

GEOLOGICAL REPORT
BAIGES TATNELINA LAKE NO. 8
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 DATA	1
DAILY CHRONOLOGICAL WELL REPORT	3
SIT RECORD	5
MUD RECORD	6
TIME DRILLING RECORD	7
SAMPLE DESCRIPTION	9
GEOLOGICAL AND ENGINEERING SUMMARY	11
LOGS - Induction-Electrical Log	In Pocket
Gamma Ray-Neutron Log	
Microlaterolog, Graphic Well Log	

SUMMARY OF PERTINENT WELL DATA

Well Name: Briggs Tathlina Lake No. 6
Location: Latitude 60° 45' N.
Longitude 117° 20' W.
Elevation: Ground 873'
F. B. 883'
Total Depth: 2,371'
Operator: J. B. White and A. M. Lloyd
Technical Supervision: J. C. Sproule & Associates
Drilling Contractor: Husky Oil and Refining Ltd.
Spudded: March 10, 1958.
Completed: March 18, 1958.
Status: Abandoned March 22, 1958

Drilling Data:

<u>Hole Size</u>	<u>Depth</u>	
	<u>From</u>	<u>To</u>
7"	Surface	225'
6 1/4"	225'	2371'

Deviation Surveys

<u>Degree</u>	<u>Depth</u>
1 1/4°	225'
1°	500'
2 3/4°	1400'
3°	1960'

Casing:

Surface Casing

207.58' of 7", 17 lb., set at 217.62 F.B. Cemented with 60 sacks, 26 CaCl₂.

Geological Markers:

<u>Formation</u>	<u>Samples</u>		<u>Log</u>	
	<u>Depth</u> <u>Feet</u>	<u>Subsea</u> <u>Feet</u>	<u>Depth</u> <u>Feet</u>	<u>Subsea</u> <u>Feet</u>
May River	835	+48	830	+53
Slave Point	2075	-1192	2080	-1205
Watt Mountain	2278	-1395	2280	-1397
Pine Point	2333	-1450	-	-

Abandonment Plug:

Plug No. 1 170' to 270', 23 sacks cement.

Logs:

Induction-Electrical Log 220' to 2326'
 Gamma Ray-Neutron Log 130' to 2327'
 Microlaterolog 220' to 2326'
 Graphic Well Log 0' to 2371'

CORES:

NONE TAKEN - CRC.

DAILY CHRONOLOGICAL WELL REPORTWell Name: Briggs Tethline Lake No. 2Location: Latitude 60° 45' N.
Longitude 117° 20' W.

<u>Date</u>	<u>Total Depth Feet</u>	<u>Progress Feet</u>	<u>Days</u>	<u>Remarks</u>
Mar. 10	55	55	1	Rigged up and conditioned mud 5 3/4 hrs. Drilled 9" hole 5 3/4 hrs. Reamed 11" to 12 1/4" hole 1 hr. Set conductor pipe 4 hrs. Dug rat hole 4 1/2 hrs. Reamed 3 hrs.
Mar. 11	483	428	2	Serviced rig 3/4 hrs. Ran survey 1/4 hr. Tripped 1/2 hr. Drilled 9" hole 10 3/4 hrs. Drilled 6 1/4" hole 11 3/4 hrs.
Mar. 12	792	389	3	Serviced rig 1 hr. Ran survey 1/4 hr. Tripped 2 hrs. Drilled 17 3/4 hrs. Ran and cemented casing 2 1/2 hrs. Waited on cement 1/2 hr.
Mar. 13	792	0	4	Waited on cement 23 hrs. Drilled out 1 hr.
Mar. 14	1517	725	5	Drilled out 3/4 hr. Serviced rig 3/4 hr. Circulated 3/4 hr. Survey ran 1/4 hr. Tripped 3 hrs. Drilled 18 1/2 hrs.
Mar. 15	2063	543	6	Serviced rig 1/2 hr. Circulated 3/4 hr. Ran survey 1/4 hr. Tripped 2 hrs. Drilled 17 1/2 hrs. Repaired 3 hrs.
Mar. 16	2177	113	7	Serviced rig 3/4 hr. Tripped 1 1/2 hrs. Drilled 21 3/4 hrs.
Mar. 17	2273	96	8	Serviced rig 1/2 hr. Tripped 2 hrs. Reamed 1/4 hr. Drilled 21 1/4 hrs.
Mar. 18	2370	97	9	Serviced rig 3/4 hr. Tripped 3 1/4 hrs. Circulated 1 1/4 hrs. Drilled 15 1/2 hrs. Worked on stuck pipe 3 1/4 hrs. (Hit or junk sub hung up at base of surface casing.)

