

J. C. SPROULE
M. B. CROCKFORD
O. D. BOGGS
S. R. L. HARDING
G. K. WILLIAMS

J. C. SPROULE & ASSOCIATES

GEOLOGICAL & EXPLORATION CONSULTANTS

901 EIGHTH AVENUE WEST
CALGARY — ALBERTA

TELEPHONES
AMHERST 2-4128
AMHERST 2-4374

AM 9-6-68
(in 11.11.5)

April 7, 1958.

Mr. A. M. Lloyd,
1117 First National Bank Building,
Dallas 2, Texas.

Re: Geological Report
Briggs Tathlina Lake No. 5
Northwest Territories

Dear Mr. Lloyd:

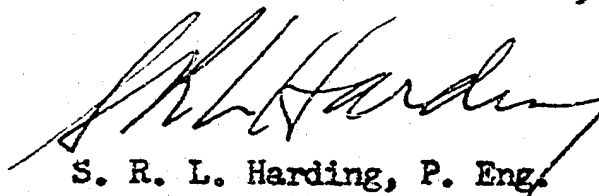
With reference to the above report, an error has been discovered in the location description. The Latitude, as given in the report, is correct, but the correct Longitude is:

117° 27' 16.29" West Longitude

Will you please distribute the enclosed copies of this letter to those who hold copies of the report, in order that the letter may be inserted in each report.

Yours very truly,

J. C. SPROULE & ASSOCIATES,


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

SRLH:TC
Encls.

GEOLOGICAL REPORT
BRIDGE PATROLING LAKE NO. 5
NORTHWEST TERRITORIES

J. C. SPROULE & ASSOCIATES
GEOLOGICAL & EXPLORATION CONSULTANTS

901 EIGHTH AVENUE WEST
CALGARY — ALBERTA

TELEPHONES
AMHERST 2-4128
AMHERST 2-4374

TABLE OF CONTENTS

	<u>Page</u>
SUMMARY OF PERTINENT WELL DATA	1
DAILY CHRONOLOGICAL WELL REPORT	3
BIT RECORD	5
ROP RECORD	6
SURFACE CASING	8
SAMPLE DESCRIPTION	9
TIME DRILLING RECORD	13
GEOLOGICAL AND ENGINEERING SUMMARY	15
LOGS - Electrical log, Microlaterolog, Gamma Ray-Muonron	In pocket.

SUMMARY OF PERTINENT WELL DATA

Well Name: Briggs Kathline Lake No. 5

Location: 60° 44' 43.44" N. Lat.
117° 31' 9.57" W. Long. (see first page)
27' 16.28" "

Elevation: Ground 882'
K. B. 892'

Total Depth: 2,607' Driller
2,605' Schlumberger

Operator: J. B. White and A. M. Lloyd

Technical Supervision: J. C. Sproule & Associates

Drilling Contractor: Husky Oil & Refining Ltd. - Rig No. 11

Spudded: January 29, 1958

Completed: February 12, 1958

Status: Abandoned

Drilling Data:

Hole Size	From	To
or 6 1/4"	Surface 228'	228' 2607'

Deviation Surveys

200' 1/2°	1000' 1/2°	2500' 2 1/2°
340' 1/4°	1500' 2°	
500' 0°	2000' 2°	

Casing: Surface Casing: 212.97' x 7" x 17#, cemented with 100 sacks, January 31, 1958 at 223.01' K.B.

Geological Markers:

	<u>Samples</u>		<u>E-Log</u>	
	<u>Depth</u> Feet	<u>Elev.</u> Feet	<u>Depth</u> Feet	<u>Elev.</u> Feet
DEVONIAN				
Base Kakisa Member	100	+792		
Slave Point	2191	-1299	2190	-1298
Watt Mountain	2377	-1485	2390	-1498
Pine Point	2570	-1678	2570	-1678

Abandonment Program:

Flug No. 1 2607' to 2350'

78 sacks, displaced with 15 bbls.

Flug No. 2 270' to 170'

21 sacks, displaced with 1.1 bbls.

Logs:

Electric log 224' to 2604'

Gamma Ray - Neutron 100' to 2604'

Microlaterolog 2100' to 2600'

CORES :

None taken - arc

DAILY CHRONOLOGICAL WELL REPORTWell Name:

Briggs Tathlina Lake No. 5

Location:

60°44'43.44" N. Lat.

117°31'9.57" W. Long.

(Operations to 12:00 midnight.)

<u>Date</u>	<u>Total Depth Feet</u>	<u>Progress</u>	<u>Days</u>	<u>Operations</u>
Jan. 29	52	42	1	Rigging up and drilling rathole - 17 1/2 hours. Spudded 5:30 p.m. Drilling 6 1/4" hole - 6 1/4 hours. Changing bit - 1/4 hour.
Jan. 30	130	78	2	Drilling 14 hours. Reaming 3 hours. Conditioning mud 3 1/4 hours. Working on pump 2 hours. Trips 1 1/4 hours. Servicing 1/2 hour.
Jan. 31	340	210	3	Drilling 16 1/4 hours. Trips 1 1/2 hours. Servicing 3/4 hour. Circulating 1 hour. Surveys 1/2 hour. Running 5 joints 7" casing 1 hour. Cementing casing 1/4 hour. Standing cemented 2 3/4 hours.
Feb. 1	367	27	4	W.O.C. 20 hours. Pressuring up and drilling out 2 3/4 hours. Drilling 1 1/4 hours.
Feb. 2	802	445	5	Drilling 22 hours. Service 3/4 hour. Survey 1/4 hour. Circulate 1/4 hour. Trips 3/4 hour.
Feb. 3	1075	273	6	Drilling 15 hours. Service 1/2 hour. Survey 1/4 hour. Trip 1 hour. Repairs 7 1/4 hours.
Feb. 4	1579	504	7	Drilling 18 1/2 hours. Service 3/4 hours. Circulate 1 hour. Trip 3 3/4 hours.
Feb. 5	1927	348	8	Drilling 17 1/4 hours. Service 1/4 hour. Survey 1/4 hour. Circulate 1 1/4 hours. Trip 3 hours. Conditioning mud 1 1/2 hours.
Feb. 6	2195	268	9	Drilling 19 hours. Service 1/4 hour. Survey 1 hour. Circulate 1/2 hour. Trip 2 hours. Repairs 1 hour.

<u>Date</u>	<u>Total Depth Feet</u>	<u>Progress</u>	<u>Days</u>	<u>Operations</u>
Feb. 7	2260	65	10	Drilling 18 1/4 hours. Service 3/4 hour. Circulate 1 hour. Trip 3 hours. Repairs 1 hour.
Feb. 8	2359	99	11	Drilling 21 hours. Service 3/4 hour. Trip 3 1/4 hours.
Feb. 9	2510	151	12	Drilling 21 1/2 hours. Service 3/4 hours. Trip 1 3/4 hours.
Feb. 10	2595	85	13	Drilling 14 3/4 hours. Service 1/2 hour. Circulate 1/2 hour. Trip 2 3/4 hours. Survey 1/2 hour.
Feb. 11	2607 T.D.	12	14	Drilling 1 3/4 hour. Service 1/4 hour. Circulate 3/4 hour. Trip 2 3/4 hours. Logging 11 1/2 hours. Velocity log 3 1/2 hours. Waiting on orders 3 hours.
Feb. 12	2607 T.D.	0	15	Circulating to run plugs 2 1/4 hours. Plug 3/4 hour. Lay down 11 hours. Felt plug No. 2 at 165' at 2:00 p.m.

BIT RECORDWell Name:

Briggs Tathlina Lake No. 5

Location:

60°44'43.44" N. Lat.

117°31'9.57" W. Long.

<u>Bit No.</u>	<u>Type</u>	<u>Size</u>	<u>Depth</u>		<u>Footage</u>	<u>Hours</u>
			<u>From</u>	<u>To</u>		
1A	OBC-3	9"	-	-	-	-
2A	OBC	6 1/4"	Surface	50	40	5 1/4
3A	OBC	6 1/4"	50	70	20	3 1/2
4A	MLN	9"	Surface	70	60	3
4A	MLN	9"	70	228	158	18 1/4
1	OBC	6 1/4"	228	340	112	9 1/2
2	OBC	6 1/4"	340	642	302	15 1/2
3	OBC-3	6 1/4"	642	854	212	11
4	OBC-3	6 1/4"	854	1310	455	21 1/2
5	OBC-3	6 1/4"	1310	1852	542	20 1/2
6	OBC	6 1/4"	1852	2130	278	20
7	OBC	6 1/4"	2130	2214	84	10 1/2
8	OBC	6 1/4"	2214	2283	69	18 1/2
9	OBC	6 1/4"	2283	2386	103	19 1/4
10	OBC	6 1/4"	2386	2540	154	21 1/4
11	OBC	6 1/4"	2540	2607	67	12 1/4

MUD RECORDWell Name:

Briggs Tathlina Lake No. 5

Location:60°44'43.44" N. Lat.
117°31'9.57" W. Long.

