

BRIGGS WEST TATHLINA
LAKE NO. 1

Drilling Authority No.

Date Issued

WELL NAME Briggs West Tathtina Lake No. 1

FIELD Wildcat

Area: Isakisa Lake

LOCATION: Unit 6

Section 48

Grid 60-40-117-45

Latitude 60°37' 21.31" N.

Longitude 117°53' 8.06" W.

From Established Reference Marker

Rig Release Date: 16-3-59

Status D & A

Information Release Date 16-3-61

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.

#59

FORM "C"

CANADA

DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES

NORTHERN ADMINISTRATION BRANCH

RESOURCE DIVISION

ABANDON

NOTICE OF INTENTION TO

~~ABANDON~~

a Well

~~REGULATIONS~~

(Strike out operation which does not apply)

In accordance with Sections 48 & 49 of the Territorial Oil and Gas Regulations, notice is hereby given of our intention to

~~abandon~~ the well named Briggs West Tathlina Lake No. 1 on Oil

and Gas Permit No. 1526

Registered in the name of D. Todd Briggs Holdings Account

Lease No.

Depth 3130 feet. Elevation above sea level: Ground surface 958.0 ft.
Kelly bushing 970 ft.

Location 60°37'21.31" N. Lat. 117°53'08.08" W. Long.

16000 feet . . . (N. of S. boundary) (Permit No. 1526)
(S. of N. boundary) of (Lease No.)
21000 feet . . . (W. of E. boundary) of (Permit No. 1526)
(E. of W. boundary) (Lease No.)

Survey description, if available 60°37'21.31" N. Lat. 117°53'08.08" W. Long . .

CASING RECORD

Size O.D. inches	Weight lbs/ft	Grade	Amount feet	Set at feet	Sacks cement	Method	to be withdrawn
1 <u>10 7/8"</u>	<u>32.75</u>	<u>H40</u>	<u>245.27</u>	<u>257.47</u>	<u>123</u>	<u>Halliburton</u>	<u>Ril</u>
2							
3							
4							

OIL, GAS AND WATER

Oil from feet to feet From feet to feet with
. sacks cement

Oil from feet to feet From feet to feet with
. sacks cement

Gas from feet to feet From feet to feet with
sacks of cement.

Gas from feet to feet From feet to feet with
sacks of cement.

Water from ~~3025~~ . feet to ~~3130~~ . feet From ~~3130~~ . feet to ~~2890~~ . feet with .75 . .
sacks cement.

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

Surface and bottom plugs:

1. from ~~2890~~ . feet to ~~2730~~ . feet with .50 . .sacks cement.
2. from . ~~285~~ . feet to . ~~200~~ . feet with .50 . .sacks cement.
3. from ~~surface~~ .feet to . ~~30~~ .feet with .10 . .sacks cement.

Date of last operation December 21, 1959 Total depth . . 3130

Nature of liquid left in well and Level from surface . . surface
on suspension or abandonment

The following logs ~~will be~~ run Induction - electrical log: MicroLog,
have been
Sonic Log, Neutron Log

Produced from zone and
on abandonment of a well which has been on production.

Present condition of well in addition to above
.
.

On abandonment or suspension of drilling we shall comply with Sections 68, 69 and
70 of the Regulations.

Program of operation not included above
.
.
.

Responsible agents of permittee or lessee in charge of operation:

At well . . . Art Whiting Postal address . . . Hay River, N.W.T. . .

At registered office . . A.M. Lloyd Postal address 1117 First National Bank Bldg.,
Dallas 2, Texas.

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

dated at Hay River . . this . . . 22 . . . day of . . . December 1959 . .

Signed by . . . Thomas Sproule
J.C. Sproule & Associates

This program is approved subject to the following provisions

.. That the bottom plug and the surface casing shoe
.. plug shall be set in accordance with the
.. oral instructions given at the well site by Mr. A. R.
.. Board, Assistant Oil Conservation Engineer on 21st
December 1959

29th December 1959. . .
Date

Bill Shams
Oil Conservation Engineer

(To be submitted in triplicate to the Oil Conservation
Engineer at Calgary, Alberta.)

FORM "B"

DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES

NORTHERN ADMINISTRATION BRANCH

RESOURCES DIVISION

For the period from . December 16/59
to . December 22/59

REPORT of ~~COMPLETION~~
~~REWORK~~ ~~RECOMPLETION~~ of a Well
~~SUSPENSION~~
and ~~ABANDONMENT~~

Permit No. 1526 . .

Name of well Briggs West Tathlina Lake No. 1 Lease No.
Registered owner D. Todd Briggs Mcmines Account Drilling Company Guthrie McLaren Drilling
Location . 60° 37' 21.31" N. Lat. 117° 53' 02.08" W. Long. Ltd.
Survey description, if available as above
Elevation: Ground . 958.0' Last previous depth 3250
Kelly bushing. . 970' Present depth 3130
Spudded . December 16, 1959 Finished drilling Dec. 19 . Rig Released
December 22, 1959
Deviations from vertical . 400°-1°; 727°-1 3/4°; 904°-2 3/4°; 1363°-4 1/4° . . .
. 1732°-6°; 1999°-6 1/2°; 2763°-9°; 2910°-7° . . .

CASING RECORD

Date	Size O.D.	Weight lbs/ft	Grade	Set at feet	Sacks Cement	Top of Cement
1 21/2/59	10 3/4"	32.75	H40	257	123	Surface
2						
3						
4						

TUBING RECORD

Size	Wt.Lbs/foot	Grade	Amount	Landed Depth	Remarks
.					
.					
Wellhead		(Manufacturer)		(Size)	(Series)

Pumping or flowing

Plug back

Other Schlumberger Formation Sample Tests

1. 2829' . Open 14 min. 25 sec. . Rec. 10 cc. oil and 250 cc. water

2. 3035' . Open 15 min. 30 sec. . No Recovery

3. 2845' . Open 16 min. 30 sec. . No Recovery

4. 3106' . Open 15 min. 40 sec. . Rec. 900 cc. salt water.

CEMENT PLUGS SET

Date	Plug set at	Sacks cement	Method	Top found at
Dec. 21/59	3130'	.75	Halliburton	2883' felt
Dec. 21/59	2883'	50	"	2730'
Dec. 22/59	285'	50	"	186' felt
Dec. 22/59	30'	10	"	Surface

Washed well samples have been sent to Geological Survey of Canada, Calgary
~~will be~~

Cores will be stored at

Core analysis (was made) of the Intervals . . . 3158'-3161'
(~~to be made~~)

Oil analysis (was made) of the Intervals. Unknown
(~~to be made~~)

Gas analysis (was made) of the Intervals.
(to be made)

Water analysis (was made) of the Intervals. . . 3100'-3158'
(~~to be made~~)

The above analyses (are)
(~~will be~~) submitted in accordance with Section 70(2) of
the Regulations.

ADDITIONAL DETAILS AND COMMENTS

Signed Norman Sproule Address . 1009 - 4th Ave. West
J.C. Sproule & Associates Calgary, Alberta

Date . December 28, 1959

(To be submitted in triplicate in accordance with Sections
68, 69, 70 and 71, of the Territorial Oil and Gas Regulations
to the Oil Conservation Engineer at Calgary, Alberta.)

RESOURCES DIVISION

a producing well.

or
TO REOPEN A SUSPENDED WELL.

(Strike out operations which do not apply)

Briggs West Tethling Lake No. 1

..... **REOPEN** the well named on Oil

and Gas (Permit No. 1526 . . .) Registered in the name of D. Todd Briggs . .
(Lease No.)

Intended type of well Oil, Gas or Injection . . . OIL

Intended completion in zone of the formation

Drilled Depth 3,250 . feet Plugged back depth . . . 2,770 feet

Proposed New Depth . . . 3,250 feet

Elevation above sea level: Ground . . . 958.0 feet

K.B. . . . 969 feet

Location at 60°37'21.31" N. Lat. 117°53'08.08" W. Long.

. . . 16,000! . . . (~~XXXXXXXXXXXX~~) (Permit No. . . 1526 . . .)
 (S. of N. boundary) of (Lease No.)
 . . . 21,000! . . . (~~XXXXXXXXXXXX~~) of (Permit No. . . 1526 . . .)
 (E. of W. boundary) (Lease No.)

Survey Description . 60°37'21.31" N. Latitude . 117°53'08.08" W. Longitude .

Date of Last operation . . . **MARCH 16, 1959.**

CASING RECORD

<u>Size O.D.</u>	<u>Weight</u>	<u>Grade</u>	<u>Amount</u>	<u>Set at</u>	<u>Sacks</u>	<u>Method</u>	<u>to be</u>
<u>Inches</u>	<u>lbs/ft</u>		<u>feet</u>	<u>feet</u>	<u>Cement</u>		<u>withdrawn</u>
1. 10 3/4"	. 32.75	. J55 .	245.27.	. 257.47	. 123	Halliburton	. NIL. .
2. " "	" "	" "	" "	" "	" "	" "	" "
3. " "	" "	" "	" "	" "	" "	" "	" "
4. " "	" "	" "	" "	" "	" "	" "	" "

TUBING RECORD

<u>Size</u>	<u>Weight lbs/ft.</u>	<u>Grade</u>	<u>Amount</u>	<u>Landed Depth</u>	<u>Remarks</u>
.....					
.....					

OIL, GAS AND WATER

Produced
or
Encountered

Cement plugs set

Oil from feet to feet from 3,250 feet to 2,770 feet

.....
.....

Gas from feet to feet from 270 feet to 159 feet

.....
.....

Water from 3,100 feet to 3,158 feet from feet to feet

.....
.....

Nature of liquid in well level from surface.

Present production zone and formation

Cement plugs to be set from 3,250 feet to 2,770 feet
from feet to feet
from feet to feet

Other program Well is being re-opened in an attempt to determine source of oil
at present in surface casing.

List logs to be run Induction.

If abandoned we shall comply with Sections 68, 69 and 70 of the Regulations

Responsible Agents in Charge of Operation

at well ART WHITTING address HAY RIVER, N.W.T.

at registered office A.M. LLOYD address 1117 First National Bank Bldg.,
Dallas, 2, Texas.

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

Dated at CALGARY the 10th day of DECEMBER 19 59.

Signed by Norman Boul

Company J. C. SPROULE & ASSOCIATES

noted
1/10/60

This program is approved subject to the following: *Proper blowout
prevention and well control.*
Confirming prior oral approval.