<u>Date</u>	<u>Total Depth Feet</u>	<u>Progress Feet</u>	<u>Days</u>	<u>Remarks</u>
Mar. 19	2371	1	10	Tripped 2 hrs. Reached base of surface casing 3 1/2 hrs. Waited on Schlumberger 19 1/2 hrs.
Mar. 20	2371	-	11	Waited on Schlumberger 24 hrs.
Mar. 21	2371	-	12	Waited on Schlumberger 13 1/2 hrs. Tripped 1 hr. Logged 9 1/2 hrs. Unable to get to bottom.
Mar. 22	2371	-	13	Logged 10 1/2 hrs. Ran Plug No. 1 1/4 hr. Rig down in 7 3/4 hrs. Felt Plug No. 1 at 165' at 6:30 p.m.

BIT RECORD

Well Name: Briggs Pathline Lake No. 8

Location: Latitude 60° 45' N.
Longitude 117° 20' W.

<u>Bit No.</u>	<u>Type</u>	<u>Serial No.</u>	<u>Size Inches</u>	<u>Depth</u>		<u>Footage Feet</u>	<u>Hours</u>
				<u>From Feet</u>	<u>To Feet</u>		
1	OSC	R.A.	9	0	44	44	3 1/2
2	OSC	90236	9	44	225	225	13
3	OSC-3	52473	6 1/4	225	560	335	19 1/4
4	OSC-3	52460	6 1/4	560	792	232	10 1/4
5	OSC-3	52463	6 1/4	792	1455	663	19
6	OSC-3	52427	6 1/4	1455	1968	513	15
7	OSC-3	52393	6 1/4	1968	2130	162	14 1/2
8	OSC	54473	6 1/4	2130	2207	77	17 1/2
9	OWS	51451	6 1/4	2207	2308	101	19 1/4
10	OSC	50242	6 1/4	2308	2371	63	9 3/4

WPD RECORDWell Name: Briggs Tathlina Lake No. 2Location: Latitude 60° 45' N.
Longitude 117° 20' W.

<u>Date</u>	<u>Avg. Weight</u> Lbs/US Gal.	<u>Avg. Viscosity</u> Seconds	<u>Avg. Water Loss</u> c.c.	<u>Additives</u>
Mar. 10				2000 lbs. Gel
Mar. 11	9.5	63	-	300 lbs. Gel 30 lbs. Sapp
Mar. 12	9.6	54	7.5	300 lbs. Gel 50 lbs. Tannex 25 lbs. Caustic
Mar. 13	-	-	-	450 lbs. Bicarbonate
Mar. 14	10.0	49	7.0	300 lbs. Gel 50 lbs. Tannex 25 lbs. Caustic
Mar. 15	10.0	52	5.6	600 lbs. Gel 150 lbs. Tannex 50 lbs. Caustic 75 lbs. Driscose 20 lbs. Sapp
Mar. 16	10.1	53	5.4	5 sacks Gel 100 lbs. Tannex 15 lbs. Caustic 50 lbs. Driscose
Mar. 17	10.1	48	5.0	300 lbs. Gel 50 lbs. Tannex 75 lbs. Driscose
Mar. 18	10.0	49	4.8	200 lbs. Gel 100 lbs. Tannex 40 lbs. Caustic 25 lbs. Driscose
Mar. 19	10.0	50	4.8	-
Mar. 21	10.0	51	5.3	600 lbs. Gel

TIME DRILLING RECORDWell Name: Briggs Yathlana Lake No. 8Location: Latitude 60° 45' N.
Longitude 117° 20' W.

