 - 2605	6, 7, 7, 6, 6,
			Coring Time
2470 - 2480	9, 6, 5, 8, 8, 11, 14, 8, 10, 5,	2605 - 2610	43, 52, 40, 24, 23,
2480 - 2490	9, 5, 6, 8, 6, 8, 6, 7, 8, 6,	2610 - 2620	23, 27, 25, 36, 38, 32, 28, 26, 22, 18,
2490 - 2500	7, 7, 9, 8, 6, 6, 6, 6, 7, 6,	2620 - 2630	16, 20, 20, 20, 19, 21, 21, 21, 19, 20,
2500 - 2510	6, 5, 6, 5, 4, 6, 5, 5, 5, 7,	2630 - 2634	22, 25, 24, 18,
			Drilling Time
2510 - 2520	5, 7, 8, 7, 7, 7, 7, 5, 6, 7,	2634 - 2640	7, 8, 10, 9, 11, 9,
2520 - 2530	4, 5, 6, 6, 6, 5, 7, 6, 9, 8,	2640 - 2650	8, 8, 8, 10, 10, 7, 9, 11, 11, 7,
2530 - 2540	8, 8, 9, 8, 8, 7, 8, 8, 9, 10,	2650 - 2660	7, 8, 10, 9, 8, 9, 9, 10, 7, 7,

Depth Feet	Time in Minutes
2660 - 2670	7, 7, 7, 8, 9, 6, 7, 9. 5, 8,
2670 - 2680	7, 9, 9, 7. 7, 8, 4, 9, 5, 9,
2680 - 2690	9, 11, 11, 11, 10, 10, 6, 5, 10, 12,
2690 - 2700	8, 5, 6, 7, 9, 9, 9, 7, 6, 8,
2700 - 2710	7, 7, 8, 10, 12, 10, 7, 9, 10, 16,
2710 - 2720	8, 8, 9, 9, 7, 8, 9, 9. 10, 9,
2720 - 2730	9, 11, 12, 8, 10, 12, 9, 8, 9, 11,
2730 - 2740	10, 6, 7, 9, 11, 8, 8, 8, 9, 9,
2740 - 2748	4, 2, 3, 2, 3, 5, 6, 2,

Depth Feet	Time in Minutes
	Coring Time
2748 - 2750	8, 12,
2750 - 2760	17, 7, 18, 7, 10, 10, 9, 10, 12, 8,
2760 - 2765	9, 7, 7, 8, 9,
	Drilling Time
2765 - 2770	1, 3, 1, 1, 2,
2770 - 2780	2, 3, 3, 3, 2, 2, 3, 3, 3, 3,
2780 - 2790	4, 3, 3, 3, 4, 3, 5, 6, 6, 8,
2790 - 2800	5, 6, 7, 7, 7, 9, 8, 7, 8, 10,
2800 - 2803	13, 21, 27,

SAMPLE DESCRIPTION

Well Name: Briggs Northeast Rabbit Lake No. 1

Location: Latitude 61° 00' 34.11" N.
Longitude 118° 35' 09.06" W.

Depth Feet	Description
Grumbler Formation - Surface	
Sfce. - 30	Limestone - buff to light grey, microcrystalline to crystalline.
30 - 40	Limestone - grey, mottled, coarsely crystalline, fossiliferous, pyritic, slightly glauconitic.
40 - 60	Limestone - buff to light brown, crystalline, slightly pyritic, traces of fossils.
60 - 80	Limestone - buff to light brownish grey, dense to microcrystalline.
80 - 90	Limestone - buff to light grey, microcrystalline to crystalline, silty.
90 - 100	Limestone - buff to light grey, crystalline, silty.
100 - 120	Limestone - buff, microcrystalline to crystalline.
120 - 130	Limestone - buff, dense to microcrystalline.
130 - 150	Limestone - buff, microgranular to granular, traces of poorly preserved fossils, silty.
150 - 160	Limestone - buff to light grey, crystalline, grading into sandstone, greenish grey, calcareous, very fine-grained, glauconitic.
160 - 170	Sandstone - light greenish grey, very fine-grained, calcareous, glauconitic.
170 - 190	Shale - dark greenish grey, non-calcareous, fissile, interbedded with light greenish grey limy sandstone and silty limestone.
190 - 220	Interbedded limestone - grey, silty, granular and crystalline, and sandstone and shale, as above.