<u>Date</u>	<u>Average Weight Pounds</u>	<u>Average Viscosity Seconds</u>	<u>Average Water Loss Cc.</u>	<u>Additives</u>
Jan. 29	-	-	-	Caustic 200 lbs. Gel 5400 lbs. Lime 100 lbs.
Jan. 30	-	-	-	Lime 125 lbs. Gel 3600 lbs. Jelflake 125 lbs. Sawdust 3 sacks.
Jan. 31	-	-	-	-
Feb. 1	-	-	-	-
Feb. 2	9.0	42	9.8	Bicarbonate 600 lbs. Tannex 200 lbs. Caustic 100 lbs.
Feb. 3	9.4	45	7.4	Gel 1000 lbs. Driacose 25 lbs. Tannex 150 lbs.
Feb. 4	9.8	47	7.0	Gel 500 lbs. Driacose 75 lbs. Tannex 50 lbs. Caustic 25 lbs.
Feb. 5	10.1	55	6.0	Gel 500 lbs. Tannex 50 lbs. Caustic 25 lbs. Driacose 50 lbs. Diesel fuel 400 gal.
Feb. 6	10.0	60	5.0	Gel 500 lbs. Tannex 100 lbs. Caustic 50 lbs. Diesel fuel 400 gal.
Feb. 7	9.9	51	5.0	Gel 500 lbs. Tannex 50 lbs. Caustic 25 lbs.

<u>Date</u>	<u>Average Weight Pounds</u>	<u>Average Viscosity Seconds</u>	<u>Average Water Loss Cc.</u>	<u>Additives</u>
Feb. 8	9.9	50	4.8	Gel 500 lbs. Tannex 50 lbs. Caustic 25 lbs.
Feb. 9	9.9	48	5.6	Gel 500 lbs. Tannex 100 lbs. Caustic 75 lbs.
Feb. 10	10.1	50	4.2	Gel 500 lbs. Tannex 100 lbs. Caustic 75 lbs. Oriscone 75 lbs.
Feb. 11	10.1	52	4.4	

SURFACE CASINGWell Name:

Briggs Tathlina Lake No. 5

Location:

60°44'43.44" N. Lat.

117°31'9.57" W. Long.

7" x 17 $\frac{1}{2}$, J55, 8 thread.Casing Tally

1.	42.12	
2.	40.30	
3.	41.95	
4.	43.75	
5.	43.20	
	<u>211.32</u>	5 joints casing
	<u>1.65</u>	Float shoe
	<u>212.97</u>	Total

Cement job, January 31, 1958 by Halliburton Oil
Well Cementing Co. Ltd.

Bottom of 9" hole at 228'.

Running casing 7:30 p.m. to 8:30 p.m.

Circulating and working casing 8:30 p.m. to 9:00 p.m.

Plug on bottom 9:15 p.m.

Obtained positive cement returns.

212.97' x 7" @ 225.01' K.2.

Cement 100 sacks. 9:15 p.m. January 31, 1958.

SAMPLE DESCRIPTIONWell Name:

Briggs Tathlina Lake No. 5

Location:

60°44'43.44" N. Lat.

117°31'9.57" W. Long.

Depth
FeetDescription

0-40	Glacial drift, consisting of gravel made up of pebbles of limestone and igneous rocks.
40-50	Limestone - light buff, fine fragmental, slightly silty, fossiliferous.
50-100	Limestone - cream colored, micro to very fine crystalline, abundant calcite.
100-250	Interbedded Sandstone and Limestone Sandstone - greenish grey, fine grained, calcareous, quartzose, glauconitic. Limestone - grey, sandy, argillaceous at the base.
250-350	Limestone and sandstone - as above with some interbedded green shale.
350-360	Limestone - cream and white, clean, abundant calcite. Some sandy limestone and sandstone.
360-500	Interbedded Sandstone and Limestone. Sandstone - light grey, fine grained, quartzose, calcareous, slightly glauconitic and micro-micaceous. Limestone - light grey, sandy to silty. Minor green shale.
500-510	Shale - green, calcareous. Limestone - grey, silty.
510-530	Limestone - grey, silty and argillaceous.
530-570	Shale - green, calcareous. Siltstone - brownish grey, calcareous. Limestone - grey, silty.
570-690	Limestone - grey, silty to sandy (very fine sand). Minor shale, trace of sandstone.
690-920	Limestone - brownish grey, dense, silty. Minor green shale. Limestone - as above. Shale - green to greenish grey.

<u>Depth Feet</u>	<u>Description</u>
920-1010	Limestone - grey, argillaceous. Minor grey shale.
1010-1070	Limestone - light brownish grey, dense.
1070-1090	Limestone - as above, some argillaceous limestone and green shale.
1090-1110	Limestone - dull grey, dense, argillaceous. Shale - green, calcareous.
1110-1140	Shale - green, calcareous.
1140-1150	Shale - as above. Limestone - speckled, medium grained, fragmental, fossiliferous, silty to sandy. Also light grey, clean limestone.
1150-1180	A mixture of green shale, sandy limestone, clean limestone and a trace of sandstone.
1180-1290	Shale - green, calcareous.
1290-1330	Shale - as above, becoming darker. Limestone - light grey, very fine fragmental.
1330-1610	Shale - green, calcareous. Some dull grey argillaceous limestone. Shale and limestone are gradational into one another. Abundant pyrite at the base.
1610-1690	Shale - green, lighter than above and less calcareous.
1690-1770	Shale - green, slightly calcareous. Interbedded with medium dark grey, micro-micaceous slightly calcareous shale. Color green to grey is gradational, some dark speckled shale. Abundant pyrite associated with a light cherty rock, 1710-1720.
1770-1980	Shale - green, very slightly calcareous.
1980-2120	Shale - as above, a few dark brown specks. These occur rarely above 1980 but become more common from 1980 down.
2120-2130	Shale - dark brown, calcareous, micro-micaceous.
2130-2191	Shale - green, very slightly calcareous. Trace of light greenish argillaceous limestone 2160-2170. Abundant pyrite above the Slave Point.
2191	<u>Slave Point Formation</u>
2191-2195	Limestone - light grey, mottled with darker limestone, dense to fine crystalline. Mixed in are fragments of greenish argillaceous limestone and light green shale. Shot through with fine pyrite. (Probably a breccia.)

<u>Depth Feet</u>	<u>Description</u>
2195-2200	Limestone - light grey to fairly dark brown, microcrystalline. Brachiopods.
2200-2205	Limestone - light gray, microcrystalline. Some good porosity after fossils (bryozoa?).
2205-2222	Limestone - light brownish gray to brown, microcrystalline.
2222-2228	Limestone - as above, some porosity after fossils.
2228-2290	Limestone - light brownish gray to brown, microcrystalline. In part fragmental texture. Trace of oil staining 2270-2285.
2290-2295	Limestone - as above, some limestone shot through with pyrobitumen, and trace of dead oil staining.
2295-2330	Limestone - as above, 2290.
2330-2340	Limestone - light brown, dense, sublithographic.
2340-2345	Limestone - light brownish gray, microcrystalline, fine fragmental, chalky appearance in part.
2345-2350	Limestone - brown, microcrystalline, granular texture almost hidden by recrystallization.
2350-2360	Limestone - as above. Limestone - light brownish gray, dense. Limestone - light brownish gray, fine fragmental.
2360-2365	Limestone - light gray to light brownish gray, dense, sublithographic.
2365-2377	Limestone - as above. Limestone - light brown to brown, microcrystalline, fragmental texture.
2377	<u>Watt Mountain Formation - (Tethline Formation)</u>
2377-2530	Limestone - light gray to white, dense to very fine, in part crystalline with a chalky appearance, in part sublithographic. A trace of green shale occurs at the contact with the overlying formation. Large white dolomite rhombs are found from 2400 feet to the base, rare until near the base.
2530-2535	Dolomite - brown, fine crystalline, trace of porosity, a few fragments of crystal clusters.
2535-2545	Limestone - as above, 2530. Thin green shale partings at lower contact of the dolomite.

<u>Depth</u> <u>Feet</u>	<u>Description</u>
2545-2580	Limestone - as above. Trace of blue-green shale, rich in pyrite, occurs as thin layers of partings.
2580	<u>Pine Point Limestone</u>
2580-2607	Limestone and dolomite - dark brown, very fine crystalline to chalky, bituminous. Black shaly partings.

TIDE DRILLING RECORDWell Name:

Briggs Tathlina Lake No. 5

Location:60°44'43.44" N. Lat.
117°31'9.57" W. Long.