11 Dec., 1959

date

A. R. Flood
Asst. Oil Conservation Engineer

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

C A N A D A

DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES

NORTHERN ADMINISTRATION AND LANDS BRANCH

(~~PERMIT~~)
(~~LEASE~~)
NOTICE OF INTENTION TO (SUSPEND DRILLING) A WELL
(~~RESUME DRILLING~~)
(~~RESUME DRILLING~~)

(Stroke out operations which do not apply).

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

68, 69, 71 or 72

In accordance with Sections ~~24, 25, 26~~ of the Territorial Oil and Gas
Regulations, notice is hereby given of our intention to

..... suspend the well named Briggs West Tathlina Lake No. 1 Oil
and Gas (Permit No. 1526.....) registered in the name of D. Todd Briggs.....
(Lease No. ,,,,,.....)

Depth 3,240..... feet. Elevation above sea level: Ground surface 958..... ft.
Kelly bushing 969..... ft.

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

16,400'..... (~~W of E boundary~~) of (Permit No. 1526) at 60°37'21.31" Lat.
(S of N boundary) (Lease No.)
21,200'..... (~~W of E boundary~~) of (Permit No. 1526) at 117°53'08.08" W Long.
(E of W boundary) (Lease No.)

Co-ordinates 599,202.4' N., 720,413.2' E. Point of Origin on Sixth
Survey description Meridian 1039.6' south of Brass Cap Witness Station near H.R. Corner
Sec. 13, Twp. 134, Rge. 1, West 6th Meridian.

CASING RECORD

Size O.D. inches	Weight lbs/ft.	Amount feet	Set at feet	Sacks cement	Method	To be Withdrawn
<u>1.10 3/4.</u>	<u>32.75.</u>	<u>245-27.</u>	<u>257-47.</u>	<u>123...</u>	<u>Halliburton</u>	.....
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)

Water from 3100 feet to 3158 feet. From 3258 feet to 2770 feet with 150 sacks.
3098 3141 3250 2770 150

Bottom plug from 3250 feet to 2770 feet with 150 sacks
Plug no. 2 270 170 40 + 1 sack CaCl_2
Surface plug from 2770 feet to 2770 feet with 150 sacks
Plug at surface 5 sacks cement

Date of last operations .. March 16, 1959 .. Total depth. 3,250'

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

Present condition of well in addition to above: ..

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

On abandonment we shall comply with Section 68 (2), (3), (5) and (6) 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 & Associates ..

Postal Address May 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, Alta. this 2nd day of April 1959.

J. C. SPROULE & ASSOCIATES

Signed by .. Roman Sal ..

This program is approved subject to the following provisions:

... 6 months of approval. To suspend and 15 ..
... will draw previous application 15 abandon ..

... 30.4 April 1959 ...
Date

... B. H. Shams ...
Conservation Engineer

CANADA

DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES

NORTHERN ADMINISTRATION AND LANDS BRANCH

(ADDRESS)
(NAME)
(EXTENSION)

REPORT

(Strike out operations which do not apply)

65, 66, 70 E 72

To be submitted in triplicate in accordance with Section 20 of the Territorial Oil and Gas Regulations to the Conservation Engineer at Edmonton, Alberta.

Name of well **Briggs West Tathlina Lake No. 1** Permit No. **1526**
Registered owner **D. Todd Briggs Medicine** Lease No. **Peter Bowden Drilling Ltd.**
Location: (Survey description) **60°37'21.31" N. Lat.**
117°53'00.00" W. Long.
Elevation: Ground **958.0** Kelly bushing **969** Depth **3,250'**
Spudded **February 18, 1959** Finished drilling **Mar. 15/59** Rig released **Mar. 16/59**
Deviations from vertical **Maximum 9° at 2,763', 2 3/4° at 787'**

COLUMNS

	Date	Size O.D.	Weight lbs/foot	Grade	Set at feet	Sacks cement
1.	Feb. 21/59	10 3/4"	32.75	H407	257.47'	123
2.						
3.						

TUBING

Status of well on completion of drilling **To be plugged and abandoned**
Producing zone
Cored intervals **3,158' - 3,163'**
Interval logged: E-log **262' to 3,158'** M-log **2,650' to 3,156'**
R-log **200' to 3,158'** Other **Sonic log 262' to 3,152'**

DRILLING TESTS

Test No.	Date	Interval tested	Duration	Results
1	Mar. 9/59	2950'-3015'	one hour	90' heavily oil flecked mud
2	Mar. 13/59	3100'-3158'	one hour	2920' salt water
3	Mar. 13/59	3098'-3141'	36 min.	2740' salt water

(Over)

CANADA

DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES

NORTHERN ADMINISTRATION AND LANDS BRANCH

NOTICE OF INTENTION TO ~~(SINK-DRILL)~~
(ABANDON) ~~(SINK-DRILLING)~~ A WELL
~~(SINK-DRILLING)~~
~~(SINK-DRILLING)~~

(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 ~~Bridge West Tatolima Lake~~ ^{No. 1} Oil and Gas (Permit No. ~~152~~ ..) registered in the name of , D. Todd Briggs .. (Lease No. , , , , ,)

Depth . 3,250 . . feet. Elevation above sea level: Ground surface . . 958 . . ft. Kelly bushing 960 . . ft.

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

.. 16,400' .. (N. of S. boundary) of (Permit No. ~~152~~) at approx. 62° 37' 21.38" Lat.
.. 21,200' .. (S. of N. boundary) of (Lease No.)
.. 21,200' .. (N. of E. boundary) of (Permit No. ~~152~~) at approx. 117° 53' 02.09" Long.
.. 21,200' .. (E. of W. boundary) of (Lease No.)
Coordinates 99° 20' 4" N., 720° 43' 2" E. Point of Origin on Sixth Meridian
Survey description 1039.6' south of Brass Cap Wilton Station near N. E. Corner.
Sec. 13, Twp. 134, Rgr. 1, West 6th Meridian

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	245.27	257.47	323	Ballston	.....
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)

Water from 3,100 feet to 3,150 feet. From 3,250 feet to 3,770 feet with 150 sacks.
3,000 3,241 3,250 3,770 150

Bottom plug from 3,250 feet to 2,770 feet with 150 sacks
Plug No. 2
Surface plug from 270 feet to 170 feet with 40 sacks + 1 sack CaCl₂
Plug at surface 5 sacks cement

Date of last operations March 26, 1959 Total depth 3,250

Nature of liquid in well Level from surface

Present condition of well in addition to above:

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

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 H. Seal At registered office: J. C. Sproles & Associates

Postal Address May River, N.S. Postal Address 901 - 6th 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 2 day of April 1959

J. C. SPROLES & ASSOCIATES

Signed by per J. H. Hardy

This program is approved subject to the following provisions:

Confirming oral approval

7 April 1959

Date

B. H. Jones
Conservation Engineer

CANADA

DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES

NORTHERN ADMINISTRATION AND LANDS BRANCH

NOTICE OF INTENTION TO BEGIN DRILLING OPERATIONS

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

In accordance with Section 58 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. 1526 registered in the name of D. Todd Briggs Nominee Account Lease No. Northwest Territories

TYPE OF WELL:

Stratigraphic test: Wildcat:
Structure Test: Development:
Anticipated number of holes (Required for Structure Test Only)
Expected total depth: 3,900 feet.

The well will be located:

25,400 feet of (Permit No. 1526)
(S of N boundary) (Lease No.) at approx 60° 37' 18" N Lat.
21,200 feet of (Permit No. 1526)
(E of W boundary) (Lease No.) at approx 117° 53' W Long.

Survey description of location

Approximate surface elevation of 1,050 feet above sea level.

Name of well: , Briggs West Dabblin Lake No. 1

Type of drilling rig: Rotary

Expected date of commencement: February 1, 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	HS	SAI	New	200	150
2. 7	20	J55	Youngstown	New	2,700	150
3.						

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

. 2,600 feet - drilling and program conforming to good oil field practice

(Over)

An electric log {will
(addendum)} be run.

The well will be drilled by: . D. Todd Briggs. ~~Memphis Account~~. (name of company)

CONTRACTOR: Peter Bearden 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
Building

Postal address: Postal address: Dallas 2, Texas, .

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

Dated at Calgary, Alberta . . this . 31 day of . December. 19.58

J. C. SPENCE & ASSOCIATES

Signed by . . per . . *Norman Auld*

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

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

5 Jan 1959
Date

B. H. Thomas
Conservation Engineer

C. R. Whiting
Company Representative

GUTHRIE MCLAREN DRILLING LTD.

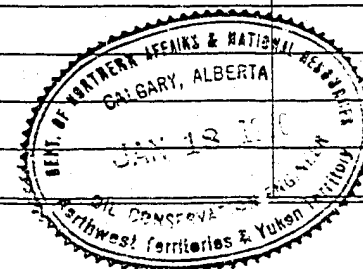
Well No *Briggs West T. Thline Lake #1*

Date *Dec 22 1959*

Lsd. Sec. Twp. Rge. W.