Depth Feet	Description
220 - 260	Siltstone - greenish grey, calcareous, with interbedded limestone, light grey, microcrystalline, very silty.
260 - 280	Siltstone - as above, with interbedded green shale and irregular green shale partings.
280 - 290	Sandstone - light grey, fine-grained, pepper and salt, calcareous with minor interbedded green shale.
290 - 300	Shale - green, calcareous, interbedded with sandstone, as above.
300 - 310	Limestone - light grey to buff, dense to microcrystalline, fossiliferous.
310 - 320	Siltstone - greenish grey, calcareous, grading into limestone, light grey, finely crystalline, fossiliferous.
320 - 350	Siltstone - greenish grey, calcareous, with minor interbedded limestone, grey, microcrystalline, highly fossiliferous.
350 - 360	Siltstone - greenish grey, calcareous, grading into very fine-grained sandstone.
360 - 370	Shale - green, non-calcareous, soft, fissile.
370 - 380	Siltstone - light grey to light greenish grey, calcareous, with interbedded green shale and limestone, light grey, crystalline, fossiliferous, silty.

Simpson Formation 380'

380 - 400	Siltstone - light greenish grey, calcareous, with irregular partings of green shale.
400 - 410	Shale - green, non-calcareous, grades upward into siltstone, as above, minor brown, waxy shale containing microfossils.
410 - 430	Shale - green, as above.
430 - 460	Siltstone - greenish grey, calcareous, micaceous, with interbedded green shale, as above.
460 - 470	Sandstone - grey to light greenish grey, very fine-grained, hard, micaceous, calcareous.

Depth Feet	Description
470 - 500	Sandstone - greenish grey, very fine-grained, micaceous, calcareous, with interbedded green shale, non-calcareous.
500 - 520	Shale - green, non-calcareous with interbedded siltstone, greenish grey, calcareous, micaceous.
520 - 560	As above, with interbedded shale, greyish brown, fissile.
560 - 570	Shale - brown, fissile, abundant microfossils.
570 - 620	Siltstone - grey and greenish grey, shaly, micromicaceous, calcareous, with interbedded shale, green, non-calcareous; minor interbedded light grey silty limestone at 580' - 590'.
620 - 630	As above, with interbedded light grey, silty limestone.
630 - 700	Shale - dark grey, brown and green, non-calcareous, with interbedded grey and greenish grey, calcareous siltstone and grey, silty limestone.
700 - 710	Siltstone - light greenish grey, calcareous.
710 - 720	Limestone - light grey, silty, interbedded with siltstone, greyish green, calcareous, with irregular partings of green shale.
720 - 760	Interbedded shale, green and brown, non-calcareous, and siltstone, greyish green, slightly calcareous, micaceous.
760 - 780	Siltstone - light greenish grey, calcareous, gradational between light greenish grey, very fine-grained, calcareous sandstone and light grey silty limestone; minor brown shale.
780 - 790	Siltstone - light greenish grey, calcareous, interbedded with brown and green shale.
790 - 800	Shale - green and brown, calcareous, with minor interbedded siltstone, as above.
800 - 860	Shale - green, silty, calcareous.
860 - 880	Siltstone - light grey and light greenish grey, calcareous, irregularly interbedded with green shale, as above; minor brown shale.

Depth Feet	Description
880 - 890	Shale - green, calcareous, silty in part, interbedded with siltstone, as above.
890 - 900	Siltstone - light grey and light greenish grey, calcareous, gradational between light grey, very fine-grained, calcareous sandstone and light grey, silty limestone, interbedded with green and brown shale.
900 - 910	Shale - green, calcareous, with minor interbedded siltstone, grey, limy.
910 - 1000	Shale - green, calcareous, minor brown to maroon, non-calcareous shale.
1000 - 1030	Limestone - light grey, microcrystalline, silty.
1030 - 1140	Shale - green, calcareous; limestone, light grey, silty; siltstone, greenish grey, calcareous.
1140 - 1190	Limestone - light to medium grey, microcrystalline, silty, fossiliferous, and limestone, buff, dense to microcrystalline; minor interbedded green shale.
1190 - 1220	Limestone - buff, dense, hard, slightly fossiliferous.
1220 - 1230	Shale - green, slightly calcareous, interbedded with siltstone, greenish grey, calcareous; minor limestone, as above.
1230 - 1240	Limestone - medium grey, argillaceous, silty; minor interbedded green shale and greenish grey siltstone.
1240 - 1260	Siltstone and silty limestone, medium grey to greenish grey; minor interbedded green shale.
1260 - 1270	Limestone - dark greenish grey, granular, sandy, silty, fossiliferous, grading into siltstone and very fine-grained sandstone, calcareous.
1270 - 1280	Limestone - buff, dense, fossiliferous, and limestone, grey and greenish grey, dense to microcrystalline, argillaceous.
1280 - 1300	Limestone - grey to greenish grey, dense to microcrystalline, argillaceous, silty in part; minor green, calcareous shale.
1300 - 1330	Siltstone - grey and greenish grey, limy, grading into silty limestone, as above.