<u>Depth</u>	<u>Time In Minutes</u> (1-foot intervals)	<u>Depth</u>	<u>Time In Minutes</u> (1-foot intervals)
2080	4, 3, 4, 3, 3, 4, 5, 4, 5, 4.	2210	26, 26, 27, 33, 16, 13, 14, 16, 16, 16.
2090	4, 5, 5, 4, 4, 3, 4, 5, 4, 4.	2220	12, 5, 6, 5, 7, 9, 8, 11, 12, 17.
2100	5, 4, 5, 6, 5, 5, 6, 5, 5, 5.	2230	16, 16, 17, 20, 19, 12, 16, 14, 13, 15.
2110	5, 4, 4, 5, 5, 4, 4, 4, 4, 6.	2240	15, 12, 11, 12, 8, 9, 13, 15, 11, 13.
2120	6, 11, 8, 7, 9, 6, 4, 4, 5, 5.	2250	15, 16, 23, 30, 21, 24, 15, 20, 25, 19.
2130	5, 5, 4, 4, 5, 5, 6, 8, 9, 7.	2260	16, 16, 23, 17, 18, 19, 15, 18, 16, 19.
2140	4, 4, 4, 3, 2, 2, 3, 3, 3, 3.	2270	19, 18, 19, 17, 19, 26, 19, 21, 19, 21.
2150	3, 3, 3, 3, 3, 4, 3, 3, 3, 3.	2280	19, 21, 29, 7, 2, 9, 7, 9, 9, 7.
2160	2, 3, 4, 5, 4, 3, 4, 4, 4, 4.	2290	6, 8, 8, 6, 7, 6, 9, 9, 9, 6.
2170	4, 5, 4, 5, 5, 6, 5, 5, 3, 2.	2300	9, 7, 10, 10, 8, 8, 9, 10, 10, 8.
2180	2, 2, 2, 2, 3, 4, 2, 2, 2, 5.	2310	9, 10, 11, 11, 11, 12, 12, 13, 13, 12.
2190	8, 15, 12, 10, 14, 20, 16, 15, 14, 15.	2320	12, 13, 16, 18, 22, 19, 12, 11, 11, 14.
2200	13, 7, 6, 5, 8, 16, 30, 30, 18, 22.	2330	11, 10, 11, 14, 13, 12, 12, 13, 15, 14.

<u>Depth</u>	<u>Time In</u> <u>(1-foot intervals)</u>	<u>Depth</u>	<u>Time In Minutes</u> <u>(1-foot intervals)</u>
2340	13, 10, 8, 12, 11, 13, 15.	2500	9, 9, 8, 8, 9, 8, 8, 8, 7, 10.
2350	11, 11, 13, 5, 12, 13, 13, 10, 13, 12.	2510	9, 8, 8, 10, 8, 9, 8, 8, 8, 9.
2360	11, 11, 13, 13, 12, 11, 13, 10, 8, 8.	2520	9, 8, 8, 8, 7, 10, 9, 8, 10, 9.
2370	10, 11, 10, 10, 10, 10, 9, 8, 9, 6.	2530	8, 11, 15, 12, 10, 12, 14, 13, 14, 16.
2380	8, 8, 9, 9, 13, 17, 6, 7, 7, 7.	2540	10, 10, 11, 10, 10, 9, 9, 8, 7, 7.
2390	6, 4, 4, 6, 9, 9, 8, 5, 5, 5.	2550	8, 7, 7, 7, 8, 7, 7, 5, 5, 9.
2400	5, 6, 5, 6, 6, 8, 6, 6, 8, 10.	2560	9, 10, 10, 11, 4, 5, 8, 7, 10, 10.
2410	8, 8, 8, 8, 7, 6, 8, 10, 9, 7.	2570	10, 10, 11, 10, 9, 10, 13, 11, 14, 10.
2420	10, 7, 5, 4, 7, 8, 7, 8, 7, 8.	2580	16, 15, 13, 11, 14, 12, 14, 14, 13, 17.
2430	9, 8, 8, 7, 7, 7, 7, 6, 6, 7.	2590	15, 13, 15, 17, 16, 16, 15, 11, 13, 12.
2440	8, 8, 8, 10, 8, 8, 8, 8, 8, 8.	2600	11, 11, 11, 10, 12, 10, 11.
2450	8, 8, 8, 9, 10, 9, 8, 7, 9, 8.		
2460	8, 6, 8, 8, 7, 7, 7, 8, 7, 7.		
2470	8, 9, 9, 8, 8, 9, 7, 7, 8, 7.		
2480	7, 6, 6, 8, 7, 8, 8, 8, 8, 7.		
2490	8, 8, 8, 8, 9, 8, 7, 7, 8, 9.		

GEOLOGICAL AND ENGINEERING SUMMARY

Briggs Tathlina Lake No. 5 was drilled, approximately 4 1/4 miles west and 1 1/2 miles south of Briggs Tathlina Lake No. 1, on a local seismic anomaly west of the main Tathlina structural ridge. The drilling contractor was Husky Oil & Refining Ltd. and the well site supervision was by G. K. Williams of J. C. Sproule and Associates. The well was spudded January 29, 1958, and abandoned as a dry hole February 12, 1958.

Briggs Tathlina Lake No. 5 was drilled to a total depth of 2607 feet and bottomed in dark brown limestone and dolomite with black shaly partings. This lithology is typical of the Pine Point formation. The Slave Point formation was encountered at a depth of 2191 feet (-1299) and the Watt Mountain formation at 2377 feet (-1485). Only five feet of dolomite from 2530 to 2535, was comparable to Presqu'ile type lithology.

No oil and gas shows were reported and no drill stem tests were justified by the interpretation of samples or geophysical logs (electrical log, microlaterolog and gamma ray-neutron log). No cores were taken.

Structurally the No. 5 well was 81 feet higher than No. 3 and 217 feet lower than No. 1 on the top of the Slave Point formation.

The results of this well indicate a lack of Presqu'ile reef development on the west side of the fault which forms the west flank of the main northeast-southwest Tathlina structural ridge.

G. K. Williams

G. K. Williams, P. Eng.
pe. DH.

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

901 - Eighth Avenue West,
Calgary, Alberta.
March 7, 1958.

COMPANY D. T. Co. B. B. Co.
CONTRACTOR Husky Oil & Bt.

DAILY REPORT

No. of Well TATHANA LAKE

DATE Jan 30 1955
No. 5

BOARD COPY
(TO BE SENT TO BOARD
FIELD OFFICE)

DEPTH	FIRST TOUR								SECOND TOUR								THIRD TOUR																							
	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																			
	52		30		82				82		25		107				107		23		130																			
	On Bottom		Off Bottom		On Bottom		Off Bottom		On Bottom		Off Bottom		On Bottom		Off Bottom		On Bottom		Off Bottom		On Bottom																			
TIME																																								
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.																
	6 1/4	1035	51093	NEW			18	3 1/2	9	8 1/2	M4N	Good		60	37	11	9	8 1/2	M4N	FAIR		60	60	15																
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.	Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.																
				57	150						86-70	190	335				96-70	390					399																	
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	Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind												
CORING	Time	From	To	Ft. Cut	Ft. Rec'd	Type	Time	From	To	Ft. Cut	Ft. Rec'd	Type	Time	From	To	Ft. Cut	Ft. Rec'd	Type	Time	From	To	Ft. Cut	Ft. Rec'd	Type	Time	From	To	Ft. Cut	Ft. Rec'd	Type										
SURVEY	Time	From	To	Ft. Cut	Ft. Rec'd	Type	Time	From	To	Ft. Cut	Ft. Rec'd	Type	Time	From	To	Ft. Cut	Ft. Rec'd	Type	Time	From	To	Ft. Cut	Ft. Rec'd	Type	Time	From	To	Ft. Cut	Ft. Rec'd	Type										
CASING RUN	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives					
PERFORATING	From	To	Shot/Ft.	From	To	Shot/Ft.	Type	From	To	Shot/Ft.	From	To	Shot/Ft.	Type	From	To	Shot/Ft.	From	To	Shot/Ft.	Type	From	To	Shot/Ft.	From	To	Shot/Ft.	Type	From	To	Shot/Ft.	Type								
ACIDIZING	From	To	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.	From	To	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.	From	To	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.	From	To	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.	From	To	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.					
DRILL STEM TESTS	No.	Interval Tested	to	mins.	Shut in	mins.	Valve Open	No.	Interval Tested	to	mins.	Shut in	mins.	Valve Open	No.	Interval Tested	to	mins.	Shut in	mins.	Valve Open	No.	Interval Tested	to	mins.	Shut in	mins.	Valve Open	No.	Interval Tested	to	mins.	Shut in	mins.						
ABANDONMENT PLUGS	No.	From	To	Cement	Additive	Plug Down	Felt At	Time	No.	From	To	Cement	Additive	Plug Down	Felt At	Time	No.	From	To	Cement	Additive	Plug Down	Felt At	Time	No.	From	To	Cement	Additive	Plug Down	Felt At	Time	No.	From	To	Cement	Additive	Plug Down	Felt At	Time
REMARKS	228 100 Drilling 6 1/4 inch 2nd and 100-130 Casing on Pump. (Screen plugging off.)								800-815 SERVICE RIG. 815-200 DRILLING 9" hole 200-300 HOIST TO CHECK BIT + STRING SANDLINE. 300-400 DRILLING + MIX MUD.								400-415 SERVICE RIG. 415-500 DRILLING 415-500 DRILLING 500-915 Pull up and Condition Mud 915-945 DRILLING Full Recovery 945-1015 Work on Pump																							
	Operator <u>Williamson</u> Driller <u>Williamson</u> Electrolog: from <u>Williamson</u> to <u>Williamson</u>								Operator <u>Williamson</u> Driller <u>Williamson</u> Microlog: from <u>Williamson</u> to <u>Williamson</u>								Operator <u>Williamson</u> Driller <u>Williamson</u> Radioactivity from <u>Williamson</u> to <u>Williamson</u>																							

COMPANY D. Todd BRIGGS
CONTRACTOR HUSKY OILS & RET.