<u>Depth</u> <u>Feet</u>	<u>Time in Minutes</u> <u>(1-foot interval)</u>	<u>Depth</u>	<u>Time in Minutes</u>
1970	2, 1, 2, 1, 2, 2, 3, 3, 2, 3,		
1980	3, 2, 3, 3, 2, 3, 2, 2, 3, 2,	2090	9, 12, 13, 13, 13, 12, 11, 13, 12, 13,
1990	2, 3, 3, 3, 2, 3, 2, 2, 3, 3,	2100	11, 9, 11, 13, 12, 10, 11, 14, 13, 12
2000	2, 2, 3, 2, 2, 2, 2, 2, 2, 3,	2110	12, 15, 10, 15, 14, 11, 10, 12, 13, 15,
2010	2, 2, 3, 2, 2, 3, 2, 3, 4, 2,	2120	14, 14, 13, 11, 13, 16, 18, 19, 17, 22,
2020	1, 2, 1, 2, 2, 1, 2, 2, 1, 1,	2130	12, 12, 11, 12, 10, 10, 8, 9, 13, 14,
2030	2, 3, 3, 3, 2, 1, 1, 2, 2, 2,	2140	13, 13, 17, 16, 14, 17, 17, 18, 17, 17,
2040	2, 2, 2, 3, 3, 2, 2, 3, 2, 2,	2150	15, 11, 10, 10, 11, 12, 14, 12, 14, 14,
2050	1, 2, 2, 1, 2, 2, 2, 2, 1, 2,	2160	13, 12, 14, 13, 12, 14, 15, 14, 10, 9,
2060	2, 1, 2, 2, 1, 2, 2, 1, 1, 1,	2170	15, 15, 15, 15, 15, 12, 13, 13, 15, 12,
2070	2, 2, 1, 2, 2, 6, 6, 3, 3, 3,	2180	12, 18, 17, 18, 15, 16, 18, 16, 18, 16,
2080	6, 6, 3, 3, 3, 5, 13, 13, 10, 7,	2190	10, 13, 15, 12, 12, 12, 12, 13, 11, 11,

<u>Depth Feet</u>	<u>Time in Minutes</u>	<u>Depth Feet</u>	<u>Time in Minutes</u>
2200	12, 14, 14, 16, 14, 12, 15, 14, 16, 13,	2290	9, 10, 7, 6, 10, 10, 10, 9, 10, 1,
2210	13, 9, 11, 9, 11, 12, 13, 13, 14, 13,	2300	10, 10, 8, 11, 10, 12, 12, 12, 8, 6,
2220	14, 13, 13, 15, 13, 15, 14, 15, 11, 13,	2310	5, 7, 7, 6, 6, 7, 6, 7, 6, 7,
2230	15, 17, 13, 14, 13, 12, 12, 14, 13, 13,	2320	7, 7, 8, 8, 7, 7, 8, 8, 8, 7,
2240	11, 11, 11, 11, 10, 11, 11, 11, 13, 11,	2330	10, 11, 11, 11, 10, 11, 13, 11, 11, 10,
2250	13, 12, 14, 13, 12, 14, 15, 14, 10, 9,	2340	11, 10, 10, 13, 14, 15, 17, 17, 8, 7,
2260	12, 11, 11, 13, 13, 13, 14, 11, 12, 10,	2350	8, 10, 9, 10, 8, 8, 8, 10, 8, 9,
2270	11, 10, 11, 10, 14, 14, 12, 10, 6, 2,	2360	10, 10, 10, 10, 10, 10, 9, 8, 8, 13,
2280	6, 7, 11, 9, 12, 8, 12, 10, 11, 11,	2370	14.