Depth Feet	Description
1330 - 1370	Limestone - grey to greenish grey, argillaceous, silty, grading into limy siltstone, as above; minor interbedded green, calcareous shale.
1370 - 1430	Limestone - buff, dense to cryptocrystalline, slightly argillaceous.
1430 - 1450	Limestone - medium grey to greenish grey, dense to microcrystalline, argillaceous. silty.
1450 - 1460	Limestone - medium grey, silty and argillaceous, minor interbedded bright green, non-calcareous shale.
1460 - 1560	Limestone - as above.
1560 - 1650	Siltstone - grey to greenish grey, calcareous, argillaceous, with interbedded shale, green, calcareous and limestone, grey, silty.
1650 - 1700	Interbedded limy siltstone and silty limestone, as above, argillaceous.
1700 - 1800	Siltstone - greenish grey, calcareous.
1800 - 1900	Siltstone - as above, minor interbedded shale, green, calcareous.
1900 - 1910	Shale - dark greyish green, calcareous with interbedded siltstone, greenish grey, calcareous.
1910 - 1960	Limestone - grey to greenish grey, shaly, interbedded with shale, and siltstone, grey to dark greyish green, calcareous
1960 - 1970	Interbedded shale - dark green, calcareous, siltstone and very fine-grained sandstone, light grey to greenish grey, and limestone, shaly, greenish grey.
1970 - 2000	Shale - greenish grey, green, and medium to dark grey, interbedded with limy siltstone and silty limestone, as above.
2000 - 2030	Siltstone - grey and greenish grey, calcareous, interbedded with shale, dark grey to dark greyish green, calcareous.
2030 - 2040	Shale - dark greenish grey, calcareous, speckled; shale, green, calcareous; interbedded calcareous siltstone, as above.
2040 - 2070	Shale - green, calcareous, silty.

Depth Feet	Description
2070 - 2130	Shale - dark greenish grey, calcareous.
2130 - 2140	Limestone - light grey to brown, crystalline.
2140 - 2160	Siltstone - greyish green, calcareous, interbedded with shale, green and dark greenish grey.
2160 - 2190	Shale - dark green and dark greenish grey, silty, slightly calcareous.
2190 - 2240	Shale - dark grey, dark greyish brown and dark greenish grey, calcareous.
2240 - 2270	Shale - dark grey to dark brown, slightly bituminous, slightly calcareous.
2270 - 2280	Shale - dark greyish brown, silty, non-calcareous.
2280 - 2300	Siltstone - dark greyish brown, slightly calcareous, bituminous; minor green shale and greyish green siltstone, calcareous.
2300 - 2310	Shale - dark greyish brown, bituminous.
2310 - 2330	Shale - as above, with interbedded shale, dark green, and siltstone, greyish green, calcareous.
2330 - 2340	Shale - dark greyish brown to black, bituminous.
2340 - 2350	Shale - green, slightly calcareous, interbedded with shale, as above.
2350 - 2390	Shale - dark greyish brown to black, bituminous, pyritic, becoming silty and calcareous towards the base; minor interbedded green shale and greyish green siltstone.
Slave Point Formation 2404'	
2390 - 2420	Limestone - light greyish brown to brown, granular, argillaceous, pyritic; shale, dark grey to black, bituminous; shale - green and dark greenish grey, calcareous.
2420 - 2430	Limestone - buff to dark brown, argillaceous, granular to coarsely fossiliferous fragmental, pyritic.
2430 - 2440	Limestone - buff, fossiliferous fragmental and limestone, dark brown, granular, argillaceous, fossiliferous, stylolitic partings; green shale, calcareous.