Tool Pusher

Drilled From _____ To _____ Hole Made _____												Drilled From _____ To _____ Hole Made _____												Drilled From _____ To _____ Hole Made _____																																															
Bit No.				No. Stds.				Length				Bit No.				No. Stds.				Length				Bit No.				No. Stds.				Length																																							
Serial No.				No. D.C.'s				Length				Serial No.				No. D.C.'s				Length				Serial No.				No. D.C.'s				Length																																							
Bit Size				Length				Bit Size				Length				Bit Size				Length				Bit Size				Length																																											
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Dr. from				Kelly in				Dr. from				Kelly in				Dr. from				Kelly in				Dr. from				Kelly in																																											
Dr. to				TOTAL				Dr. to				TOTAL				Dr. to				TOTAL				Dr. to				TOTAL																																											
Cored from				D.C.O.D. Top				Hrs. On Bottom				Cored from				D.C.O.D. Top				Hrs. On Bottom				Cored from				D.C.O.D. Top				Hrs. On Bottom																																							
Cored to				D.C.I.D. Top				Hrs. Off Bottom				Cored to				D.C.I.D. Top				Hrs. Off Bottom				Cored to				D.C.I.D. Top				Hrs. Off Bottom																																							
Reamed from				Pipe Size				Trip Time				Reamed from				Pipe Size				Trip Time				Reamed from				Pipe Size				Trip Time																																							
Reamed to				C.S.G. Set at				Serv. Time				Reamed to				C.S.G. Set at				Serv. Time				Reamed to				C.S.G. Set at				Serv. Time																																							
Total Bit Footage				C.S.G. Size				Rep. Time				Total Bit Footage				C.S.G. Size				Rep. Time				Total Bit Footage				C.S.G. Size				Rep. Time																																							
Bit Hrs.				Pipe in Hole				Jts.				Diesel Fuel Meter Reading				Bit Hrs.				Pipe in Hole				Jts.				REMARKS:				Bit Hrs.				Pipe in Hole				Jts.				REMARKS:																											
Table R.P.M.				Pipe on Racks				Jts.				Today				Table R.P.M.				Pipe on Racks				Jts.								Table R.P.M.				Pipe on Racks				Jts.																															
Depth				Deviation				Total Pipe on Lease				Jts.				Yesterday				Depth				Deviation				Total Pipe on Lease				Jts.				Depth				Deviation				Total Pipe on Lease				Jts.																							
Depth				Deviation								Consumption				Gals.				Depth				Deviation								Depth				Deviation								Depth				Deviation																							
Depth				Deviation																Depth				Deviation												Depth				Deviation												Depth				Deviation															
Depth				Deviation																Depth				Deviation												Depth				Deviation												Depth				Deviation															
Time	Wt.	Vis.	Pump Strokes	Pump Pressure	Pit Gauge	Water Added	No. 1 Pump Size	No. 2 Pump Size	Liner Size	Water-Loss	Filter Cake	PH	Mud Added Sacks	Chemicals Added Lbs.	Time	Wt.	Vis.	Pump Strokes	Pump Pressure	Pit Gauge	Water Added	No. 1 Pump Size	No. 2 Pump Size	Liner Size	Water-Loss	Filter Cake	PH	Mud Added Sacks	Chemicals Added Lbs.	Time	Wt.	Vis.	Pump Strokes	Pump Pressure	Pit Gauge	Water Added	No. 1 Pump Size	No. 2 Pump Size	Liner Size	Water-Loss	Filter Cake	PH	Mud Added Sacks	Chemicals Added Lbs.																											
12															8																4																																								
1															9																5																																								
2															10																6																																								
3															11																7																																								
4															12																8																																								
5															1																9																																								
6															2																10																																								
7															3																11																																								
CREW												MATERIALS CHARGED TO OPERATOR												CREW												MATERIALS CHARGED TO OPERATOR												CREW												MATERIALS CHARGED TO OPERATOR											
Driller <i>H. B. Sanford</i>												Core Bit Serial												Driller <i>E. LeCasse</i>												Core Bit Serial												Driller <i>O. Clark</i>												Core Bit Serial											
Derrickman <i>A. Lymburner</i>												Reaming Bit Serial												Derrickman <i>W. Johnson</i>												Reaming Bit Serial												Derrickman <i>H. H. H. & L. K.</i>												Reaming Bit Serial											
Cat Headman <i>E. Duperron</i>												Core Cutters SF. HF. Core Catchers SF. HF.												Cat Headman <i>W. Bersthyser</i>												Core Cutters SF. HF. Core Catchers SF. HF.												Cat Headman												Core Cutters SF. HF. Core Catchers SF. HF.											
Rotary Helper <i>C. Huculak</i>												Swab Cups Swab Rubbers												Rotary Helper <i>R. W. Hains</i>												Swab Cups Swab Rubbers												Rotary Helper <i>L. Sweezy</i>												Swab Cups Swab Rubbers											
Fireman <i>D. Mackay</i>																								Fireman <i>L. Duperron</i>																								Fireman <i>A. McIntosh</i>																							
Leaseman																								Leaseman																								Leaseman																							
REMARKS												FROM TO												REMARKS												FROM TO												REMARKS												FROM TO											
Lay down Pipe												12 12 ⁴⁵												Serv Rig												8 ⁰⁰ 8 ¹⁵																																			
Rig up mix cement & Plug												12 ⁴⁵ 2 ³⁰																																																											
Pull out of hole												2 ⁴⁰ 2 ⁴⁰												Tear out												8 ¹⁵ 4 ⁰⁰												Tearing Out																							
W.D.C.												2 ⁴⁰ 6 ³⁰																																																											
Run To Feel For Plug												6 ³⁰ 7 ⁰⁰																																																											
Pull out Lay down Pipe																																																																							
& start rig down												7 ⁴⁰ 8 ⁰⁰																																																											
Plug #3 285-200																																																																							
50 sack cement 2% C.C.A. 2																																																																							
Down at 2 ³⁰ AM.																																																																							
Found Plug at 186 K.B.																																																																							



[Signature]
Company Representative

GUTHRIE MCLAREN DRILLING LTD.

Well No. *Briggs West T3 Thlink Lake #1*

Date *Dec 21 1959*

Lsd. Sec. Twp. Rge. W.

Tool Pusher

Drilled From To Hole Made

Bit No.	No. Sds.	Length	Bit No.	No. Sds.	Length	Bit No.	No. Sds.	Length
Serial No.	No. D.C.'s	Length	Serial No.	No. D.C.'s	Length	Serial No.	No. D.C.'s	Length
Bit Size		Length	Bit Size		Length	Bit Size		Length
Bit Type		Length	Bit Type		Length	Bit Type		Length
Dr. from	Kelly in		Dr. from	Kelly in		Dr. from	Kelly in	
Dr. to	TOTAL		Dr. to	TOTAL		Dr. to	TOTAL	
Cored from	D.C.O.D. Top	Hrs. On Bottom	Cored from	D.C.O.D. Top	Hrs. On Bottom	Cored from	D.C.O.D. Top	Hrs. On Bottom
Cored to	D.C.I.D. Top	Hrs. Off Bottom	Cored to	D.C.I.D. Top	Hrs. Off Bottom	Cored to	D.C.I.D. Top	Hrs. Off Bottom
Reamed from	Pipe Size	Trip Time	Reamed from	Pipe Size	Trip Time	Reamed from	Pipe Size	Trip Time
Reamed to	C.S.G. Set at	Serv. Time	Reamed to	C.S.G. Set at	Serv. Time	Reamed to	C.S.G. Set at	Serv. Time
Total Bit Footage	C.S.G. Size	Rep. Time	Total Bit Footage	C.S.G. Size	Rep. Time	Total Bit Footage	C.S.G. Size	Rep. Time
Bit Hrs.	Pipe in Hole	Jts.	Bit Hrs.	Pipe in Hole	Jts.	Bit Hrs.	Pipe in Hole	Jts.
Table R.P.M.	Pipe on Racks	Jts.	Table R.P.M.	Pipe on Racks	Jts.	Table R.P.M.	Pipe on Racks	Jts.

ch	Deviation	Total Pipe on Lease	Jts.	Yesterday	Depth	Deviation	Total Pipe on Lease	Jts.		Depth	Deviation	Total Pipe on Lease	Jts.
o	Deviation			Consumption	Gals.	Depth	Deviation			Depth	Deviation		
o	Deviation					Depth	Deviation			Depth	Deviation		
o	Deviation					Depth	Deviation			Depth	Deviation		

Time	Wt.	Vis.	Pump Stroke	Pump Pressure	Pit Gauge	Water Added	No. 1 Pump Size	No. 2 Pump Size	Time	Wt.	Vis.	Pump Stroke	Pump Pressure	Pit Gauge	Water Added	No. 1 Pump Size	No. 2 Pump Size
12	9.6	very	66	425			Liner Size 7 1/4 x 14	Liner Size 6"	8							Liner Size	Liner Size
1	9.6	He	66	425			Water-Loss	Filter Cake	9							Water-Loss	Filter Cake
2	9.4		66	425			8	7/32	10								
3	9.3		66	425					11								
4	Thief								12								
5	S						Mud Added Sacks	Rag-Flo 250#	1							Mud Added Sacks	
6							Chemicals Added Lbs.	CRUSTIC 200#	2							Chemicals Added Lbs.	
7	TEST								3								

CREW	MATERIALS CHARGED TO OPERATOR	CREW	MATERIALS CHARGED TO OPERATOR	CREW	MATERIALS CHARGED TO OPERATOR
Driller <i>H. B. M. S. D.</i>	Core Bit	Driller <i>E. H. G. S. S.</i>	Core Bit	Driller <i>D. Clark</i>	Core Bit
Derrickman <i>A. L. M. B. R. N.</i>	Reaming Bit	Derrickman <i>W. Johnson</i>	Reaming Bit	Derrickman <i>H. Hucular</i>	Reaming Bit
Cat Headman <i>L. Duperron</i>	Core Cutters SF. HF.	Cat Headman <i>N. B. S. T. S. E. R.</i>	Core Cutters SF. HF.	Cat Headman <i>L. Sweep</i>	Core Cutters SF. HF.
Rotary Helper <i>C. N. G. E. L. A. K.</i>	Swab Cups	Rotary Helper <i>R. Wilkins</i>	Swab Cups	Rotary Helper <i>A. McIntosh</i>	Swab Cups
Fireman <i>D. M. Z. E. K. Y.</i>		Fireman <i>L. Duperron</i>		Fireman <i>H. Buggy</i>	
Leaseman		Leaseman		Leaseman	

REMARKS	FROM	TO	REMARKS	FROM	TO	REMARKS	FROM	TO
Service Rig	1200	1215	Service Rig	8	815	Pump Down Plug #1	400	415
Circulate Prior To Test	1215	130	Testing	815	915	Ran in To Seal Plug #1	1000	1045
Condition mud	130	315	Final Shut-in	915	945	Pull up run Plug #2	1045	1130
Pull out To Test	315	430	Pull out	945	1100	Lay Down Pipe	1130	1200
Make up Test Tool	430	545	Break & Lay down Tool	1100	1245			
Ran in with Packer	545	700	Ran back in hole open end	1245	145			
Testing	700	800	Circulate & Rig up To Plug	145	315			
			Mixing cement & Pumping Plug	315	400			
			Plug #1 3130-2890. 75 S&X					
			Construction cement & 2% C.L. RA2					

Company Representative

GUTHRIE MCLAREN DRILLING LTD.

Well No. BRIGGS WEST TATH LINA LAKE

Date DEC 30 / 59

Lsd. Sec. Twp. Rge. W.