SAMPLE DESCRIPTION

Well Name: Briggs Tathlina Lake No. 8

Location: Latitude 60° 45' N.
Longitude 117° 20' W.

<u>Depth</u> Feet	<u>Description</u>
0-20	Glacial till.
20-40	Limestone - grey, sandy. Traces of green shale and sandstone.
40-60	Limestone - as above. Limestone - light grey, finely fragmental, fossiliferous.
60-120	Limestone - grey, greenish tinge, sandy, shale partings. Sandstone - grey, fine-grained, quartzose, calcareous, micaceous. Limestone - light grey, finely fragmental.
120-230	Sandstone - similar to above, but finer and more argillaceous, interbedded with green shale. Limestone - sandy.
230-440	Limestone - grey, silty and sandy, minor shale.
440-570	Limestone - light brownish-grey, dense, very slightly silty, (very fine silt).
570-770	Limestone - as above. Limestone - dull grey, silty to argillaceous.
770-835	Limestone - light grey, dense. Trace of fine crystalline dolomite with intercrystalline porosity.
835-860	Limestone - grey, greenish tinge, very argillaceous. Some green calcareous shale. Some clean brownish-grey limestone.
860-900	Shale - green, calcareous. Some dull grey silty to argillaceous limestone.
900-930	Shale - as above. Limestone - grey, argillaceous to silty, in part coarsely fragmental.
930-1060	Shale - green, calcareous, numerous stringers of silty or argillaceous limestone.
1060-1260	Shale - greenish-grey, highly calcareous, gradation with small amount of argillaceous limestone. Calcareous content gradually decreases downward.

<u>Depth</u> <u>Feet</u>	<u>Description</u>
1280-1440	Shale - green, less calcareous, fissile, micromicaceous. Trace of brown, dense, highly argillaceous limestone.
1440-1500	Shale - brighter green, very slightly calcareous, fissile, traces of grey specks and grey shale.
1500-1530	Shale - green, as above. Shale - medium grey, otherwise as the green shale. Pyrite common.
1530-1970	Shale - green, as above.
1970-1980	Shale - dark brown, slightly calcareous, micromicaceous.
1980-2075	Shale - green. Pyrite at base.
2075	<u>Slave Point</u>
2075-2140	Limestone - light brownish grey to brown, microcrystalline, in part slightly chalky.
2140-2190	Limestone - brownish grey, microcrystalline to dense.
2190-2200	Limestone - light brown, microcrystalline, in part with a chalky, fragmental appearance, in part slightly dolomitic. Traces of organic texture with original porosity.
2200-2230	Limestone - brown, microcrystalline to dense.
2230-2260	Limestone - light brownish grey to brown, microcrystalline to dense.
2260-2278	Limestone - light grey, microcrystalline to dense.
2278	<u>Watt Mountain</u>
2278-2333	Limestone - light grey to white, microcrystalline to very finely granular. Rare cuttings with poor porosity.
2333	<u>Pine Point</u>
2333-2372	Limestone - brown, microcrystalline, dolomitic, argillaceous, in part light speckled brown with earthy appearance, in part very dark brown, tarry appearance. Some dark brown chert.

GEOLOGICAL AND ENGINEERING SUMMARY

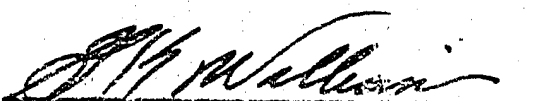
Well Name: Briggs Tathlina Lake No. 8

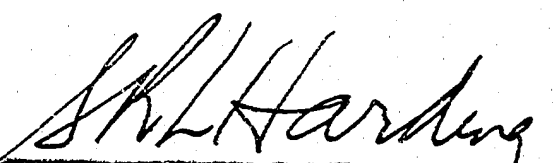
Location: Latitude 60° 45' N.
Longitude 117° 20' W.