Depth Feet	Description
2440 - 2460	Limestone - buff to light brown, fossiliferous fragmental, recrystallized, brecciated.
2460 - 2490	Limestone - grey to brown, granular to fragmental, highly fossiliferous.
2490 - 2500	Shale - green, calcareous; shale, dark, brownish grey, bituminous, calcareous; siltstone, greenish grey and green, calcareous.
2500 - 2510	Shale - dark grey to black. bituminous, slightly calcareous.
2510 - 2530	Shale - dark green; shale, dark greyish green, calcareous, with black specks; shale, dark grey, non-calcareous.
2530 - 2595	Limestone - brown to dark brown, dense to microgranular, argillaceous, hard and tight; prominent shale, green, fissile, non-calcareous to calcareous.
Presqu'ile Equivalent 2595'	
2595 - 2605	Limestone - cream colored, dense to cryptocrystalline, fossiliferous, no apparent porosity; shale, green, fissile, calcareous.
2605 - 2634	See Core Description
Pine Point Formation 2637'	
2634 - 2640	Limestone - white to buff, dense to microcrystalline; limestone, light brown to dark brown, dense to crystalline, no visible porosity.
2640 - 2655	Limestone - light to dark brown, argillaceous, dense to microgranular, hard and tight.
2655 - 2660	Limestone - dark brown, argillaceous, dense.
2660 - 2690	Limestone - buff, microgranular, fossil fragments, and limestone, as above.

Depth Feet	Description
2690 - 2695	Shale - dark green, non-calcareous; limestone, dark brown, argillaceous, highly fossiliferous, bituminous.
2695 - 2700	Limestone - dark brown, argillaceous, bituminous, highly fossiliferous, as above.
2700 - 2705	Limestone - buff to light brown, dense to microgranular.
2705 - 2708	Limestone - as above; limestone, dark brown, argillaceous, hard, tight; limestone, brown, coarsely crystalline and fossiliferous fragmental.
2708 - 2720	Limestone - buff to brown, fossiliferous fragmental, reef material; some fragments exhibit poor porosity, no oil staining; prominent green, calcareous shale.
2720 - 2730	Limestone - buff to dark brown, dense, argillaceous.
2730 - 2740	Limestone - buff to light brown, dense to granular, fossil fragments; minor green shale.
2740 - 2748	Dolomite - brown, microcrystalline, sugary texture, oil stained, traces of poor intercrystalline porosity.
2748 - 2765	See Core Description
2765 - 2780	Dolomite - buff to light brown, microcrystalline to finely crystalline, slight scattered oil staining, scattered fair to good intercrystalline porosity; dolomite, buff, dense, pyritic, siliceous; prominent green, calcareous shale.
2780 - 2785	Dolomite - buff, dense as above; quartz pebbles up to 3/16" in diameter, subrounded, frosted; prominent green calcareous shale.
2785 - 2790	Shale - dark green, calcareous; quartz pebbles, as above; conglomerate, consisting of pyrite crystals, glauconite and light colored limestone.
2790 - 2800	Shale - green and dark green; dolomite, buff, dense, some fragments stained reddish brown; pyrite-limestone - glauconite conglomerate, as above.
2800 - 2803	Shale - dark grey, non-calcareous, overlying weathered granite.

CORE DESCRIPTION

Well Name: Briggs Northeast Rabbit Lake No. 1

Location: Latitude 61° 00' 34.11" N.
Longitude 118° 35' 09.06" W.

Core No. 1 2605' - 2634' Rec. 29'

1.5'	Limestone - light grey and brown, dense to microcrystalline, highly fossiliferous, fractured.
1.5'	Limestone - very dark brown to black, argillaceous, dense, bituminous, fractured.
3.8'	Limestone - buff to light brown, dense to microcrystalline, fossiliferous, stylolitic partings, fractured, bleeding oil in top 2'.
7.5'	Limestone - very dark brown to black, argillaceous, dense, bituminous, fractured.
14.7'	Limestone - light brown to brown, dense to finely crystalline, moderately to highly fossiliferous, stylolitic partings, poor apparent porosity, vertically fractured.