DAILY REPORT

Name of Well BRIGGS TATHLINA LAKE NO 5

DATE JAN 29 1958

BOARD COPY
(TO BE SENT TO BOARD
FIELD OFFICE)

	FIRST TOUR								SECOND TOUR								THIRD TOUR															
	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		Off Bottom		On Bottom		Off Bottom		On Bottom		Off Bottom		On Bottom		Off Bottom		On Bottom		Off Bottom		On 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.	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	Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind				
CORING	Time	From	To	Ft. Cut	Ft. Rec'd	Type	Time	From	To	Ft. Cut	Ft. Rec'd	Type	Time	From	To	Ft. Cut	Ft. Rec'd	Type	Time	From	To	Ft. Cut	Ft. Rec'd	Type								
SURVEY	Type	Depth	Degrees Off	Direction	Type	Depth	Degrees Off	Direction	Type	Depth	Degrees Off	Direction	Type	Depth	Degrees Off	Direction	Type	Depth	Degrees Off	Direction	Type	Depth	Degrees Off	Direction								
CASING RUN	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives				
PERFORATING	From	To	Shot/Ft.	From	To	Shot/Ft.	Type	From	To	Shot/Ft.	From	To	Shot/Ft.	Type	From	To	Shot/Ft.	From	To	Shot/Ft.	Type	From	To	Shot/Ft.	From	To	Shot/Ft.	Type				
ACIDIZING	From	To	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.	From	To	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.	From	To	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.	From	To	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	No.	Interval Tested	to	No.	Interval Tested	to	No.	Interval Tested	to	No.	Interval Tested	to	No.	Interval Tested	to	No.	Interval Tested	to	No.	Interval Tested	to		
ABANDONMENT PLUGS	No.	From	To	Cement	Additive	Plug Down	Felt At	Time	No.	From	To	Cement	Additive	Plug Down	Felt At	Time	No.	From	To	Cement	Additive	Plug Down	Felt At	Time	No.	From	To	Cement	Additive	Plug Down	Felt At	Time
REMARKS	800 = 400 = RIG UP TO AND DIB RAT HOLE UNABLE TO GET RAT HOLE IN SAND + GRNVL 400-530 = PUT IN RAT HOLE CASING SPUNNER IN AT 530 FEA 530-1045 - DRILLING 6 1/4 HOLE 1045-1100 - TRIP FOR BIT 1100-1200 - DRILLING Operator <u>W. WILLIAMSON</u> Driller <u>C. Williams</u> Radioactivity Log: from _____ to _____																															

COMPANY D. TADD BRIGGS
CONTRACTOR HUSKY OILS + REF.

DAILY REPORT

Name of Well BRIGGS TATHANA LAKE

DATE FEB 5 1958

BOARD COPY

(TO BE SENT TO BOARD
FIELD OFFICE)

No. 5

	FIRST TOUR								SECOND TOUR								THIRD TOUR							
	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	1579		154		1733				1733		119		1832				1852		75		1922			
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.
	6 1/4	52515	OSC	Good	4	80	423	16 3/4	6 1/4	52515	OSC		4-5	80	342	20 1/2	6 1/4	50228	OSC	NEW	3	80	75	6 1/2
									6 1/4	50228	OSC	NEW												
DRILL PIPE	Size	Stands	Singles	4 Drill Collar	Kelly	Core Bbl.			Size	Stands	Singles	1 Drill Collar	Kelly	Core Bbl.			Size	31 Stands	Singles	1 Drill Collar	Kelly	Core Bbl.		
	3 1/2	26	1	115.85	12 D	2.97			3 1/2	29	1	29.25	40 D	2.97			3 1/2			29.25	23			
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	9.9	53	W.C					10:00	10.1	47	WL-6.2			50 lbs	Skid		10.1	56	W.L.	4.6		50# Driscos	
	4:00	9.9	50	6.6	9.5				12:00	10.1	47	PC-3/2	9.5		50 lbs	Tanner			55	PC-3/2	9.5		400 gal Diesel Fuel	
				PC 2/32											25 lbs	Cartridge			10.1	58	PC-3/2		2320	
	4:00	99	51																61					
CORING	Time	From	To	Ft. Cut	Ft. Rec'd	Type			Time	From	To	Ft. Cut	Ft. Rec'd	Type			Time	From	To	Ft. Cut	Ft. Rec'd	Type		
SURVEY	Type	Depth	Degrees Off	Direction					Type	Depth	Degrees Off	Direction					Type	Depth	Degrees Off	Direction				
CASING RUN	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives		Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives		Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives	
	7	213	223	17		100	2 1/2 cc		7	213	223	17		100	2 1/2 cc									
PERFORATING	From	To	Shot/Ft.	From	To	Shot/Ft.	Type		From	To	Shot/Ft.	From	To	Shot/Ft.	Type		From	To	Shot/Ft.	From	To	Shot/Ft.	Type	
ACIDIZING	From	To	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.		From	To	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.		From	To	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					Valve Open		min.	Shut in					Valve Open		min.	Shut in				
	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.						
ABANDONMENT PLUGS	No.	From	To	Cement	Additive	Plug Down	Felt At	Time	No.	From	To	Cement	Additive	Plug Down	Felt At	Time	No.	From	To	Cement	Additive	Plug Down	Felt At	Time
REMARKS	1200 = 1215 = FINISH RUN IN								800 - 815 - SERVICE RIG								400 - 530 COND MUD + CLEAN UP.							
	1215 = 100 = CIRC								815 - 1200 - DRILLING								530 - 1200 DRILLING							
	100 = 800 = DRILLING								1200 - 1230 - CIRC															
									1230 - 100 - PULL UP TO 1500															
									100 - 115 = SURVEY															
	Operator <u>WILLIAMSON</u>								Operator <u>J. Sherman</u>								Operator <u>Porter</u>							
	Electrolog: from to								Microlog: from to								Radioactivity Log: from to							

COMPANY D. Todd Briggs
CONTRACTOR Husky Oils + Ref.

DAILY REPORT

Name of Well BRIGGS TATHUNA LAKE

DATE FEB. 4 1958

No. 5

BOARD COPY
(TO BE SENT TO BOARD
FIELD OFFICE)