Briggs Tathlina Lake No. 8 was the fourth and last well of the Briggs 1957 Stratigraphic Test program. The location is about three and one-half miles updip, or northeast, of No. 7, one and one-quarter miles south of No. 1.

There were two objectives in this well. In Tathlina Lake No. 7 porosity was encountered in the white limestone of the Watt Mountain formation as well as in the Presqu'ile reef. Both of these porous zones disappear between Tathlina Lake No. 7 and No. 1.

Briggs Tathlina Lake No. 8 found no porosity whatsoever in the cuttings. The white limestone of the Watt Mountain was tight throughout. The Presqu'ile reef was missing; in its place was a slightly dolomitic facies of the Pine Point limestone. As the Schlumberger logs confirmed the lack of porosity, no tests were run and the well was abandoned.


G. E. Williams, P. Eng.


S. E. L. Harding, P. Eng.

901 Eighth Avenue S. W.,
Calgary, Alberta,
April 16, 1958.

DATE MARCH 22 1958 BOARD COPY
No. 8 (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.	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	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							
	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	1200 = 800 = LORRING.								800-1030 - LOGGING								1500 800						
2nd with logging instruments)								1030-1045 - RUN Plug #1								PILGING DOWN								
								1045-400 - R/C DOWN																
Operator <i>W. Williams</i>								Operator <i>J. B. Thomas</i>								Operator <i>J. B. Thomas</i>								
Electrolog: from to								Microlog: from to								Radioactivity Log: from to								

COMPANY D. TODD BRIGGS
CONTRACTOR HUSKY OILS

DAILY REPORT

Name of Well BRIGGS TATHUNA LAKE

DATE MARCH 21/58

BOARD COPY

(TO BE SENT TO BOARD
FIELD OFFICE)

No. 8

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			
					2371																			
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	
									8:00	9.9	48	wt. 5.4	9.0	1 bag	GEL									
									12:00	10.1	51	FC. 1/2												
									2:00	10.1	53	FC. 1/2	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	
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	1200-800 CIRC. WAIT ON SCHLUMBERGER								800-130 - CIRC OPEN END - WAIT ON SCHLUMBERGER								400 1200 LOGGING							
Operator	Driller <u>J. Williams</u>								Operator <u>C. Williams</u>								Operator <u>J. Williams</u>							
Electrolog: from	to								Microlog: from								to							

COMPANY D. TODD BRIGGS
CONTRACTOR HUSKY OILS

DAILY REPORT

Name of Well BRIGGS TATHANA LAKE

DATE MARCH 20/58 BOARD COPY
(TO BE SENT TO BOARD FIELD OFFICE)
No. 8

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																																					
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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																					
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.	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	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	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	No.	From	To	Cement	Additive	Plug Down	Felt At	Time																
REMARKS	1200 = 800 = CIRC. W. O. SCHLUMBERGER 800 - 700 - CIRC OPEN END - WAIT ON SCHLUMBERGER																												400 1200 CIRC ON SCHLUMBERGER - CIRC OPEN END																											
	Operator <u>W. Williamson</u>																												Operator <u>J. Phary</u>																											
Electrolog: from _____ to _____																												Microlog: from _____ to _____																												
Radioactivity Log: from _____ to _____																												Radioactivity Log: from _____ to _____																												