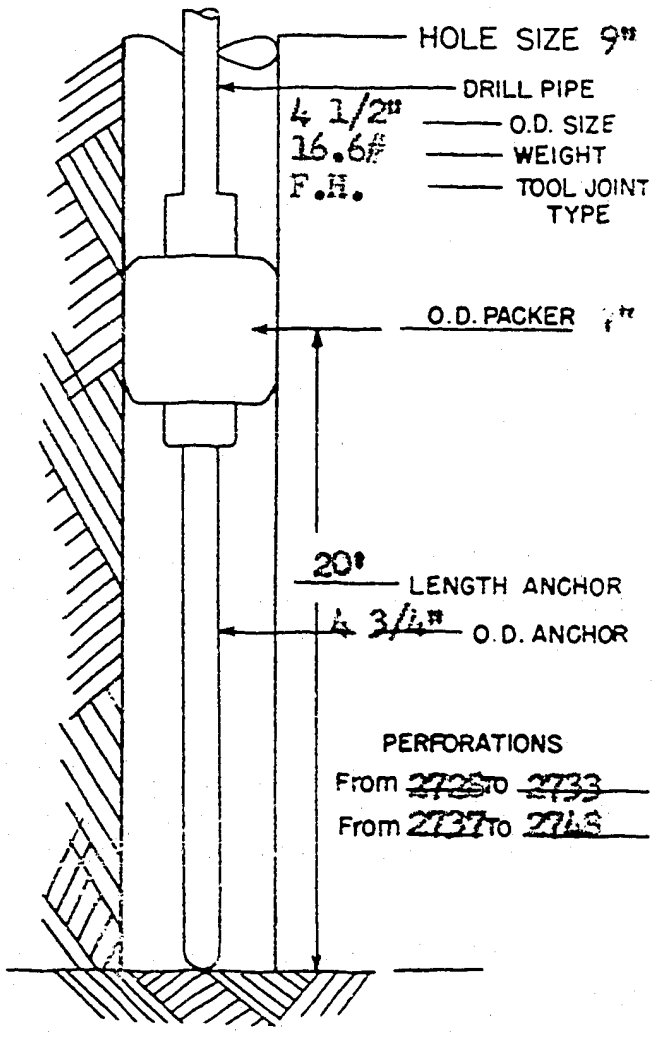
Core No. 2 2748' - 2765' Rec. 17'

17'	Dolomite - brown, finely crystalline, stylolitic partings, poor to fair intercrystalline porosity; scattered oil staining and bleeding.

DRILL STEM TEST REPORT

TEST No. 1 Run No. 1

Well Name N.E. Rabbit Lake Well No. 1 District Rabbit Lake
Field Wildcat Province Northwest Territories
Testing Company United Testers Limited Operator C. Hank
Date Commenced February 9, 1959 Date Completed February 9, 1959



Formation Tested Devonian Dolomite (Pine Point Fm.)
Section Tested. From 2726 To 2748 ft.
Mud Properties: Wt. 10.9 Vis. 92 sec.
Filtrate 4.6 c.c. Filter Cake 2/32 Gel
Water Cushion nil ft.
Type of Packer Conventional
Choke Size, surface Bottom Hole 1/2"

	Time		Remarks
Tester started in hole	5	a.m.	
Tester on bottom	8:30	a.m.	Init. S. I. 8:45 a.m.
Tester opened	9:15	a.m.	to 9:15 a.m.
Tester closed	10:15	a.m.	Final S. I. 10:15 am.
Tester pulled loose	10:45	a.m.	to 10:45 am.
Tester out of hole	12:30	p.m.	
Total time tester open	1 hour		

Weight:
Set on Packer 25000 lbs. Pull Packer Loose 2000 lbs.
Weight drill pipe Before Test 25000 After Test 25000
Mud level in casing Full
Nature of Blow Fair I.B. Intermittent throughout test
Maximum Surface Pressure
Maximum Trap Pressure

Gas Flow: Nil MCF/day: How Gauged By
Oil Flow Nil bbls. in hrs: Est. 24-hr. Flow Rate How Gauged
Size flow line 3 Inch. I.D. Size Orfice inch.

Recovery in Drill Pipe:

					Remarks
Free oil	-	stands	-	feet	- bbls.
Mud	1/3	stands	10	feet	1/7 bbls. Slightly oil flecked
Water	-	stands	-	feet	- bbls.

Gravity of oil - ° API @ - °F.
Oil sample obtained - Water sample obtained -

Pressures:

Type of pressure bomb (s) used Kuster AK-1
Maximum Flowing Pressure 44.3 - 46.1 PSI
30 Minute Shut in Pressure 76.2-76.3 PSI
Static Mud Pressure after unseating packer 1573-1573 PSI
Mechanically, was Test satisfactory? Yes

REMARKS:

Initial shut in 248.0 and 249.2 psi.