Drilled From To Hole Made

Bit No.	2	No. Stds.	48-3	Length	2989 91	Bit No.	2	No. Stds.	48-3	Length	2989 71
Serial No.	693249	No. D.C.'s	4	Length	11370	Serial No.	693249	No. D.C.'s	4	Length	11370
Bit Size	7 3/8			Length		Bit Size	7 3/8			Length	
Bit Type	VTI R.R.			Length		Bit Type	VTI			Length	
Dr. from	1517	Kelly in			2659	Dr. from	1517	Kelly in			2659
Dr. to	3130	TOTAL			313000	Dr. to	3130	TOTAL			313000
Cored from		D.C.O.D. Top	6 1/2	Hrs. On Bottom		Cored from		D.C.O.D. Top	6 1/2	Hrs. On Bottom	
Cored to		D.C.I.D. Top	2 3/4	Hrs. Off Bottom		Cored to		D.C.I.D. Top	2 3/4	Hrs. Off Bottom	
Reamed from		Pipe Size	1 1/2	Trip Time		Reamed from		Pipe Size	1 1/2	Trip Time	
Reamed to		C.S.G. Set at		Serv. Time		Reamed to		C.S.G. Set at		Serv. Time	
Total Bit Footage		C.S.G. Size		Rep. Time		Total Bit Footage		C.S.G. Size		Rep. Time	
Bit Hrs.		Pipe in Hole	Jts.	Diesel Fuel Meter Reading		Bit Hrs.		Pipe in Hole	Jts.	REMARKS:	
Table R.P.M.		Pipe on Racks	Jts.	Today		Table R.P.M.		Pipe on Racks	Jts.		

Depth	Deviation	Total Pipe on Lease	Jts.	Yesterday		Depth	Deviation	Total Pipe on Lease	Jts.		
Depth	Deviation			Consumption	Gals.	Depth	Deviation				
Depth	Deviation					Depth	Deviation				

Time	Wt.	Vis.	Pump Stroke	Pump Pressure	Pit Gauge	Water Added	No. 1 Pump Size	No. 2 Pump Size	Time	Wt.	Vis.	Pump Stroke	Pump Pressure	Pit Gauge	Water Added	No. 1 Pump Size	No. 2 Pump Size
12			RUN in clean				Liner Size 6"	Liner Size	4							Liner Size 6"	Liner Size
1			OUT 23				Water-Loss	Filter Cake	5							Water-Loss	Filter Cake
2	78	125	66	200	23				6								
3	8	110	66	200	23				7								
4	85	97	66	200	23				8								
5	92	105	66	400	23		Mud Added Sacks	Magnum 300	9	96	86	66	400	23		Mud Added Sacks	500
6	94	76	66	400	23		Chemicals Added Lbs.		10	94	76	66	400	23		Chemicals Added Lbs.	MI-LC FEL-500
7			TRIP						11	96	83	66	400	23			

CREW	MATERIALS CHARGED TO OPERATOR	CREW	MATERIALS CHARGED TO OPERATOR	CREW	MATERIALS CHARGED TO OPERATOR
Driller H. BARNFORD	Core Bit	Driller E. LACASSE	Core Bit	Driller O. CLARK	Core Bit
Derrickman ALUMBERNER	Reaming Bit	Derrickman W. JOHNSON	Reaming Bit	Derrickman H. HURDLAR	Reaming Bit
Headman F. DUPERROU	Core Cutters SF. HF.	Cat Headman W. BERRISTER	Core Cutters SF. HF.	Cat Headman A. MCINTOSH	Core Cutters SF. HF.
Rotary Helper C. HUCKLAR	Swab Cups	Rotary Helper A. WILLIAMS	Swab Cups	Rotary Helper	Swab Cups
Rotary Helper		Rotary Helper		Rotary Helper	
Fireman D. MACKAY		Fireman L. DUPERROU		Fireman H. BULLY	
Leaseman		Leaseman		Leaseman	

REMARKS	FROM	TO	REMARKS	FROM	TO	REMARKS	FROM	TO
SERVICE Rig	1200	1215	SERV. R.B.	8	8:15	TESTING	400	430
TESTING WITH SCHWUMBERGER	1215	1230	RUN FORM. TEST w/ SCHLUMB.	8:15	10:30	PULL TEST	430	600
COULDN'T GET TO BOTTOM.			PICK & MAKE up UTL Tool.	10:30	12:15	BREAK & LAY DOWN TOOL.	600	700
RUN in to CLEAN HOLE	1230	200	RUN in w/ PACKER	12:15	1:15	RUN in with 7 3/8 BIT	700	850
CORE CLEAN HOLE MIX MUD	200	600	T.S.T.	1:15	1:45	CLEAN out to BOTTOM	850	900
PULL OUT TO TEST	600	730	Tool OPEN	1:45		CLEAR PUMP TO TESTING	900	1200
Rig up tool FOR SCHWUMBERGER	730	800				MIXING mud & chemical		
			TEST # H. SHADDE 6 7/8 PACKERS					
			INT TESTED 2822-2852					
			T.S.F. 30 MIN.					
			Tool OPENED 1302 MIN.					
			W/IRK AIR P.F.F. THROUGHOUT TEST					
			Rec. 30' mud - 22 click on top.					
			1 HP 1447 PSI FHP 1717 PSI					
			151 255 F51 60					
			1 FF 46 FFP 46					

Art W. H. H. H.
Company Representative

GUTHRIE MCLAREN DRILLING LTD.

Well No. West Tethlinz L2K#1

Date Dec 17 1959

Lsd. _____ Sec. _____ Twp. _____ Rge. _____ W. _____

Tool Pusher

Drilled From _____ To _____ Hole Made _____

Bit No.	No. Stds.	Length	Bit No.	No. Stds.	Length	Bit No.	No. Stds.	Length
Serial No.	No. D.C.'s	Length	Serial No.	No. D.C.'s	Length	Serial No.	No. D.C.'s	Length
Bit Size		Length	Bit Size		Length	Bit Size		Length
Bit Type		Length	Bit Type		Length	Bit Type		Length
Dr. from	Kelly in		Dr. from	Kelly in		Dr. from	Kelly in	
Dr. to	TOTAL		Dr. to	TOTAL		Dr. to	TOTAL	
Cored from	D.C.O.D. Top	Hrs. On Bottom	Cored from	D.C.O.D. Top	Hrs. On Bottom	Cored from	D.C.O.D. Top	Hrs. On Bottom
Cored to	D.C.I.D. Top	Hrs. Off Bottom	Cored to	D.C.I.D. Top	Hrs. Off Bottom	Cored to	D.C.I.D. Top	Hrs. Off Bottom
Reamed from	Pipe Size	Trip Time	Reamed from	Pipe Size	Trip Time	Reamed from	Pipe Size	Trip Time
Reamed to	C.S.G. Set at	Serv. Time	Reamed to	C.S.G. Set at	Serv. Time	Reamed to	C.S.G. Set at	Serv. Time
Total Bit Footage	C.S.G. Size	Rep. Time	Total Bit Footage	C.S.G. Size	Rep. Time	Total Bit Footage	C.S.G. Size	Rep. Time
Bit Hrs.	Pipe in Hole	Jts.	Bit Hrs.	Pipe in Hole	Jts.	Bit Hrs.	Pipe in Hole	Jts.
Table R.P.M.	Pipe on Racks	Jts.	Table R.P.M.	Pipe on Racks	Jts.	Table R.P.M.	Pipe on Racks	Jts.

Depth	Deviation	Total Pipe on Lease	Jts.	Yesterday	Depth	Deviation	Total Pipe on Lease	Jts.	Yesterday
Depth	Deviation			Consumption	Depth	Deviation			Consumption
Depth	Deviation				Depth	Deviation			
Depth	Deviation				Depth	Deviation			

Time	Wt.	Vis.	Pump Stroke	Pump Pres-sure	Pit Gauge	Water Added	No. 1 Pump Size	No. 2 Pump Size	Time	Wt.	Vis.	Pump Stroke	Pump Pres-sure	Pit Gauge	Water Added	No. 1 Pump Size	No. 2 Pump Size
12							Liner Size	Liner Size	8							Liner Size	Liner Size
1							Water-Loss	Filter Cake	9							Water-Loss	Filter Cake
2									10								
3									11								
4									12								
5							Mud Added Sacks		1							Mud Added Sacks	
6							Chemicals Added Lbs.		2							Chemicals Added Lbs.	
7									3								

CREW	MATERIALS CHARGED TO OPERATOR	CREW	MATERIALS CHARGED TO OPERATOR	CREW	MATERIALS CHARGED TO OPERATOR
Driller <u>O. Clark</u>	Core Bit	Driller <u>H. B. Bond</u>	Core Bit	Driller <u>E. L. S. S. P.</u>	Core Bit
Derrickman <u>H. H. H. H.</u>	Reaming Bit	Derrickman <u>A. L. L. L. L.</u>	Reaming Bit	Derrickman <u>W. L. L. L. L.</u>	Reaming Bit
Headman <u>A. McIntosh</u>	Core Cutters SF. HF.	Headman <u>E. L. L. L. L.</u>	Core Cutters SF. HF.	Headman <u>N. B. B. B. B.</u>	Core Cutters SF. HF.
Rotary Helper <u>L. Sweezy</u>	Swab Cups	Rotary Helper <u>C. H. H. H. H.</u>	Swab Cups	Rotary Helper <u>R. W. W. W. W.</u>	Swab Cups
Fireman <u>H. B. B. B. B.</u>		Fireman <u>J. G. G. G. G.</u>		Fireman <u>L. D. D. D. D.</u>	
Leaseman		Leaseman		Leaseman	

REMARKS	FROM	TO	REMARKS	FROM	TO	REMARKS	FROM	TO
Running in hole 10 singles at 2 time before circulating mud. gassy & oil. Flocked Maycobat engine checked mud. for oil content found 3%.			Pulled out of hole at 1680 H.B. Ran in hole with United Tester open hole Production Packer. Packer set at 410 H.B. on 2 1/2 E.U.E. Tubing			Swabbing well from 410 ft. swabbed fluid down to 350 ft H.B. including annulus no show of gas or oil. Packed Packer Loose started out of hole		
L. Sweezy injured Right Hand at 300 A.M.			Perforations in tubing at 400' - one					

Arthur J. Schilling
Company Representative
Tool Pusher

GUTHRIE MCLAREN DRILLING LTD.

Well No. *West Tethling Lake #1*

Date *Dec 16 1959*

Lsd. Sec. Twp. Rge. W.