DEPTH	FIRST TOUR								SECOND TOUR								THIRD TOUR							
	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			
	1075		169		1234				1234		166		1400				1400		179		1579			
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.
	6 1/4	52529	OSC3		4-5	80	380	19 1/2	6 1/4	52529	OSC3	FAIR	4-5	80	426	31 1/2	6 1/4	52515	OSC3	NEW	5	85	269	9 3/4
DRILL PIPE	Size	Stands	Singles	4 Drill Collar	Kelly	Core Bbl.			Size	Stands	Singles	4 Drill Collar	Kelly	Core Bbl.			Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.		
	3 1/2	18		115.85	25 0	2.97			3 1/2	21		115.85	10 D	2.97			3 1/2	23		115.85	40.0	2.97		
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	9.6	42	W.L.		25 Lbs	Driscose		10:00	9.8	45		9.5	DRISCOSE	-50 Lbs		4:30	9.7	50	W.L. 7		25# CAUSTIC		
	6:00	9.5	45	7.8	9.5				12:00	9.8	48		9.5	GEL	-5 bags		8:00	9.7	51	PH-95		50# TRAVEL		
					FC 2 1/2					2:00	9.8	50			W.L. 6.0							FC 3 1/2		
CORING	Time	From	To	Ft. Cut	Ft. Rec'd	Type			Time	From	To	Ft. Cut	Ft. Rec'd	Type			Time	From	To	Ft. Cut	Ft. Rec'd	Type		
SURVEY	Type	Depth	Degrees Off	Direction					Type	Depth	Degrees Off	Direction					Type	Depth	Degrees Off	Direction				
CASING RUN	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives		Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives		Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives	
	7	213	223	17		100	2% CC		7	213	223	17		100	2% CC									
PERFORATING	From	To	Shot/Ft.	From	To	Shot/Ft.	Type		From	To	Shot/Ft.	From	To	Shot/Ft.	Type		From	To	Shot/Ft.	From	To	Shot/Ft.	Type	
ACIDIZING	From	To	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.		From	To	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.		From	To	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.						
ABANDONMENT PLUGS	No.	From	To	Cement	Additive	Plug Down	Felt At	Time	No.	From	To	Cement	Additive	Plug Down	Felt At	Time	No.	From	To	Cement	Additive	Plug Down	Felt At	Time
REMARKS	1200 = 12'5" = SERVICE RIG.								800-815 - SERVICE RIG.								2:00 4:15 SER RIG.							
	12'5" = 800 = DRIG.								815-10'5" - DRILLING								4:15 9:00 DRILLING							
									10'5"-10'50" - CIRC								9:00-9:30 CIRC							
									10'50"-11'45" - TRIP FOR BIT								9:30-12:00 TRIP OUT TO COND HOLE							
Operator	DRILLER WILLIAMSON								Driller J. Schmeizer								Driller J. Schmeizer							
	Electrolog: from to								Microlog: from to								Radioactivity Log: from to							

COMPANY D. TODD BRIGGS
CONTRACTOR HUSKY OILS & REF.

DAILY REPORT

Name of Well BRIGGS TATHANA LAKE No. 5

DATE FEB 3 1958

BOARD COPY
(TO BE SENT TO BOARD
FIELD OFFICE)

FIRST TOUR								SECOND TOUR								THIRD TOUR								
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					
	On Bottom	Off Bottom	On Bottom	Off Bottom	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.
	6 7/8	52477	OSC3		5	80	212	11	6 1/4	52529	OSC3	Good	4-5	80	86	4	6 1/4	52529	OSC3	NEW.	4	85	135	11 3/4
DRILL PIPE	Size	Stands	Singles	4 Drill Collar	Kelly	Core Bbl.	Size	Stands	Singles	4 Drill Collar	Kelly	Core Bbl.	Size	Stands	Singles	4 Drill Collar	Kelly	Core Bbl.						
	3 1/2	13	0	115.85	13 D.	2.97	3 1/2	13	0	115.85	35 D	2.97	3 1/2	15	1	115.85		2.97						
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			
	1:30	9.3	42	W.L.		150 Lbs	TANNEX								9.4	46	7.4	108 Lbs	FC					
CORING	Time	From	To	Ft. Cut	Ft. Rec'd	Type	Time	From	To	Ft. Cut	Ft. Rec'd	Type	Time	From	To	Ft. Cut	Ft. Rec'd	Type						
SURVEY	Type	Depth	Degrees Off	Direction	Type	Depth	Degrees Off	Direction	Type	Depth	Degrees Off	Direction												
CASING RUN	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives			
PERFORATING	From	To	Shot/Ft.	From	To	Shot/Ft.	Type	From	To	Shot/Ft.	From	To	Shot/Ft.	Type	From	To	Shot/Ft.	From	To	Shot/Ft.	Type			
ACIDIZING	From	To	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.	From	To	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.	From	To	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	No.	Interval Tested	to												
	Valve Open	min.	Shut in	mins.	Valve Open	min.	Shut in	mins.	Valve Open	min.	Shut in	mins.												
ABANDONMENT PLUGS	No.	From	To	Cement	Additive	Plug Down	Felt At	Time	No.	From	To	Cement	Additive	Plug Down	Felt At	Time	No.	From	To	Cement	Additive	Plug Down	Felt At	Time
REMARKS	1200 = 12'5" SERVICE RIG								800 - 830 - DRILLING								400 600 DRILLING with ONE MOTOR & COND MUD							
	12'5" = 330 - DRILLING								830 - 845 - SERVICE RIG								600 930 DRILLING							
330 = 430 = TRIP FOR BIT.								845 - 9'5" - DRILLING								930 945 SPRAY								
430 = 600 DRILLING.								9'5" - 400 - WORK ON DRAW WORKS MOTOR #2								945 1100 DRILLING								
600 = 630 REPAIR CHAIN GUARD.								Operator								Operator								
Operator 630 = 800 - Dalg. WILLIAMSON.								Driller J. O. Omeringer								Driller J. O. Omeringer								
Electrolog: from to								Microlog: from to								Radioactivity Log: from to								

COMPANY T. Carr & Briggs
CONTRACTOR McKay Oil & Ref.

DAILY REPORT

Name of Well Tatiana Lake

DATE Feb. 2
No. 5

BOARD COPY
(TO BE SENT TO BOARD
FIELD OFFICE)

	FIRST TOUR								SECOND TOUR								THIRD TOUR									
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					
	On Bottom	Off Bottom	On Bottom	Off Bottom	On Bottom	Off Bottom	On Bottom	Off Bottom	On Bottom	Off Bottom	On Bottom	Off Bottom	On Bottom	Off Bottom	On Bottom	Off Bottom	On Bottom	Off Bottom	On Bottom	Off Bottom						
TIME																										
BIT RECORD	Size	No.	Type	Condition	Pl. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.	Size	No.	Type	Condition	Pl. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.	Size	No.	Type	Condition	Pl. Wt.	R.P.M.	Ft. Dld.	Bit-hrs.		
	6 1/4	12453	OSC	NEW			968	8 3/4	6 1/4	12453	OSC	Fair	4	80	302	1 3/4	6 1/4	12453	OSC	NEW			80	170	7 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.				
	3 1/2	6		11585	280	292			3 1/2	8		11585	40	297			3 1/2	11		11585	22	297				
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	From	To	Ft. Cut	Ft. Rec'd	Type			Time	From	To	Ft. Cut	Ft. Rec'd	Type			Time	From	To	Ft. Cut	Ft. Rec'd	Type				
SURVEY	Type	Depth	Degrees Off	Direction					Type	Depth	Degrees Off	Direction					Type	Depth	Degrees Off	Direction						
CASING RUN	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives		Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives		Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives			
PERFORATING	From	To	Shot/Ft.	From	To	Shot/Ft.	Type		From	To	Shot/Ft.	From	To	Shot/Ft.	Type		From	To	Shot/Ft.	From	To	Shot/Ft.	Type			
ACIDIZING	From	To	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.		From	To	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.		From	To	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.			
DRILL STEM TESTS	No.	Interval Tested							No.	Interval Tested							No.	Interval Tested								
	Valve Open	min. Shut in							min.	Valve Open	min. Shut in							min.	Valve Open	min. Shut in						
	Gas to Surface	min. @							Mcf/d Max.	Gas to Surface	min. @							Mcf/d Max.	Gas to Surface	min. @						
	Oil to Surface	min. @							Bbl/d Max.	Oil to Surface	min. @							Bbl/d Max.	Oil to Surface	min. @						
	Recovery:	ft.								Recovery:	ft.								Recovery:	ft.						
ABANDONMENT PLUGS	No.	From	To	Cement	Additive	Plug Down	Felt At	Time	No.	From	To	Cement	Additive	Plug Down	Felt At	Time	No.	From	To	Cement	Additive	Plug Down	Felt At	Time		
REMARKS	1200 1315 SEA RIG.								800 815 SEA RIG.								1100 415 SERVICE RIG.									
	1215 605 DAILY								815 300 DAILY								415 1200 DAILY									
615 630 SURVEY 500 0%								260 315 CHAC																		
630 - 500 DAILY								315 2100 TRAP.																		
Operator								Operator								Operator										
Driller								Driller								Driller										
Electrolog: from								Microlog: from								Radioactivity Log: from										
to								to								to										

COMPANY D. TODD BRIGGS

CONTRACTOR Gas Ky Oil & Ref.