COMPANY D. TODD BRIGGS
CONTRACTOR HUSKY OILS

DAILY REPORT

Name of Well BRIGGS TATHANA LAKE

DATE MARCH 19 1958

BOARD COPY

No. 8

(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			
	2371				2371								2371								2371			
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	50262	OSC				57	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	37		115-85	D. 17	2.97	3 1/2	37		115-85	17 D	2.97	3 1/2	39										
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	10.3	50	W.L.	4.8																			
				PH	9																			
				FC	2/32																			
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	207	2 1/2	17		60	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	No.	Interval Tested	to	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.	Valve Open	min.	Shut in	min.	Valve Open	min.	Shut in	min.	Shut in			
	Gas to Surface	min. @	Mcf/d Max.	min. @	Gas to Surface	min. @	Mcf/d Max.	min. @	Gas to Surface	min. @	Mcf/d Max.	min. @	Gas to Surface	min. @	Mcf/d Max.	min. @	Gas to Surface	min. @	Mcf/d Max.	min. @	Mcf/d Max.			
	Oil to Surface	min. @	Bbl/d Max.	min. @	Oil to Surface	min. @	Bbl/d Max.	min. @	Oil to Surface	min. @	Bbl/d Max.	min. @	Oil to Surface	min. @	Bbl/d Max.	min. @	Oil to Surface	min. @	Bbl/d Max.	min. @	Bbl/d Max.			
	Recovery:	ft.			Recovery:	ft.			Recovery:	ft.			Recovery:	ft.			Recovery:	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
REMARKS	1200-800- CIRC. + WORK PIPE. WAIT ON SCHLUMBERGER.								800-900- PULL OUT - UNABLE TO GET THROUGH CASING								400-700 WAIT ON SCHLUMBERGER. 700-800 RUN IN HOLE. 800-1200 CIRC. ON SCHLUMBERGER.							
									900-1200- MAKE READER- BEAMING- PULL OUT															
									1200-400- WAIT ON SCHLUMBERGER															
	Operator <u>Driller Williamson</u>								Operator <u>Driller J. J. J.</u>								Operator <u>Driller J. J. J.</u>							
	Electrolog: from to								Microlog: from to								Radioactivity Log: from to							

COMPANY P. TODD BRIGGSCONTRACTOR Husky Oil + Ref

DAILY REPORT

Name of Well TATHLINA LAKEDATE MARCH 18 1958

BOARD COPY

No. 5(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				
	2273		36		2309				2309		22		2331				2331		39		2370				
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	51491	OWS		6-7	60	101	19 1/2	6 1/4	50262	OSC	FAIR	6-7	70	23	2 1/4	6 1/4	50262	OSC		10	90	62	9 3/4	
	6 1/4	50262	OSC	NEW			1																		
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	36	JUNK SUB	115.85	170	2.97			3 1/2	36	JUNK SUB	115.85	390	2.97			6 1/4	37		115.85	17	JUNK SUB	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		
	2:35	10.0	48	N.L.	5.4	25#	DRISCO		4:00	10.0	49	W.L.	4.6	9.0	2 bags	GEL		5:00	10.0	50	W.L.	4.8	50#	TANNER	
									10:00	10.0	49	60. 1/2			15 lbs.	Caustic		8:00	10.0	49	PL-9		25#	CAUSTIC	
	5:00	10.0	48	FC	4 1/2				3:00	10.0	50				50 lbs.	TANNER		10:30	10.0	49	FC				
									4:00	10.0	50			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'	207	217	17		60	2 1/2 cc		7	207	217	17		60	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	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 = 1400 = DRILLING								800 - 815 = SERVICE RIG								1400 - 1415 = SERVICE RIG								
	400 = 415 = SERVICE RIG								815 - 1030 = DRILLING								415 - 1115 = DRILLING								
	415 = 530 = DRILLING								1030 - 1045 = CIRC - WORK JUNK SUB								1115 - 1200 = CIRC								
	530 = 715 = TRIP FOR JUNK SUB								1045 - 1130 = PULLING OUT - JUNK SUB HUNG UP ON CASING																
	715 = 730 = CIRC																								
	Operator 730 = 800 = DRILLING								Operator								Operator								
	Electrolog: from WDRK SUB to								Microlog: from								Radioactivity Log: from								