Drilled From *0* To *41* Hole Made *41*

Drilled From To Hole Made

Drilled From To Hole Made

Bit No.	<i>1</i>	No. Stds.	Length
Serial No.	<i>Regum</i>	No. D.C.'s	Length
Bit Size	<i>9"</i>		Length
Bit Type	<i>0.5 (12)</i>		Length
Dr. from	<i>0</i>	Kelly In =	<i>Down 46.52</i>
Dr. to	<i>41</i>	TOTAL =	
Cored from		D.C.O.D. Top	Hrs. On Bottom
Cored to		D.C.I.D. Top	Hrs. Off Bottom
Reamed from		Pipe Size	Trip Time
Reamed to		C.S.G. Set at	Serv. Time
Total Bit Footage		C.S.G. Size	Rep. Time
Bit Hrs.		Pipe in Hole	Jts. Diesel Fuel Meter Reading
Table R.P.M.		Pipe on Racks	Jts. Today

Bit No.	<i>1</i>	No. Stds.	<i>3</i>	Length	<i>181.21</i>
Serial No.	<i>Regum</i>	No. D.C.'s	<i>2</i>	Length	<i>56.87</i>
Bit Size	<i>9"</i>			Length	
Bit Type	<i>0.5 (12)</i>			Length	
Dr. from	<i>0</i>	Kelly In =			
Dr. to	<i>278</i>	TOTAL =		<i>278.00</i>	
Cored from		D.C.O.D. Top		Hrs. On Bottom	
Cored to		D.C.I.D. Top		Hrs. Off Bottom	
Reamed from		Pipe Size		Trip Time	
Reamed to		C.S.G. Set at		Serv. Time	
Total Bit Footage		C.S.G. Size		Rep. Time	
Bit Hrs.		Pipe in Hole	Jts.	REMARKS:	
Table R.P.M.		Pipe on Racks	Jts.		

Bit No.	<i>1</i>	No. Stds.	<i>10</i>	Length	<i>605.54</i>
Serial No.	<i>Regum</i>	No. D.C.'s	<i>2</i>	Length	<i>56.87</i>
Bit Size	<i>9"</i>			Length	
Bit Type	<i>0.5 (12)</i>			Length	
Dr. from	<i>0</i>	Kelly In =			<i>39.09</i>
Dr. to	<i>702</i>	TOTAL =		<i>702.00</i>	
Cored from		D.C.O.D. Top		Hrs. On Bottom	
Cored to		D.C.I.D. Top		Hrs. Off Bottom	
Reamed from		Pipe Size		Trip Time	
Reamed to		C.S.G. Set at		Serv. Time	
Total Bit Footage		C.S.G. Size		Rep. Time	
Bit Hrs.		Pipe in Hole	Jts.	REMARKS:	
Table R.P.M.		Pipe on Racks	Jts.		

Depth	Deviation	Total Pipe on Lease	Jts.	Yesterday
Depth	Deviation	Consumption	Gals.	
Depth	Deviation			
Depth	Deviation			

Depth	Deviation	Total Pipe on Lease	Jts.	
Depth	Deviation			
Depth	Deviation			
Depth	Deviation			

Depth	Deviation	Total Pipe on Lease	Jts.	
Depth	Deviation			
Depth	Deviation			
Depth	Deviation			

Time	Wt.	Vis.	Pump Stroke	Pump Pressure	Pit Gauge	Water Added	No. 1 Pump Size	No. 2 Pump Size
12							Liner Size	Liner Size
1							Water-Loss	Filter Cake
2								
3								
4								
5							Mud Added Sacks	
6							Chemicals Added Lbs.	
7								

Time	Wt.	Vis.	Pump Stroke	Pump Pressure	Pit Gauge	Water Added	No. 1 Pump Size	No. 2 Pump Size
8	<i>8.6</i>	<i>30</i>					Liner Size <i>6"</i>	Liner Size
9	<i>8.6</i>	<i>30</i>					Water-Loss	Filter Cake
10	<i>8.6</i>	<i>30</i>						
11	<i>8.6</i>	<i>30</i>						
12	<i>8.6</i>	<i>30</i>						
1	<i>8.6</i>	<i>30</i>					Mud Added Sacks	
2	<i>8.6</i>	<i>30</i>					Chemicals Added Lbs.	<i>350 lb. Bicarb</i>
3	<i>8.6</i>	<i>30</i>						

Time	Wt.	Vis.	Pump Stroke	Pump Pressure	Pit Gauge	Water Added	No. 1 Pump Size	No. 2 Pump Size
4							Liner Size	Liner Size
5							Water-Loss	Filter Cake
6								
7								
8								
9							Mud Added Sacks	<i>20 sack m/c gel</i>
10							Chemicals Added Lbs.	<i>200 lb Rustic</i>
11								<i>14 sack Kembrak</i>

CREW	MATERIALS CHARGED TO OPERATOR
Driller <i>O. Clark</i>	Core Bit Serial
Derrickman <i>H. Hucalak</i>	Reaming Bit Serial
Headman	Core Cutters SF. HF. Core Catchers SF. HF.
Rotary Helper <i>A. McIntosh</i>	Swab Cups Swab Rubbers
Rotary Helper	
Fireman	
Leaseman	

CREW	MATERIALS CHARGED TO OPERATOR
Driller <i>H. Bzmford</i>	Core Bit Serial
Derrickman <i>A. Lymburner</i>	Reaming Bit Serial
Cat Headman	Core Cutters SF. HF. Core Catchers SF. HF.
Rotary Helper <i>E. B. Penroy</i>	Swab Cups Swab Rubbers
Rotary Helper <i>C. Hucalak</i>	
Fireman <i>D. Markey</i>	
Leaseman <i>J. Genger</i>	

CREW	MATERIALS CHARGED TO OPERATOR
Driller <i>E. L. Cass</i>	Core Bit Serial
Derrickman <i>W. Johnson</i>	Reaming Bit Serial
Cat Headman	Core Cutters SF. HF. Core Catchers SF. HF.
Rotary Helper <i>N. Bengtson</i>	Swab Cups Swab Rubbers
Rotary Helper <i>R. Wilkins</i>	
Fireman <i>I. Duperron</i>	
Leaseman	

REMARKS	FROM	TO
<i>Found Top cement Plug at 20 FT H.B.</i>		
<i>Drilled out at 24 FT. H.B.</i>		
<i>Picked up Drill collors. checked all B.O.P. started in hole.</i>		

REMARKS	FROM	TO
<i>Ran in hole to Top Plug #1 Found Plug at 166 K.B. Bottom of Plug 264</i>		
<i>When plug was drilled out oil & gas blew or "lifted" over the rotary table. The BOP's were temporarily closed and the pressure soon bled off.</i>		
<i>- W. R. Clark</i>		

REMARKS	FROM	TO
<i>Ran in hole to 702 K.B. mixing mud & chemicals displacing old mud over shale shaker showing oil flecks & Gassified mud. From 702.</i>		

Company Representative

GUTHRIE McLAREN DRILLING LTD.

Well No. West Tethling Lake #1

Date Dec 14 1959

$\mu_B = 971$

Lsd. Sec. Twp. Rge. W.

Tool Pusher

Drilled From _____ To _____ Hole Made _____ Drilled From _____ To _____ Hole Made _____ Drilled From _____ To _____ Hole Made _____

Bit No.		No. Stds.	Length	Bit No.		No. Stds.	Length	Bit No.		No. Stds.	Length
Serial No.		No. D.C.'s	Length	Serial No.		No. D.C.'s	Length	Serial No.		No. D.C.'s	Length
Bit Size			Length	Bit Size			Length	Bit Size			Length
Bit Type			Length	Bit Type			Length	Bit Type			Length
Dr. from		Kelly in		Dr. from		Kelly in		Dr. from		Kelly in	
Dr. to		TOTAL		Dr. to		TOTAL		Dr. to		TOTAL	
Cored from		D.C.O.D. Top	Hrs. On Bottom	Cored from		D.C.O.D. Top	Hrs. On Bottom	Cored from		D.C.O.D. Top	Hrs. On Bottom
Cored to		D.C.I.D. Top	Hrs. Off Bottom	Cored to		D.C.I.D. Top	Hrs. Off Bottom	Cored to		D.C.I.D. Top	Hrs. Off Bottom
Reamed from		Pipe Size	Trip Time	Reamed from		Pipe Size	Trip Time	Reamed from		Pipe Size	Trip Time
Reamed to		C.S.G. Set at	Serv. Time	Reamed to		C.S.G. Set at	Serv. Time	Reamed to		C.S.G. Set at	Serv. Time
Total Bit Footage		C.S.G. Size	Rep. Time	Total Bit Footage		C.S.G. Size	Rep. Time	Total Bit Footage		C.S.G. Size	Rep. Time
Bit Hrs.		Pipe in Hole	Jts.	Bit Hrs.		Pipe in Hole	Jts.	Bit Hrs.		Pipe in Hole	Jts.
Table R.P.M.											

Depth	Deviation	Total Pipe on Lease	Jts.	Yesterday	Depth	Deviation	Total Pipe on Lease	Jts.	Depth	Deviation	Total Pipe on Lease	Jts.
Depth	Deviation			Consumption	Gals.	Depth	Deviation		Depth	Deviation		
Depth	Deviation					Depth	Deviation		Depth	Deviation		
Depth	Deviation					Depth	Deviation		Depth	Deviation		
Depth	Deviation					Depth	Deviation		Depth	Deviation		

Time	Wt.	Vis.	Pump Stroke	Pump Pres- sure	Pit Gauge	Water Added	No. 1 Pump Size	No. 2 Pum. Size	Time	Wt.	Vis.	Pump Stroke	Pump Pres- sure	Pit Gauge	Water Added	No. 1 Pump Size	No. 2 Pump Size	Time	Wt.	Vis.	Pump Stroke	Pump Pres- sure	Pit Gauge	Water Added	No. 1 Pump Size	No. 2 Pump Size	
12							Liner Size	Liner Size	8							Liner Size	Liner Size	4							Liner Size	Liner Size	
1							Water-Loss	Filter Cake	PH	9						Water-Loss	Filter Cake	PH	5						Water-Loss	Filter Cake	PH
2										10									6								
3										11									7								
4										12									8								
5							Mud Added Sacks			1						Mud Added Sacks			9						Mud Added Sacks		
6																											

CREW		MATERIALS CHARGED TO OPERATOR		CREW		MATERIALS CHARGED TO OPERATOR		CREW		MATERIALS CHARGED TO OPERATOR	
Driller	O. Clark	Core Bit	Serial	Driller	H. Bamford	Core Bit	Serial	Driller	E. J. J. S. S. P.	Core Bit	Serial
Derrickman	H. Huc2/k.	Reaming Bit	Serial	Derrickman	A. Lymburner	Reaming Bit	Serial	Derrickman	W. Johnson	Reaming Bit	Serial
Headman		Core Cutters SF. HF.	Core Catchers SF. HF.	Cat Headman		Core Cutters SF. HF.	Core Catchers SF. HF.	Cat Headman		Core Cutters SF. HF.	Core Catchers SF. HF.
Rotary Helper	A. McIntosh	Swab Cups	Swab Rubbers	Rotary Helper	F. B. Porron	Swab Cups	Swab Rubbers	Rotary Helper	N. Hester	Swab Cups	Swab Rubbers
Rotary Helper	L. Sweczy			Rotary Helper	C. Huc2/k.			Rotary Helper	R. W. Kins		
Fireman				Fireman	D. Mac Key			Fireman	L. Du Perno		
Leaseman				Leaseman	J. Gerber			Leaseman			

[illegible]

Company Representative

GUTHRIE McLAREN DRILLING LTD.