DAILY REPORT

Name of Well Tatlingo Lake

DATE Feb 1

No. 5

BOARD COPY

(TO BE SENT TO BOARD
FIELD OFFICE)

DEPTH	FIRST TOUR								SECOND TOUR								THIRD TOUR											
	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							
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.									
MUD RECORD	Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind								Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind							
CORING	Time	From	To	Ft. Cut	Ft. Rec'd	Type								Time	From	To	Ft. Cut	Ft. Rec'd	Type									
SURVEY	Type	Depth	Degrees Off	Direction											Type	Depth	Degrees Off	Direction										
CASING RUN	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives								Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives							
PERFORATING	From	To	Shot/Ft.	From	To	Shot/Ft.	Type								From	To	Shot/Ft.	From	To	Shot/Ft.	Type							
ACIDIZING	From	To	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.								From	To	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.											
ABANDONMENT PLUGS	No.	From	To	Cement	Additive	Plug Down	Felt At	Time	No.	From	To	Cement	Additive	Plug Down	Felt At	Time	No.	From	To	Cement	Additive	Plug Down	Felt At	Time				
REMARKS	C.O. CEMENT.								C.O. C.								10000 Cu O.C. 800 1045 Pressure up. Ramps Drilled Out etc. 1045. 1200 Drilling											
	Operator Driller								Operator Driller								Operator Driller											
	Electrolog: from to								Microlog: from to								Radioactivity Log: from to											

COMPANY D. Todd BRIGGS PROJECT

DAILY REPORT

Name of Well TOTALINE LAKE

DATE Jan 31 / 58

No. 06-3

BOARD COPY

(TO BE SENT TO BOARD
FIELD OFFICE)

DEPTH	FIRST TOUR								SECOND TOUR								THIRD TOUR							
	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			
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	500 Bl.			Size	Stands	Singles	4 Drill Collar	Kelly	500 Bl.			Size	Stands	Singles	4 Drill Collar	Kelly	500 Bl.		
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	From	To	Ft. Cut	Ft. Rec'd	Type			Time	From	To	Ft. Cut	Ft. Rec'd	Type			Time	From	To	Ft. Cut	Ft. Rec'd	Type		
SURVEY	Type	Depth	Degrees Off	Direction					Type	Depth	Degrees Off	Direction					Type	Depth	Degrees Off	Direction				
CASING RUN	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives		Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives		Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives	
PERFORATING	From	To	Shot/Ft.	From	To	Shot/Ft.	Type		From	To	Shot/Ft.	From	To	Shot/Ft.	Type		From	To	Shot/Ft.	From	To	Shot/Ft.	Type	
ACIDIZING	From	To	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.		From	To	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.		From	To	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					
ABANDONMENT PLUGS	No.	From	To	Cement	Additive	Plug Down	Felt At	Time	No.	From	To	Cement	Additive	Plug Down	Felt At	Time	No.	From	To	Cement	Additive	Plug Down	Felt At	Time
REMARKS	1200 1215 RIG SERVICE 1215-700 Drilling Ahead To 220 700 715 SURVEY 715-745 TRIP FOR 6 1/4 745 800 DRILLING Operator _____ Driller _____ Electrolog: from _____ to _____								800-815 DRILLING 815-830 SERVICE RIG 830-400 DRILLING Operator _____ Driller _____ Microlog: from _____ to _____								400-415 SERVICE RIG 415-545 DRILLING 6 1/4 545-600 SURVEY 600-645 TRIP FOR 9' BIT 645-715 CIRE TO RUN CASING Operator _____ Driller _____ Radioactivity Log: from _____ to _____							

5-

Field _____

HUSKY OIL & REFINING LTD. DRILLING RIG TOUR REPORT

Date FEB 11 1958

Name and No. of Rig HUSKY RIG 11

TOUR No. ONE

TOUR No. TWO

TOUR No. THREE

DRILL PIPE							CASING DEPTH						DRILL PIPE							CASING DEPTH																		
Drill Collar Stand and Bit Reamers, Core Barrel, etc.							Size O.D.						Drill Collar Stand and Bit Reamers, Core Barrel, etc.							Size O.D.																		
STANDS							Depth of Shoe						STANDS							Depth of Shoe																		
							DEPTH OF HOLE													DEPTH OF HOLE																		
Singles							Depth at Beginning of Tour						Singles							Depth at Beginning of Tour																		
Footage Cored													Footage Cored																									
Kelly Down							Footage Drilled						Kelly Down							Footage Drilled																		
Total Pipe for Bottom							Depth at End of Tour						Total Pipe for Bottom							Depth at End of Tour																		
Time	Depth	Formation During Last Hour (Include Oil and Gas Shows)					Wt. Indic. Reading	Mud Weight	Mud Viscosity	Pump Pressure	Changes of Mud	Time	Depth	Formation During Last Hour (Include Oil and Gas Shows)					Wt. Indic. Reading	Mud Weight	Mud Viscosity	Pump Pressure	Changes of Mud	Time	Depth	Formation During Last Hour (Include Oil and Gas Shows)					Wt. Indic. Reading	Mud Weight	Mud Viscosity	Pump Pressure	Changes of Mud			
1 hr.		PLUG NO 1					2607-	2350				1 hr.												1 hr.														
2 hr.												2 hr.												2 hr.														
3 hr.												3 hr.												3 hr.														
4 hr.												4 hr.												4 hr.														
5 hr.		PLUG NO 2					270 -	170				5 hr.												5 hr.														
6 hr.												6 hr.												6 hr.														
7 hr.												7 hr.												7 hr.														
8 hr.												8 hr.												8 hr.														
BITS USED							CORES TAKEN						BITS USED							CORES TAKEN						BITS USED							CORES TAKEN					
Size	Type	Serial No.	Footage This Tour	Total Footage	To	From	Recovery	Size	Type	Serial No.	Footage This Tour	Total Footage	To	From	Recovery	Size	Type	Serial No.	Footage This Tour	Total Footage	To	From	Recovery	Size	Type	Serial No.	Footage This Tour	Total Footage	To	From	Recovery							
Deviation Survey taken at Degrees off Direction							Deviation Survey taken at Degrees off Direction							Deviation Survey taken at Degrees off Direction							Deviation Survey taken at Degrees off Direction																	
CREW							TIME ANALYSIS						CREW							TIME ANALYSIS						CREW							TIME ANALYSIS					
Derrickman							DRILLING	Derrickman						DRILLING						Derrickman						DRILLING												
Cathead							CORING	Cathead						CORING						Cathead						CORING												
Fireman							REAMING	Fireman						REAMING						Fireman						REAMING												
Floorman							CONDITIONING MUD	Floorman						CONDITIONING MUD						Floorman						CONDITIONING MUD												
Floorman							CIRCULATING	Floorman						CIRCULATING						Floorman						CIRCULATING												
Driller							FISHING	Driller						FISHING						Driller						FISHING												
Tool Pusher	Signature						RUNNING DEVIATION	Tool Pusher						RUNNING DEVIATION						Tool Pusher						SIGNATURE												
Gallons Fuel Used							RUNNING ELECTRIC LOG	Gallons Fuel Used						RUNNING ELECTRIC LOG						Gallons Fuel Used						WAITING ON CEMENT												
Remarks:							WAITING ON CEMENT	Remarks:						WAITING ON CEMENT						OILING, GREASING						SHUT DOWN REPAIRS												
							OILING, GREASING							OILING, GREASING						SHUT DOWN REPAIRS																		
							SHUT DOWN REPAIRS							SHUT DOWN REPAIRS																								
							TRIP TIME	TRIP TIME						TRIP TIME						TOTAL HOURS						TOTAL HOURS												
							TOTAL HOURS							TOTAL HOURS																								
12 ⁰⁰ -1 ¹⁵ Rig up to circ & circ plug no 1							8 ⁰⁰ -5 ⁰⁰ Rig down																															
1 ¹⁵ -1 ⁴⁵ Lay down pipe, leave 4 stands							Felt plug no 2 at 2PM																															
1 ⁴⁵ -4 ⁰⁰ Run 4 stands & circ							at 165'																															
4 ⁰⁰ -5 ⁰⁰ Plug no 2																																						
5 ⁰⁰ -5 ¹⁵ Lay down D.C.																																						
5 ¹⁵ -5 ⁴⁵ Rig down																																						
5 ⁴⁵ -8 ⁰⁰																																						

COMPANY D. TODD BRIGGS
CONTRACTOR HUGHY OIL & REF

DAILY REPORT

Name of Well ITALIANA LAKE

DATE FEB 11 1958

No. 2

BOARD COPY

(TO BE SENT TO BOARD
FIELD OFFICE)