COMPANY D. TODD BRIGGS
CONTRACTOR HUSKY OILS

DAILY REPORT

Name of Well TATIANA LAKE

DATE MARCH 18, 1958

BOARD COPY

No. 8 (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													
	2177		30		2207		2207		28		2235		2235		38		2273													
TIME	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	54473	OSC		4-5	60	77	17 1/2	6 1/4	51491	OWS	NEW	5-6	70	28	6 1/2	6 1/4	51491	OWS	NEW	6	75	66	13 1/4						
DRILL PIPE	Size	Stands	Singles	4 Drill Collar	Kelly	Core Bit	Size	Stands	Singles	4 Drill Collar	Kelly	Core Bit	Size	Stands	Singles	4 Drill Collar	Kelly	Core Bit												
	3 1/2	34		115.85	370	2.97	3 1/2	34		115.85	34	2.97	3 1/2	35	1	115.85	110	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	10.1	53	W.L.	5.2			11:00	10.2	53	W.L.	4.0	9.0	2 bags GEL	5:00	10.1	47	W.L.	5.0											
				pH	9.5			11:00		53	W.L.	3.2		50 lbs TARNER	7:00	10.1	48	W.L.	9											
	5:30	10.1	50	FC	2.92			3:00	10.2	47				50 lbs DRISCO	9:30	10.1	48	W.L.	2.5											
								4:00	10.2	47		9.0		WATER	11:00		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	207	217	17		60	2% CC	7	207	217	17		60	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	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.	min. @	Gas to Surface	min. @	Mcf/d Max.	min. @	Gas to Surface	min. @	Mcf/d Max.	min. @																		
	Oil to Surface	min. @	Bbl/d Max.	min. @	Oil to Surface	min. @	Bbl/d Max.	min. @	Oil to Surface	min. @	Bbl/d Max.	min. @																		
	Recovery:	ft.		Recovery:	ft.		Recovery:	ft.	Recovery:	ft.		Recovery:	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						
REMARKS	12:00 = 12:15 = SERVICE RIG										8:00-8:15 - SERVICE RIG										SERVICE RIG									
	12:15 = 7:00 = DRILLING										8:15-9:15 - RUN IN										400 - 1200 DRILLING									
	7:00 = 8:00 = HOIST FOR BIT										9:15-9:30 - BEARING																			
											9:30 - 400 - DRILLING																			
	Operator <u>W. Williamson</u>										Operator <u>J. O. H. H. H.</u>										Operator <u>J. O. H. H. H.</u>									
	Electrolog: from _____ to _____										Microlog: from _____ to _____										Radioactivity Log: from _____ to _____									

(TO BE SENT TO BOARD
FIELD OFFICE)

7

CONTRACTOR Husky Oil & Ref

DAILY REPORT

Name of Well _____ ZATOLANA

No. 8

(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							
1517	256	1770		1770	210	1980		1980	80	2060																		
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	52427	OSC3	Good	4	95	317	8 3/4	6 1/4	52427	OSC3		4	80	527	15	6 1/4	52398	OSC3	NEW	40	80	80	2 1/2					
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.	Size	Stands	Singles	4 Drill Collar	Kelly	Core Bbl.				
5 1/2	27			11585	130	292	3 1/2	30			11585	D 40	540	2.97	3 1/2	21			11585	400			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	Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind
2:00	10	65	W.L. 5			25# CAUSTIC		8:30	10.0	44	W.L. 5.8		5# SAG GEL		9:00	10.1	54	W.L. 5.6	9.0									
3:15	10	60	PL-10			13# GEL		11:50		44	PH	16.1	25# CAUSTIC		11:00	16.1	52	W.L. 1/2			50lbs	TANNEX						
4:30	10	53	FC-732			25# DRISCOSE		1:00	10.0	49	FC	7/32	50# DRISCOSE		12:00	10.1	49		9.0									
6:15	10	53				WATER		2:45	10.0	55																		
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
								7	207	217	17		70	2% CC	7	207	217	17		60	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
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	min.	Shut in	mins.	Valve Open	No.	Interval Tested	to	min.	Shut in	mins.	Valve Open	No.	Interval Tested	to	min.	Shut in	mins.	Valve Open	No.	Interval Tested	to	min.	Shut in	mins.	
ABANDONMENT PLUGS	No.	From	To</																									

COMPANY Todd & B. M. G. S.
CONTRACTOR Husky Drill & Ref.