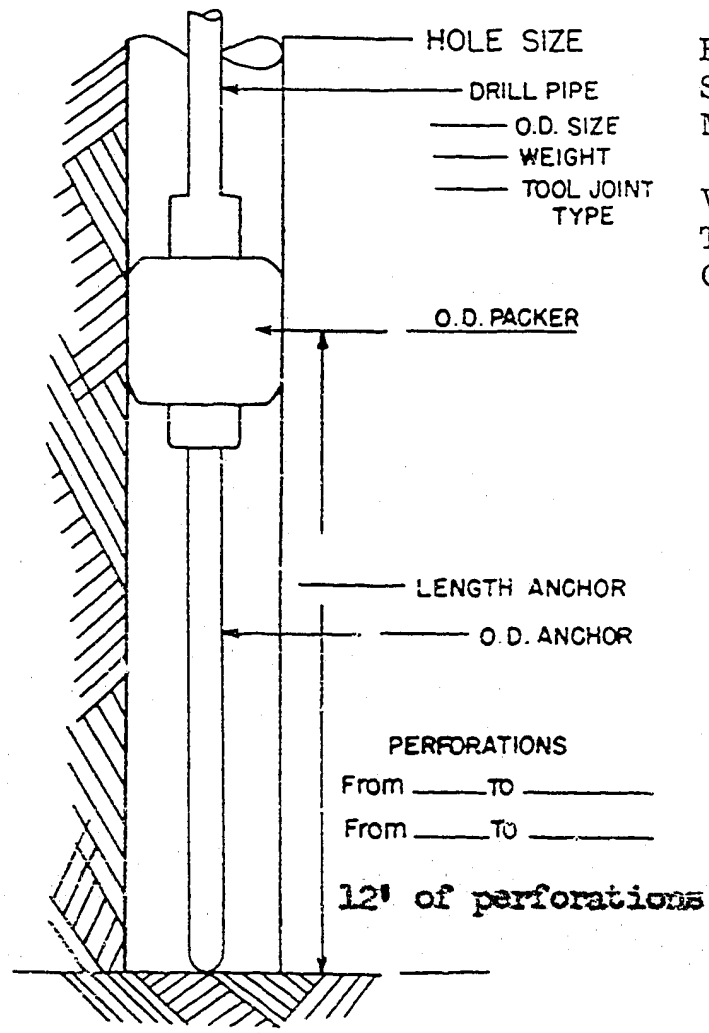
Engineer: Norman Soul

J. C. SPROULE & ASSOCIATES, CALGARY.

DRILL STEM TEST REPORT

TEST No. 2 Run No. 1

Well Name N.E. Rabbit Lake Well No. 1 District Rabbit Lake
Field Wildcat Province Northwest Territories
Testing Company United Testers Limited Operator C. Hank
Date Commenced February 11, 1959 Date Completed February 11, 1959



Formation Tested Devonian Limestone (Presqu'ile Fm.)
Section Tested. From 2622 To 2644 ft.
Mud Properties: Wt. 10.6 Vis. 77 sec.
Filtrate 5.6 c.c. Filter Cake 2/32 Gel
Water Cushion Nil ft.
Type of Packer Straddle
Choke Size, surface Bottom Hole 1/2"

	Time	Remarks
Tester started in hole	6:30 a.m.	
Tester on bottom	8:15 a.m.	Init. S.I. 8:30 a.m.
Tester opened	9:00 a.m.	to 9:00 a.m.
Tester closed	10:00 a.m.	Final S.I. 10:00 a.m.
Tester pulled loose	10:30 a.m.	to 10:30 a.m.
Tester out of hole	12:30 p.m.	
Total time tester open	1 hour	

Weight:
Set on Packer 25000 lbs. Pull Packer Loose 30000 lbs.
Weight drill pipe Before Test 25000# After Test 30000#
Mud level in casing Full
Nature of Blow Good initial blow. Steady throughout test.
Maximum Surface Pressure
Maximum Trap Pressure

Gas Flow: Nil MCF/day: How Gauged By
Oil Flow Nil bbls. in hrs: Est. 24-hr. Flow Rate How Gauged
Size flow line 3 Inch. I.D. Size Orfice inch.