	FIRST TOUR								SECOND TOUR								THIRD TOUR																															
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																											
	2595		12		2607 T.D.								2602 T.D.								2607 T.D.																											
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.																								
	6 1/4	33069	OSC	FAIR	5	80	67	12 1/4																																								
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.																
	3 1/2	42		29-25	40 D	2-97								42		29-25	40																															
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	10.1	52	WL-4.4	9.0																																											
	2:00	10.1	52	FC. 3/2																																												
	3:00	10.1	52		9.0																																											
CORING	Time	From	To	Ft. Cut	Ft. Rec'd	Type								Time	From	To	Ft. Cut	Ft. Rec'd	Type								Time	From	To	Ft. Cut	Ft. Rec'd	Type																
SURVEY	Type	Depth	Degrees Off	Direction					Type	Depth	Degrees Off	Direction					Type	Depth	Degrees Off	Direction																												
CASING RUN	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives								Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives								Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives													
	7	213	223	17		100	2% CC																																									
PERFORATING	From	To	Shot/Ft.	From	To	Shot/Ft.	Type								From	To	Shot/Ft.	From	To	Shot/Ft.	Type								From	To	Shot/Ft.	From	To	Shot/Ft.	Type													
ACIDIZING	From	To	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.								From	To	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.								From	To	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.																				
ABANDONMENT PLUGS	No.	From	To	Cement	Additive	Plug Down	Felt At	Time								No.	From	To	Cement	Additive	Plug Down	Felt At	Time								No.	From	To	Cement	Additive	Plug Down	Felt At	Time										
																															1	2607	2350	78	-													
																															2	270	170	21	2%		165	12 1/2										
																															4:00 = 780 VELOCITY SURVEY.																	
																															7:30 = 1030 W.C.O.																	
																															10:30 = 1200 = RUN IN TO PLUG OFF.																	
REMARKS	1200 - 1215 - SERVICE RIG								800 - 1000 - LOGGING								4:00 = 780 VELOCITY SURVEY.																															
	1215 - 2:30 - DRILLING																																															
	2:30 - 3:15 - CIRC TO LOG																																															
	3:15 - 4:30 - PULL OUT TO LOG																																															
	4:30 - 4:45 - RIG UP TO LOG								4:45 - 8:00 - LOGGING																																							
	Operator								Driller <u>W. J. Clauger</u>								Operator								Driller <u>Butterfield</u>								Operator								Driller <u>WILLIAMSON</u>							
	Electrolog: from								to								Microlog: from								to								Radioactivity Log: from								to							

CONTRACTOR HUSKY OIL & RENT

DAILY REPORT

Name of Well TATHLINA LAKE

DATE FEB 10 1958

No. 5 _____

BOARD COPY

(TO BE SENT TO BOARD
FIELD OFFICE)

DEPTH	FIRST TOUR								SECOND TOUR								THIRD TOUR							
	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			
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	1 Drill Collar	Kelly	Core Bbl.			Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.			Size	Stands	Singles	1 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	From	To	Ft. Cut	Ft. Rec'd	Type			Time	From	To	Ft. Cut	Ft. Rec'd	Type			Time	From	To	Ft. Cut	Ft. Rec'd	Type		
SURVEY	Type	Depth	Degrees Off	Direction					Type	Depth	Degrees Off	Direction					Type	Depth	Degrees Off	Direction				
CASING RUN	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives		Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives		Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives	
PERFORATING	From	To	Shot/Ft.	From	To	Shot/Ft.	Type		From	To	Shot/Ft.	From	To	Shot/Ft.	Type		From	To	Shot/Ft.	From	To	Shot/Ft.	Type	
ACIDIZING	From	To	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.		From	To	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.		From	To	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					
ABANDONMENT PLUGS	No.	From	To	Cement	Additive	Plug Down	Felt At	Time	No.	From	To	Cement	Additive	Plug Down	Felt At	Time	No.	From	To	Cement	Additive	Plug Down	Felt At	Time
REMARKS	3 1200 - 115 - SERVICE RIG								800 1200 REPAIRING MOTOR AIR COMP.								400 - 415 - SERVICE RIG							
	1215 - - DRILLING								1200 115 RUN IN HOLE. C.O. AIR LINES								415 - 1200 - TIME DRILLING							
	200 - - SURVEY								115 145 CIRC															
	530 - 600 WORK ON TIE COMPRESSOR								145 - 400 DRILLING															
	600 - 730 PULL OUT STRAP PIPE																							
	Operator Driller J. Overmeyer								Operator Driller B. Overmeyer								Operator Driller WILLIAMSON							
	Electrolog: from to								Microlog: from to								Radioactivity Log: from to							

COMPANY D. TODD BAIGESCONTRACTOR ITUSNY OIL & REF

DAILY REPORT

Name of Well TATHANA LAKEDATE FEB 9 1958No. 5

BOARD COPY

(TO BE SENT TO BOARD
FIELD OFFICE)

	FIRST TOUR								SECOND TOUR								THIRD TOUR																								
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																				
	23 59		35		23 94				23 94		60		24 54				24 54		56		25 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																		
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.																	
	6 1/4	5030	OSC	2003E	6	85	103	19 1/4	6 1/4	5030	OSC	FAIR	6	85	68	8 3/4	6 1/4	5030	OSC	RUNNING	5	80	124	16 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.	Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.																	
	3 1/2	38	1	29-25	37 D	2-97	3 1/4	39	1	29-25	38 D	5-297	3 1/2	40	1	29-25	37 D	5-297	3 1/2	40	1	29-25	37 D	5-297																	
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	Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind													
	12:00	10.0	46	WL-5.2	8.8	50 lbs	CAUSTIC	9:30	9.9	46			5 Bags GEL		5:00	10.0	51	WL-5.2																							
	2:00	9.9	47	PH-8.5		50 lbs	TANNEX	11:30	9.9	48			WL-5.2-5.2					PH 8.5		50 lbs	TANNEX																				
	4:00	9.9	47	9.0	9.0				1:30	9.9	51			EC-2/32-2/32		11:00	10.0	50			FL 2/32	2.5"	CAUSTIC																		
CORING	Time	From	To	Ft. Cut	Ft. Rec'd	Type	Time	From	To	Ft. Cut	Ft. Rec'd	Type	Time	From	To	Ft. Cut	Ft. Rec'd	Type	Time	From	To	Ft. Cut	Ft. Rec'd	Type	Time	From	To	Ft. Cut	Ft. Rec'd	Type											
SURVEY	Type	Depth	Degrees Off	Direction	Type	Depth	Degrees Off	Direction	Type	Depth	Degrees Off	Direction	Type	Depth	Degrees Off	Direction	Type	Depth	Degrees Off	Direction	Type	Depth	Degrees Off	Direction	Type	Depth	Degrees Off	Direction	Type	Depth	Degrees Off	Direction									
CASING RUN	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives						
	7	212	223	17		1.0	2% CC								7	213	223	17		1.0	2% CC																				
PERFORATING	From	To	Shot/Ft.	From	To	Shot/Ft.	Type	From	To	Shot/Ft.	From	To	Shot/Ft.	Type	From	To	Shot/Ft.	From	To	Shot/Ft.	Type	From	To	Shot/Ft.	From	To	Shot/Ft.	Type	From	To	Shot/Ft.	Type	From	To	Shot/Ft.	Type					
ACIDIZING	From	To	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.	From	To	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.	From	To	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.	From	To	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.	From	To	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	No.	Interval Tested		to	No.	Interval Tested		to	No.	Interval Tested		to	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.		Valve Open	min.	Shut in	mins.		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.		Gas to Surface	min. @		Mcf/d Max.		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.		Oil to Surface	min. @		Bbl/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.						ft.							ft.							ft.						ft.							ft.						
		ft.						ft.							ft.							ft.						ft.							ft.						
		ft.						ft.							ft.							ft.						ft.							ft.						
ABANDONMENT PLUGS	No.	From	To	Cement	Additive	Plug Down	Felt At	Time	No.	From	To	Cement	Additive	Plug Down	Felt At	Time	No.	From	To	Cement	Additive	Plug Down	Felt At	Time	No.	From	To	Cement	Additive	Plug Down	Felt At	Time	No.	From	To	Cement	Additive	Plug Down	Felt At	Time	
REMARKS	12:00 - 12:15 - SERVICE RIG								8:00 8:15 SER RIG								12:00 - 12:15 - SERVICE RIG								4:15 - 12:00 - TIME DRILLING																
	12:15 - 5:15 - DRILLING								8:15 - 4:00 DRILLING																																
	5:15 - 7:00 - TRIP FOR BIT																																								
	7:00 - 8:00 - DRILLING																																								
Operator	Driller <u>Q. O. HENNING</u>								Operator <u>Driller</u>								Operator <u>Driller</u>								Operator <u>Driller</u>																
Electrolog: from	to								Microlog: from								to								Radioactivity Log: from								to								

CONTRACTOR HUSKY OILS + REF.-----

DAILY REPORT

Name of Well BRIGGS TATHUNA LAKE

DATE FEB 8 1958

No. 5

BOARD COPY

(TO BE SENT TO BOARD
FIELD OFFICE)