Well No. West Tathlina Lake #1

Lsd. Sec. Twp. Rge. W.

Date Dec 13 1959

Tool Pusher

[illegible]

Bit No.		No. Stds.	Length	Bit No.		No. Stds.	Length	Bit No.		No. Stds.	Length
Serial No.		No. D.C.'s	Length	Serial No.		No. D.C.'s	Length	Serial No.		No. D.C.'s	Length
Bit Size			Length	Bit Size			Length	Bit Size			Length
Bit Type			Length	Bit Type			Length	Bit Type			Length
Dr. from		Kelly in		Dr. from		Kelly in		Dr. from		Kelly in	
Dr. to		TOTAL		Dr. to		TOTAL		Dr. to		TOTAL	
Cored from		D.C.O.D. Top	Hrs. On Bottom	Cored from		D.C.O.D. Top	Hrs. On Bottom	Cored from		D.C.O.D. Top	Hrs. On Bottom
Cored to		D.C.I.D. Top	Hrs. Off Bottom	Cored to		D.C.I.D. Top	Hrs. Off Bottom	Cored to		D.C.I.D. Top	Hrs. Off Bottom
Reamed from		Pipe Size	Trip Time	Reamed from		Pipe Size	Trip Time	Reamed from		Pipe Size	Trip Time
Reamed to		C.S.G. Set at	Serv. Time	Reamed to		C.S.G. Set at	Serv. Time	Reamed to		C.S.G. Set at	Serv. Time
Total Bit Footage		C.S.G. Size	Rep. Time	Total Bit Footage		C.S.G. Size	Rep. Time	Total Bit Footage		C.S.G. Size	Rep. Time
Bit Hrs.		Pipe in Hole	Jts.	Bit Hrs.		Pipe in Hole	Jts.	Bit Hrs.		Pipe in Hole	Jts.
Table R.P.M.		Pipe on Racks	Jts.	Table R.P.M.		Pipe on Racks	Jts.	Table R.P.M.		Pipe on Racks	Jts.
			Diesel Fuel Meter Reading				REMARKS:				REMARKS:</

Depth	Deviation	Total Pipe on Lease	Jts.	Yesterday		Depth	Deviation	Total Pipe on Lease	Jts.		Depth	Deviation	Total Pipe on Lease	Jts.	
Depth	Deviation			Consumption	Gals.	Depth	Deviation				Depth	Deviation			
Depth	Deviation					Depth	Deviation				Depth	Deviation			
Depth	Deviation					Depth	Deviation				Depth	Deviation			

[illegible]

CREW		MATERIALS CHARGED TO OPERATOR		CREW		MATERIALS CHARGED TO OPERATOR		CREW		MATERIALS CHARGED TO OPERATOR	
Driller	O. C. / 2K	Core Bit	Serial	Driller	H. / 32m Sand	Core Bit	Serial	Driller	F. / 40255P	Core Bit	Serial
Derrickman	H. Hucal / 2K	Reaming Bit	Serial	Derrickman	A. - Lymburner	Reaming Bit	Serial	Derrickman	W. / 40255P	Reaming Bit	Serial
Headman		Core Cutters SF. HF.	Core Catchers SF. HF.	Cat Headman		Core Cutters SF. HF.	Core Catchers SF. HF.	Cat Headman		Core Cutters SF. HF.	Core Catchers SF. HF.
Rotary Helper	A. McINTOSH	Swab Cups	Swab Rubbers	Rotary Helper	F. DuPerroy	Swab Cups	Swab Rubbers	Rotary Helper	M. / 30255P	Swab Cups	Swab Rubbers
Rotary Helper	L. Sweezy			Rotary Helper	H. Hucal / 2K			Rotary Helper	R. W. / 40255P		
Fireman				Fireman	D. / 32m Sand			Fireman	L. DuPerroy		
Leaseman				Leaseman	I. / 32m Sand			Leaseman			

[illegible]

Pro W. H. Hines
Company Representative

GUTHRIE McLAREN DRILLING LTD.

Well No. *West Tathlina Lake #1*

Date *Dec 12 1959*

Lsd. Sec. Twp. Rge. W.

Tool Pusher

Drilled From To Hole Made

Bit No.	No. Stds.	Length	Bit No.	No. Stds.	Length	Bit No.	No. Stds.	Length
Serial No.	No. D.C.'s	Length	Serial No.	No. D.C.'s	Length	Serial No.	No. D.C.'s	Length
Bit Size		Length	Bit Size		Length	Bit Size		Length
Bit Type		Length	Bit Type		Length	Bit Type		Length
Dr. from	Kelly in		Dr. from	Kelly in		Dr. from	Kelly in	
Dr. to	TOTAL		Dr. to	TOTAL		Dr. to	TOTAL	
C								

Art W. D...
Company Representative

GUTHRIE McLAREN DRILLING LTD.

Well No. West Tath Line Lake #1

Date Dec 11 1959

Lsd. _____ Sec. _____ Twp. _____ Rge. _____ W. _____

Tool Pusher

Drilled From _____ To _____ Hole Made _____

Drilled From _____ To _____ Hole Made _____

Drilled From _____ To _____ Hole Made _____

Bit No.		No. Stds.	Length
Serial No.		No. D.C.'s	Length
Bit Size			Length
Bit Type			Length
Dr. from		Kelly in =	
Dr. to		TOTAL =	
Cored from		D.C.O.D. Top	Hrs. On Bottom
Cored to		D.C.I.D. Top	Hrs. Off Bottom
Reamed from		Pipe Size	Trip Time
Reamed to		C.S.G. Set at	Serv. Time
Total Bit Footage		C	

Company Representative

GUTHRIE McLAREN DRILLING LTD.

Well No. West Tipling Lake #1

Lsd. Sec. Twp. Rge. W.

Date Dec 10 1959

Too Pushy

Drilled From _____ To _____ Hole Made _____			Drilled From _____ To _____ Hole Made _____			Drilled From _____ To _____ Hole Made _____		

Bit No.			No. Stds.	Length	Bit No.			No. Stds.	Length	Bit No.			No. Stds.	Length	
Serial No.			No. D.C.'s	Length	Serial No.			No. D.C.'s	Length	Serial No.			No. D.C.'s	Length	
Bit Size				Length	Bit Size				Length	Bit Size				Length	
Bit Type				Length	Bit Type				Length	Bit Type				Length	
Dr. from			Kelly in ==		Dr. from			Kelly in ==		Dr. from			Kelly in ==		
Dr. to			TOTAL ==		Dr. to			TOTAL ==		Dr. to			TOTAL ==		
Cored from			D.C.O.D. Top	Hrs. On Bottom	Cored from			D.C.O.D. Top	Hrs. On Bottom	Cored from			D.C.O.D. Top	Hrs. On Bottom	
Cored to			D.C.I.D. Top	Hrs. Off Bottom	Cored to			D.C.I.D. Top	Hrs. Off Bottom	Cored to			D.C.I.D. Top	Hrs. Off Bottom	
Reamed from			Pipe Size	Trip Time	Reamed from			Pipe Size	Trip Time	Reamed from			Pipe Size	Trip Time	
Reamed to			C.S.G. Set at	Serv. Time	Reamed to			C.S.G. Set at	Serv. Time	Reamed to			C.S.G. Set at	Serv. Time	
Total Bit Footage			C.S.G. Size	Rep. Time	Total Bit Footage			C.S.G. Size	Rep. Time	Total Bit Footage			C.S.G. Size	Rep. Time	
Bit Hrs.			Pipe in Hole	Jts.	Diesel Fuel Meter Reading	Bit Hrs.		Pipe in Hole	Jts.	REMARKS:	Bit Hrs.		Pipe in Hole	Jts.	REMARKS:
Table R.P.M.			Pipe on Racks	Jts.	Today	Table R.P.M.		Pipe on Racks	Jts.		Table R.P.M.		Pipe on Racks	Jts.	

Depth	Deviation	Total Pipe on Lease	Jts.	Yesterday	Depth	Deviation	Total Pipe on Lease	Jts.	Depth	Deviation	Total Pipe on Lease	Jts.
Depth	Deviation			Consumption	Gals.	Depth	Deviation		Depth	Deviation		
Depth	Deviation					Depth	Deviation		Depth	Deviation		
Depth	Deviation					Depth	Deviation		Depth	Deviation		

[illegible]

CREW		MATERIALS CHARGED TO OPERATOR		CREW		MATERIALS CHARGED TO OPERATOR		CREW		MATERIALS CHARGED TO OPERATOR	
Driller	D. C. 12-16	Core Bit	Serial	Driller	H. Bamford	Core Bit	Serial	Driller	E. J. 2550	Core Bit	Serial
Derrickman	H. Huc 12 K.	Reaming Bit	Serial	Derrickman	A. Lymburner	Reaming Bit	Serial	Derrickman	W. Johnson	Reaming Bit	Serial
Cat Headman		Core Cutters SF. HF.	Core Catchers SF. HF.	Cat Headman		Core Cutters SF. HF.	Core Catchers SF. HF.	Cat Headman		Core Cutters SF. HF.	Core Catchers SF. HF.
Rotary Helper	A. McIntosh	Swab Cups	Swab Rubbers	Rotary Helper	F. DuPerron	Swab Cups	Swab Rubbers	Rotary Helper	N. Berger	Swab Cups	Swab Rubbers
Rotary Helper	L. Swezey			Rotary Helper	C. Huc 12 K.			Rotary Helper	R. Wilkins		
Fireman				Fireman	D. Mackey			Fireman	L. DuPerron		
Leaseman				Leaseman	L. Gerbent			Leaseman			

REMARKS	FROM	TO	REMARKS	FROM	TO	REMARKS	FROM	TO
Traveling To			Hay River N.W.T.					