Recovery in Drill Pipe: **Remarks**

Free oil	- stands	feet	bbls.		
Mud	- stands	feet	bbls.		
Water	15 stands	900 feet	13 bbls.	Salt water - slightly gassy	

Gravity of oil - ° API @ °F.
Oil sample obtained - Water sample obtained X

Pressures:

Type of pressure bomb (s) used Kuster AK-1 Top bomb at 2618', Bottom at 2640'
Maximum Flowing Pressure Top 442 Bottom 447 PSI
30 Minute Shut in Pressure Top 1131 Bottom 1130 PSI
Static Mud Pressure after unseating packer Top 1494 Bottom 1494 PSI
Mechanically, was Test satisfactory? Yes

REMARKS:

~~Initial hydrostatic~~	~~1521~~	~~1517~~	Chart shows shut in pressure
~~Initial flowing~~	~~78~~	~~82~~	stabilized very rapidly
~~Initial shut in~~	~~1142~~	~~1146~~	

Engineer: Norman Soul

J. C. SPROULE & ASSOCIATES, CALGARY.

CGL-6

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

10568 - 114th Street, Edmonton, Alberta
Phones 25624 and 42562

2706 Centre Street N., Calgary, Alberta
Phone 76149

WATER ANALYSIS REPORT

Field Rabbit Lake, N.W.T. Well No. Briggs N.E. Rabbit Lake #1

Operator D.Todd Briggs Nominee Account c/o J.C. Sproule & Associates. Location 61° 00' 34" North Latitude, 110° 35' 9" West Longitude.

Sampled by ..... Date Received February 23, 1959.

Formation Devonian Limestone Depths 2622' - 2644' How Sampled D.S.T.

Other pertinent data D.S.T. #2. V.O. 1 hour. Recovered 900' slightly gassy salt water.

Analyzed by Chemical & Geological Labs. Ltd. Date February 26, 1959. Lab. No. E 13665

PARTS PER MILLION (MILLIGRAMS PER LITER)

Na & K	Ca	Mg	Fe	SO_4	C	CO_3	HCO_3	OH	H_2S
33,637	9,943	2,361		658	75,500		650		

MILLIGRAM EQUIVALENTS

1463.22	496.16	194.07		13.69	2129.10		10.66	

MILLIGRAM EQUIVALENTS IN PERCENT

33.97	11.52	4.51		0.32	49.43		0.25	

Total Solids in Parts per Million		Properties of Reaction in Percent	
By evaporation	137,860	Primary salinity	67.94
After ignition	115,150	Secondary salinity	31.56
Calculated	122,419	Primary alkalinity	0
		Secondary alkalinity	0.50
Specific Gravity	1.088	Chloride salinity	99.36
Observed pH	6.9	Sulfate salinity	0.64
Resistivity 0.073	ohm meters @ 68° F.		

Remarks and conclusions This water is slightly less concentrated than our lab. #7003-1, June 2, 1955. However there is a similarity evident when you compare the milligram equivalents (i.e. the ratio of one ion to another is about the same). Also the Properties of reaction in percent are comparable.

GEOLOGICAL AND ENGINEERING SUMMARY

Well Name: Briggs Northeast Rabbit Lake No. 1

Location: Latitude 61° 00' 34.11" N.
Longitude 118° 35' 09.06" W.

Briggs Northeast Rabbit Lake No. 1 is located eight miles northeast of Briggs Rabbit Lake No. 3 capped gas well and 6.5 miles north and slightly west of Briggs Foetus Lake No. 1 dry hole. The latter two wells are eight miles apart. The well was drilled into the top of the Precambrian at a total depth of 2,803 feet.

The top of the Middle Devonian Slave Point formation, at a depth of 2,404 feet, was found to be 85 feet lower structurally than expected. The top of the formation shows evidence of brecciation and recrystallization. The section from 2,490 feet to 2,530 feet is predominantly dark grey and dark green shale, which is not present in the Slave Point in the Foetus Lake and Rabbit Lake wells. The Presqu'ile formation equivalent is a dense, cream-coloured limestone with no apparent porosity. The top of the Pine Point formation was cored and tested and yielded 900 feet of salt water in a one-hour test of the interval 2,622 feet to 2,644 feet. The top of the Pine Point dolomite was tested, but yielded only ten feet of oil flecked mud in one hour. A core was taken in this formation, but no further testing appeared to be warranted.

After drilling into the Precambrian the well was logged, plugged and abandoned.

Norman Soul
N. Soul, P. Eng.

S. R. L. Harding
S. R. L. Harding, P. Eng.

901 - 8th Avenue S. W.,
Calgary, Alberta,
April 22, 1959.