	FIRST TOUR								SECOND TOUR								THIRD TOUR										
DEPTH	Start of Tour		Hole Made This Tour		End of Tour				Start of Tour		Hole Made This Tour		End of Tsur				Start of Tour		Hole Made This Tour		End of Tour						
	2260		27		2283				2283		38		2321				2321		38		2359						
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.			
	6 1/4	43545	OSC	LCCSE	4	80	69	18 1/2	6 1/4	47686	OSC	NWU	6	85	38	6 1/2	6 1/4	47686	OSC	FAIA	5	85	76	14 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.									
	3 1/2	37		29.25	17.0	2.97	3 1/2	37	1	29.25	24D	2.97	3 1/2	38		29.25	31	2.97									
MUD RECORD	Time	Weight	Vis.	Gel Str.	pH	Amt Added	Kind	Time	Weight	Vis.	Gel Str.	pH	Amt Added	Kind	Time	Weight	Vis.	Gel Str.	pH	Amt Added	Kind						
	2:00	9.9	48	WL-4				10:00	9.9	42	WL-5.2	9.0	5 bags	GEL	4:30	9.9	51	WL-4									
				pH 9.5				12:00	9.9	56	FLC-3/32		25 lbs	CRAUSTIC	7:30	9.9	50	Ph-9.0									
	5:00	9.9	47	FLC	2/32			2:00	10.0	50		9.0	50 lbs	TANNEX	9:00	9.9	50	FLC-3/32									
								4:00	10.0	50		9.0			11:30	9.9	48										
CORING	Time	From	To	Ft. Cut	Ft. Rec'd	Type	Time	From	To	Ft. Cut	Ft. Rec'd	Type	Time	From	To	Ft. Cut	Ft. Rec'd	Type									
SURVEY	Type	Depth	Degrees Off	Direction	Type	Depth	Degrees Off	Direction	Type	Depth	Degrees Off	Direction															
CASING RUN	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives						
	7	213	223	17		100	2% CC	7	213	223	17		100	2% CC													
PERFORATING	From	To	Shot/Ft.	From	To	Shot/Ft.	Type	From	To	Shot/Ft.	From	To	Shot/Ft.	Type	From	To	Shot/Ft.	From	To	Shot/Ft.	Type						
ACIDIZING	From	To	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.	From	To	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.	From	To	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.	No.	Interval Tested	to	Valve Open min.	Shut in mins.	Gas to Surface min. @	Mcf/d Max.	Oil to Surface min. @	Bbl/d Max.	No.	Interval Tested	to	Valve Open min.	Shut in mins.	Gas to Surface min. @	Mcf/d Max.	Oil to Surface min. @	Bbl/d Max.
ABANDONMENT PLUGS	No.	From	To	Cement	Additive	Plug Down	Felt At	Time	No.	From	To	Cement	Additive	Plug Down	Felt At	Time	No.	From	To								

COMPANY D. TODD BRIGGSCONTRACTOR HUSKY OILS + REF.

DAILY REPORT

Name of Well _____

DATE FEB 7 1958No. 5

BOARD COPY

(TO BE SENT TO BOARD
FIELD OFFICE)

	FIRST TOUR								SECOND TOUR								THIRD TOUR							
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			
	2195		19		2214				2214		19		2233				2233		27		2260			
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.
	6 1/4	45544	OSC	Good	3	80	84	10 1/2	6 1/4	43545	OSC	NEW	4	80	19	4 1/2	6 1/4	43545	OSC	NEW	4	85	46	11 3/4
DRILL PIPE	Size	Stands	Singles	1 Drill Collar	Kelly	Core Bbl.			Size	Stands	Singles	1 Drill Collar	Kelly	Core Bbl.			Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.		
	3 1/2	35	1	29.25	D 39	2.97			3 1/2	35	1	29.25	D 39	2.97			3 1/2	35	1	29.25	D 39	2.97		
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	
	1:30	9.9	50	W.L.	4.0												4:30	9.9	52					
	4:30	9.9	46	PH	9.5					9.9	47	F.L. - 3/2					7:00	9.9	51					
				FIE	2 1/2																			
CORING	Time	From	To	Ft. Cut	Ft. Rec'd	Type			Time	From	To	Ft. Cut	Ft. Rec'd	Type			Time	From	To	Ft. Cut	Ft. Rec'd	Type		
SURVEY	Type	Depth	Degrees Off	Direction					Type	Depth	Degrees Off	Direction					Type	Depth	Degrees Off	Direction				
CASING RUN	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives		Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives		Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives	
	7	213	223	17		100	2% CC		7	213	223	17		100	2% CC									
PERFORATING	From	To	Shot/Ft.	From	To	Shot/Ft.	Type		From	To	Shot/Ft.	From	To	Shot/Ft.	Type		From	To	Shot/Ft.	From	To	Shot/Ft.	Type	
ACIDIZING	From	To	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.		From	To	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.		From	To	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.						
ABANDONMENT PLUGS	No.	From	To	Cement	Additive	Plug Down	Felt At	Time	No.	From	To	Cement	Additive	Plug Down	Felt At	Time	No.	From	To	Cement	Additive	Plug Down	Felt At	Time
REMARKS	1200 = 1215 = SERVICE RIG								800 - 815 = SERVICE RIG								400 415 SERVICE RIG							
	1215 = 530 = DRILLING								815 - 915 = WORK ON AIR COMPRESSOR								415 1200 DRILLING							
	530 = 600 = HOIST FOR BIT.								915 - 1015 = RUN IN															
	600 = 715 = PREPARE TO RUN IN.								1015 - 1045 = CIRC															
	715 = 800 = PREPARE TO RUN IN.								1045 - 400 = DRILLING															
	Operator <u>WILLIAMSON</u>								Operator <u>WILLIAMSON</u>								Operator <u>WILLIAMSON</u>							
	Electrolog: from _____ to _____								Microlog: from _____ to _____								Radioactivity Log: from _____ to _____							

COMPANY D. TODD BRIGGSCONTRACTOR HUSKY OILS & REF.

DAILY REPORT

Name of Well BRIGGS TATHINA LAKEDATE FEB 6 1958No. 5

BOARD COPY

(TO BE SENT TO BOARD
FIELD OFFICE)

DEPTH	FIRST TOUR								SECOND TOUR								THIRD TOUR							
	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			
	1927		111		2038				2038		92		2130				2130		65		2195			
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.
	6 1/4	50228	OSC	Good	3	80	186	13 3/4	6 1/4	50228	OSC		3	80	278	20	6 1/4	43544	OSC	NEW	3	85	85	5 1/4
DRILL PIPE	Size	Stands	Singles	1 Drill Collar	Kelly	Core Bbl.			Size	Stands	Singles	1 Drill Collar	Kelly	Core Bbl.			Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.		
	3 1/2	33		29.25	150	2.97			3 1/2	34	1	29.25	160	2.97			3 1/2	35		29.25	20		2.97	
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	10.0	65	W.L.	5.0				10:00	9.9	45	W.L.-5.6	9.5	5 bags	GEL		7:00	10	64					
	6:00	90.0	55	PH 9.5	50#		TANNER		12:00	9.9	62	FC. 3/2		25 lbs.	CAUSTIC									
	7:00		48	FLC 1/2	25#		CAUSTIC		4:00	9.9	62			50 lbs.	TANNER		9:00	10	61					
														400 gals.	Diesel		10:50	10	61					
CORING	Time	From	To	Ft. Cut	Ft. Rec'd	Type			Time	From	To	Ft. Cut	Ft. Rec'd	Type			Time	From	To	Ft. Cut	Ft. Rec'd	Type		
SURVEY	Type	To	Depth	2000	Degrees Off	298	Direction		Type	To	Depth	2130	Degrees Off	308	Direction		Type	Depth	Degrees Off	Direction				
CASING RUN	Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives		Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives		Size	Amount	Set @ K.B.	Wt./Ft.	New/Used	Cement	Additives	
	7	213	223	17		100	2% CC		7	213	223	17		100	2% CC									
PERFORATING	From	To	Shot/Ft.	From	To	Shot/Ft.	Type		From	To	Shot/Ft.	From	To	Shot/Ft.	Type		From	To	Shot/Ft.	From	To	Shot/Ft.	Type	
ACIDIZING	From	To	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.		From	To	Amount Gals.	Kind	Breakdown Press.	Final Press.	Feed Rate Bbls./Min.		From	To	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.						
ABANDONMENT PLUGS	No.	From	To	Cement	Additive	Plug Down	Felt At	Time	No.	From	To	Cement	Additive	Plug Down	Felt At	Time	No.	From	To	Cement	Additive	Plug Down	Felt At	Time
REMARKS	1200 = 12' = SERVICE RIG								800-815 - SERVICE RIG								400 500 CORK ON AIR							
	1215 = 500 = DRILL.								815-830 - DRILLING								500 600 RUN IN							
	500 = 530 = SURVEY								830-300 - SURVEY								600 630 CORK							
	530 = 800 = DRILLING								300-410 - PULL OUT FOR BIT								630 1200 DRILLING							
	Operator <u>W. WILLIAMSON</u>								Operator <u>J. Obermeyer</u>								Operator							
	Electrolog: from to								Microlog: from to								Radioactivity Log: from to							