COMPANY D. Todd Briccs

CONTRACTOR PETER B. WOODEN DRILLING RIG No. 11

DAILY REPORT

DATE March 16, 1979

BOARD COPY
(TO BE SENT TO BOARD
FIELD OFFICE)

Name of Well W. TATHLINE LAKE No. 1 K. B. Elev. 969

	FIRST TOUR 12:00 p.m. — 8:00 a.m.							
DEPTH	Start of Tour		Hole Made This Tour			End of Tour		
						3250 TD		
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 FLOPPING	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	
	2	270-170	40	2% CMC	1220	159	8	
LOGS	Type	Int.						
	12 ⁰⁰ 12 ³⁰ RUN CEMENT PLUG # 2							
	12 ³⁰ 12 ⁴⁰ W/O/C & TEAR CUT							
	7.36-860 RAW IN + FELT PLUG							
REMARKS	RIG RELEASED 8AM							
	Operator _____ Driller <u>E. MILL</u>							

	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 FLOPPING	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.						
	8:00-400 TEARING OUT TO MOVE							
REMARKS								
	Operator _____ Driller _____							

	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	
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 FLOPPING	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								
	Operator _____ Driller _____							

	FIRST TOUR12:00 p.m. — 8:00 a.m.								SECOND TOUR8:00 a.m. — 4:00 p.m.								THIRD TOUR4:00 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																																					
	3158		0				3158		3158		—				3158		3158		—				3158																																					
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								8																																																	
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 1/2	20RR	ose	To clean																																								
DRILL PIPE	Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.								Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.	Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.																																			
																					4 1/2	898	3.87	3024	124.15	7950	5.29																																	
MUD RECORD	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																																					
SURVEY	Depth	Degrees Off		Depth		Degrees Off									Depth	Degrees Off		Depth		Degrees Off																																								
	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives								Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives																																					
CASING RUN																																																												
PERFORATING	Interval	Shot/Ft.		Type		Interval		Shot/Ft.		Type								Interval	Shot/Ft.		Type		Interval		Shot/Ft.		Type																																	
ACIDIZING or FLOoding	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				min.				Valve Open	min.				Shut in				min.				Valve Open	min.				Shut in				min.																								
	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.																																
ABANDONMENT PLUGS	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.																										
	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.																												
	12-8 Logging w/ SCHLUMBERGER.																														9-930 Logging w/ SCHLUMBERGER																													
REMARKS	Loggers Bottom @ 3158.																														93010 TEAR OUT LOG EQUIP.																													
																															10-1030 TAIL OUT BOTH INSIDE & OUT HOOK																													
																															1030-1145 Run in TO CLEAN FOR TEST																													
																															114513 BREAK CIRC.																													
Operator		Driller H. Carter																		Operator		Driller E. M. M.																		Operator		Driller																		

COMPANY B. T. D. B. Co.

CONTRACTOR P. Bawden, Dalg RIG No. 11

DAILY REPORT

DATE MAR 9 / 58

BOARD COPY
(TO BE SENT TO BOARD
FIELD OFFICE)

Name of Well L. TATILINA LAKE No. 1 K. B. Elev. 969

	FIRST TOUR 12:00 p.m. — 8:00 a.m.							
DEPTH	Start of Tour		Hole Made This Tour		End of Tour			
	2951		64		3015			
TIME	On Bottom		Off Bottom		On Bottom		Off Bottom	
	5 1/2		2 1/2					
BIT RECORD	Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.
	7 7/8	17	OSC	23659	15	130	64	5 1/2
DRILL PIPE	Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.		
	4 1/2	2558.44		4.74.09	23.05			
MUD RECORD	Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind	
	12:30	10.4	53		11.0	CCL 1100		
CORING	Time	Interval		Ft. Cut		Ft. Rec'd		Type
	8:00	10.7		76		120		CIPAN 15"
SURVEY	Depth	Degrees Off		Depth	Degrees Off			
	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives
CASING RUN								
PERFORATING	Interval	Shot/Ft.		Type		Interval		Shot/Ft.
ACIDIZING or PACING	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.						
ABANDONMENT PLUGS	I.S.I.P.	H.P.		F.P.		S.I.P.		
	No.	Interval	Cement	Additive	Plug Down	Felt At	Time	
LOGS	Type	Int.						
	12-12 ¹⁵ BREAK CIRCULATION + CHECK B.C.P.							
	12 ¹⁵ -4 ³⁰ DRAG 7 7/8 HOLE.							
	4 ³⁰ -4 ⁴⁵ CIR. + CHECK SAMPLES.							
	4 ⁴⁵ -5 ⁰⁰ DRAG 7 7/8 HOLE.							
	5 ⁰⁰ -5 ³⁰ CIRCULATE SAMPLE.							
REMARKS	5 ³⁰ -6 ¹⁵ DRAG							
	6 ¹⁵ -6 ³⁵ CIRCULATE SAMPLE							
	6 ³⁵ -8 ⁰⁰ WORK PIPE + CONDITION MUD.							
	Operator							
	Driller <u>H. Carter</u>							

SECOND TOUR 8:00 a.m. — 4:00 p.m.							
Start of Tour		Hole Made This Tour		End of Tour			
3015				3015			
On Bottom		Off Bottom		On Bottom		Off Bottom	
		8					
Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.
7 7/8	17	OSC	DULL	15	130	64	5 1/2
Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.		
4 1/2	2558.44		4.74.09	23.05			
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.
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.						
I.S.I.P.	H.P.		F.P.		S.I.P.		
No.	Interval	Cement	Additive	Plug Down	Felt At	Time	
Type	Int.						
7 ⁰⁰ 9 ³⁰ PULL OUT TO TEST							
9 ³⁰ 10 ⁴⁵ PICK UP PACKER + MAKE UP SAME							
10 ⁴⁵ 12 ⁰⁰ RUN IN W/ PACKER							
12 ⁰⁰ 2 ⁰⁰ TESTING							
2 ⁰⁰ 4 ⁰⁰ PULL OUT W/ PACKER BREAK PACKER + LAYDOWN SAME							
Operator							
Driller <u>L. Miller</u>							

THIRD TOUR 4:00 p.m. — 12:00 p.m.							
Start of Tour		Hole Made This Tour		End of Tour			
3015		42 321		3047 3057			
On Bottom		Off Bottom		On Bottom		Off Bottom	
4 1/2		3 1/2					
Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.
7 7/8	18	OSC	Run	15	175	32	4 1/2
Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.		
4 1/2	2558.86		29.38	436.71	20.93		
Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind	
7:00	10.4	84		12.0			
11:00	10.4	86		12.0			
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.
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.						
I.S.I.P.	H.P.		F.P.		S.I.P.		
No.	Interval	Cement	Additive	Plug Down	Felt At	Time	
Type	Int.						
4-4 ¹⁵ KIG SER							
4 ¹⁵ -9 ³⁰ BCP CHICK							
9 ³⁰ -2 ⁴⁰ Run in w/ BIT & TANK SUB							
5 ⁰⁰ 6 BREAK CIRC							
6 ¹⁵ 7 ¹⁵ CLEAN 11' FEEL Driller 11 feet & 3026							
7 ¹⁵ 7 ³⁰ WORK TANK SUB							
7 ³⁰ 12 DRAG 7 7/8 HOLE							
Operator							
Driller							

COMPANY D. TODD BRIGGS

CONTRACTOR P. BRIDEN DALE LTD. RIG No. 11

DAILY REPORT

DATE MAR 8/59

BOARD COPY
(TO BE SENT TO BOARD
FIELD OFFICE)

Name of Well W. TATHUNA LAKE 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			
	2839		36		2875			
TIME	On Bottom		Off Bottom		On Bottom		Off Bottom	
	4 1/2		3 1/2					
BIT RECORD	Size	No.	Type	Condition	Pt. Wt.	R.P.M.	Ft. Dld	

CONTRACTOR P. B. BAUDEN JR. RIG No. 11

DAILY REPORT

DATE MAR 7 1959

BOARD COPY

(TO BE SENT TO BOARD
FIELD OFFICE)

Name of Well W. TATHANA LAKE No. 1 K. B. Elev. 969

	FIRST TOUR12:00 p.m. — 8:00 a.m.								SECOND TOUR8:00 a.m. — 4:00 p.m.								THIRD TOUR4:00 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	
	2743		41				2784		2784		31				2815		2815		24				2839	
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	
	3 1/2								7 1/4		34						6 3/4		1 1/4					
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.
	8 7/8	14	OSC 16	Good	10	130	225	15	7 7/8	15	OSC 16	Run	10	125	31	7 1/4	7 7							

COMPANY P. Todd Briggs

CONTRACTOR P. Bauden DRG RIG No. 11

DAILY REPORT

DATE MAR 12 1959

BOARD COPY
(TO BE SENT TO BOARD
FIELD OFFICE)

Name of Well W. TATHENA LAKE No. 1 K. B. Elev. 969

	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																																																																																																																																																
	2436		120				2556		2556		63				2619		2619		124				2743																																																																																																																																																
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																																																																																																																																																
	7 1/4		14						4		4						7 3/4		14																																																																																																																																																				
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.																																																																																																																																															
	7 7/8	13	OSC-3	IN	6-7	120	334	20	7 7/8	13	OSC-3	LOOSE	10	125	337	20	7 7/8	14	OSC-16	IN	10	130	184	11 3/4																																																																																																																																															
DRILL PIPE	Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.								Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.								Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.																																																																																																																																							
	4 1/2	2267.37	3A.C.9	247.24	11.30									4 1/2	2150.41		433.78	34.81									4 1/2	2269.04		433.79	40.18																																																																																																																																								
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																																																																																																																																				
	1:00	10.9	94		12.2	100 LBS.	RAY FLO								8:00	11.0	80		11.0	100	QX								6:00	11.0	70		11.0	150	MYLO-CEL																																																																																																																																				
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																																																																																																																																													
	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																																																																																																																																	
CASING RUN																																																																																																																																																																							
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 LACING	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.																																																																																																																																													
ABANDONMENT PLUGS	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.																																																																																																																																													
LOGS	Recovery:	ft.								Recovery:	ft.								Recovery:	ft.																																																																																																																																																			
		ft.									ft.									ft.																																																																																																																																																			
REMARKS	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.																																																																																																																																													
	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																																																																																																																																				
12-12" RIG SET & BOP CHECK																												8-8 1/2 DRILL 7 7/8 HOLE																												4 1/2" RIG SERVICE + CHECK R.O.P.																																																																																																															
12 1/2-8 DRUG																												9 1/2-8 3/4 CIR + DROP SURVEY @ 2555																												4 1/2" DRILLING 7 7/8" HOLE																																																																																																															
																												8 30-9 45 Blow Kelly Pull OUT WITH BIT NO. 13.																																																																																																																																											
																												9 45-11 30 Pick up GEAR DRILL COLLARS (MEASURE SAME).																																																																																																																																											
																												RUNNING WITH BIT NO. 14.																																																																																																																																											
																												11 30-12 00 CLEAN OUT DRILL OUT BIT GUIDE (CIR) TIME 20 MINS.																																																																																																																																											
																												12 00-4 00 DRILL 7 7/8 HOLE.																																																																																																																																											
Operator																												Driller <u>E. Payne</u>																												Operator																												Driller <u>H. Carter</u>																												Operator																												Driller <u>E. Mill</u>																											

COMPANY D. Todd Briggs

CONTRACTOR P. B. Borden Drilling RIG No. 11

DAILY REPORT

DATE MAR 3/59

BOARD COPY
(TO BE SENT TO BOARD
FIELD OFFICE)

Name of Well W. T. H. L. N. A. LAKE No. 1 K. B. Elev. 969

	FIRST TOUR 12:00 p.m. — 8:00 a.m.							
	Start of Tour		Hole Made This Tour			End of Tour		
DEPTH								
	On Bottom		Off Bottom		On Bottom		Off Bottom	
TIME								
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			
	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives
CASING RUN								
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.						
ABANDONMENT PLUGS	I.S.I.P.	H.P.	F.P.	S.I.P.				
	No.	Interval	Cement	Additive	Plug Down	Felt At	Time	
LOGS	Type	Int.						
	<u>12-8 W/ON CASING ROLLER</u>							
REMARKS								
Operator		Driller <u>E. Payne</u>						

	SECOND TOUR 8:00 a.m. — 4:00 p.m.							
	Start of Tour		Hole Made This Tour			End of Tour		
DEPTH								
	On Bottom		Off Bottom		On Bottom		Off Bottom	
TIME								
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			
	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives
CASING RUN								
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.						
ABANDONMENT PLUGS	I.S.I.P.	H.P.	F.P.	S.I.P.				
	No.	Interval	Cement	Additive	Plug Down	Felt At	Time	
LOGS	Type	Int.						
	<u>8-4 W/ON CASING ROLLER</u>							
REMARKS								
Operator		Driller <u>H. Carter</u>						

	THIRD TOUR 4:00 p.m. — 12:00 p.m.							
	Start of Tour		Hole Made This Tour			End of Tour		
DEPTH								
	On Bottom		Off Bottom		On Bottom		Off Bottom	
TIME								
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			
	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gde	Cement	Additives
CASING RUN								
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.						
ABANDONMENT PLUGS	I.S.I.P.	H.P.	F.P.	S.I.P.				
	No.	Interval	Cement	Additive	Plug Down	Felt At	Time	
LOGS	Type	Int.						
	<u>12-8 W/ON CASING ROLLER</u>							
REMARKS								
Operator		Driller <u>E. Miller</u>						

COMPANY D. JORD B. BIGGS

CONTRACTOR P. B. AUDEN DRUGS RIG No. 11

DAILY REPORT

DATE MAR 2 1959

BOARD COPY
(TO BE SENT TO BOARD
FIELD OFFICE)

Name of Well W. T. TOWNING LAKE No. 1 K. B. Elev. 969

	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.										
	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				
DEPTH	2071		57				2128		2128		49				2177		2177		17				2194				
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				
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.			
DRILL PIPE	Size	Stands	Singles		Drill Collar	Kelly		Core Bbl.	Size	Stands	Singles		Drill Collar	Kelly		Core Bbl.	Size	Stands	Singles		Drill Collar	Kelly		Core Bbl.			
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			
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			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	12-12 ³⁰ RIG SER. BOP CHECK SURVEY @ 2074																										
	12 ³⁰ 8 DRUG 9" HOLE																										
	8-8 ⁴⁵ DRUG 9" HOLE																										
	8 ⁴⁵ -10 ¹⁵ DROPPED SURVEY @ 2130 RIG SER. + B.C.T. CHECK.																										
	10 ¹⁵ -10 ³⁰ WORK ON THE AIR COMPRESSOR.																										
	10 ³⁰ -4 DRUG.																										
	4 ⁰⁰ 6 ¹⁵ DRILLING 9" HOLE																										
	6 ¹⁵ 6 ³⁵ CORE SAMPLE																										
	6 ³⁵ 7 ¹⁵ SURVEY W/ WIRE LINE + BLOW KELLY																										
	7 ¹⁵ 7 ⁴⁵ PULL OUT TO CHANGE BITS																										
	7 ⁴⁵ 8 ¹⁵ CHECK BIND RAMS + SLIP DRILLING LINE.																										
	8 ¹⁵ 8 ⁴⁵ P.W. IN W/RT FAILED TO GO DOWN THROUGH																										
	4 ⁴⁵ SURFACE CASING & PULL OUT. P.W.																										
	4 ⁴⁵ 12 ⁰⁰ W/O CASING ROLLER.																										
Operator	Driller <u>E. Payne</u>							Operator	Driller <u>H. Carter</u>							Operator	Driller <u>E. Miller</u>										

COMPANY D. TRDD. BRIGGS

DAILY REPORT

DATE FEB. 24, 59

BOARD COPY
(TO BE SENT TO BOARD
FIELD OFFICE)

CONTRACTOR PETER BAUDEN DRILLING LTD. RIG No. 11

Name of Well W. TATHLING LAKE No. 1 K. B. Elev.

	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			
	673		87				760		760		40				800		800		77				877			
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			
	6 1/4		1 3/4						6 1/2		1 1/2															
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"	4	OSC	DRILL LOSS	8	135	318	19 3/4	9"	5	OSC-16	Run	2 1/2	180	40	6 1/2	9"	5	OSC-16	in	5	175	117	13		
	9"	5	OSC-16																							
DRILL PIPE	Size	7 Stands	Singles		10 Drill Collar		Kelly down Core Bbl.		Size	7 Stands	Singles		Drill Collar		Kelly down Core Bbl.		Size	7 Stands	Singles		Drill Collar		Kelly down Core Bbl.			
	420.77				315.44		33.79		420.77				315.44		33.79		420.77				315.44		33.79			
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					
	2:00	10.4	70		12.0	50	RAY FLO.	10:00	10.4	46		12.5	50 LBS	SAPP	4 PM	10.5	65		11.5	50 LBS	PAN 50					
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						
	760	1 3/4		760		1 3/4		760	1 3/4		760		1 3/4		760	1 3/4		760		1 3/4						
CASING RUN	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gds	Cement	Additives	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gds	Cement	Additives	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Gds	Cement	Additives		
PERFORATING	Interval	Shot/Ft.		Type		Interval		Shot/Ft.		Type		Interval		Shot/Ft.		Type		Interval		Shot/Ft.		Type				
ACIDIZING or FRISING	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.		No.	Interval Tested		to		Valve Open		min.		Shut in		mins.	
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.		Type		Int.		Type	Int.		Type		Int.						
REMARKS	12:00-12:15 BIG SERVICE & CHECK B.O.P.																									
	12:15-6:00 DRILLING 9" HOLE																									
	6:00-6:45 CIRC & SURVEY																									
	6:45-7:00 PULL OUT TO CHANGE BITS RECOVER SURVEY																									
	7:00-7:45 CHECK BLIND RAMS																									
Operator <u>L. Miller</u> Driller <u>L. Miller</u>																										
8:00-9:15 BIG SERVICE & CHECK B.O.P.																										
9:15-9:30 Run in Pick up 9 5/8																										
9:30-9:45 Clean to Bottom																										
9:45-10:00 DRUG 9" HOLE																										
Operator <u>L. Miller</u> Driller <u>L. Miller</u>																										
4:00-5:15 Drilling 9" Hole																										
5:15-6:00 SURVEY & B.O.P. CHECK																										
6:00-9:00 Drilling																										
9:00-9:30 SURVEY & CONN.																										
9:30-11:45 Drilling																										
11:45-12:00 SURVEY																										
Operator <u>L. Miller</u> Driller <u>L. Miller</u>																										

COMPANY D. TODD BRIGGS

CONTRACTOR PETER BAUDEN DRILLING LTD RIG No. 11

DAILY REPORT

DATE FEB 22, 59

BOARD COPY

(TO BE SENT TO BOARD FIELD OFFICE)

Name of Well W. TATHLINA LAKE No. 1 K. B. Elev. 969

	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.							
	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	
DEPTH																								
TIME	On Bottom																							

DAILY REPORT

DATE Feb 21/59

BOARD COPY

(TO BE SENT TO BOARD
FIELD OFFICE)COMPANY D. TODD BRIGGSCONTRACTOR P. Bawden Dalg LTD RIG No. 1Name of Well W. TATHINA LAKE No. 1 K. B. Elev. 9

FIRST TOUR 12:00 p.m. — 8:00 a.m.

DEPTH

TIME

BIT
RECORD

DRILL PIPE

MUD
RECORD

CORING

SURVEY

CASING
RUN

DAILY REPORT

DATE FEB 12/59

BOARD COPY
(TO BE SENT TO BOARD
FIELD OFFICE)

COMPANY D. L. B. BRIGGS

CONTRACTOR P. B. BOWDEN RIG No. 11

Name of Well TATHALINA LAKE No. 1 K. B. Elev.

	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																								
	0		10				10		0		10				10		10		10				10																								
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																								
	1/2		7/2						1/2		7/2						1/2		7/2																												
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"	1RR	OSC-3	IN	ALL	60	10	1/2	9"	1RR	OSC-3	IN	ALL	60	10	1/2	9"	1RR	OSC-3	IN	ALL	60	10	1/2																							
DRILL PIPE	Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.								Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.								Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.															
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												
						20 SKS	gel								9:00		45			800 #	gel								5:00		46																
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																					
	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									
CASING RUN	Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type								Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type								Interval	Shot/Ft.	Type	Interval	Shot/Ft.	Type															
PERFORATING	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.															
ACIDIZING or FROTHING	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.																					
DRILL STEM TESTS	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.																					
ABANDONMENT PLUGS	Recovery:	ft.								Recovery:	ft.								Recovery:	ft.																											
		ft.									ft.									ft.																											
LOGS	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.																					
	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												
REMARKS	Type	Int.								Type	Int.								Type	Int.																											
	12:00 - 4:00 Work on Pump (Install 24 Heads + Liners)								8:00 - 8:30 Mix Mud								4 - 5:30 DRAG 9" HOLE																														
4:00 - 6:00 Rig up mud lines + mud tanks								8:30 - 3:00 Dig Rat Hole								5:30 - 6:00 Run 13 3/4" B. - Beam																															
6:00 - 8:00 Mix Mud + Rigging up RAT HOLE								3:00 - 3:30 Rig To Spud								6:00 - 12:00 DRAG 13 3/4" HOLE																															
Digger								3:30 - 4:00 Spud in w/ 9" Bit Drilling 9" HOLE																																							
Operator								Driller H. Carter								Operator								Driller E. mill								Operator								Driller E. Page							