DAILY REPORT

Name of Well TATIANA LAKE

DATE Mar. 14/58
No. 8

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					
TIME	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	4 Drill Collar	Kelly	Core Bbl.	Size	Stands	Singles	4 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	1200-1245 DRILLING OUT CEMENT								800-815 SERVICE RIG								400-415 SERVICE RIG													
	1245-100 SERVICE RIG																415-630 DRILLING													
																630-645 CIRC														
																645-700 SURVEY														
																700-800 PULL OUT FOR BIT-TIGHT HOLE														
Operator								Operator								Operator														
Electrolog: from								Microlog: from								Radioactivity Log: from														

COMPANY TODD & BRIGGS
CONTRACTOR Husky Oil & Ref

DAILY REPORT

Name of Well TALINA LAKE

DATE Nov. 13 1952
No. 8

BOARD COPY
(TO BE SENT TO BOARD
FIELD OFFICE) 4

	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					792								792								792			
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	22463	OSC ³					1
DRILL PIPE	Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.			Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.			Size	Stands	Singles	4 Drill Collar	Kelly	Core Bbl.		
																				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	
																						9 bags	Bicarb. WATER	
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	207	217	17		60	2% cc.		7	207	217	17		60	2% cc.		7	207	217	17		60	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 - 200 WAITING ON CEMENT								800 - 400 - W.O.C. (Henderson) PRESSURE UP BLIND RAMS TO 500 P.S.I. FOR 5 MIN. HELD O.K.								400 - 1100 - W.O.C. PRESSURE PIPE RAMS 200" - 5 min 1100 - 1200 - DRILLING OUT CEMENT							
	Operator _____ Driller <u>[Signature]</u>								Operator _____ Driller <u>Williamson</u>								Operator _____ Driller <u>[Signature]</u>							
	Electrolog: from _____ to _____								Microlog: from _____ to _____								Radioactivity Log: from _____ to _____							

CONTRACTOR Musky Dilt + Ref.

DAILY REPORT

Name of Well TRINIDAD LAKE

DATE Nov. 12/58

No. 8

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															
783	72	555		555	137	692		692	100	792																										
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	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	52473	OSC3	FAIA		70	314	18 3/4		6 1/4	52473	OSC3			70	335	19 1/2	6 1/4	52400	OSC3				232	10 1/4												
6 1/4	52400	OSC3	NEW		5	70	132	6 1/2																												
DRILL PIPE	Size	Stands	Singles	Drill Collar	Kelly	500 Bbl.	Size	Stands	Singles	4 Drill Collar	Kelly	500 Bbl.	Size	Stands	Singles	4 Drill Collar	Kelly	500 Bbl.	Size	Stands	Singles	4 Drill Collar	Kelly	500 Bbl.												
3 1/2	6	1	115 85	26	297	3 1/2	9	115.85	D.30	2.97	3 1/2	11	115.85	100	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	Time	Weight	Vis.	Gel Str.	pH	Am't Added	Kind								
300	9.1	55			WL-7.8			11:00		45					4:00	9.6	53	WL-6.0	8.0	25 lbs	CAUSTIC															
500	9.1	56			EC-2.52			3:30		60			3 SAX	GEL	6:00	9.6	53	EC-3.0		50 lbs	TANNEX															
300	9.1	58			25# CAUSTIC										8:00	9.6	50		6.0																	
					50# TANNEX																															
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				
7	207.58	217.12	17	60	207.58	217.12	17	60	207.58	217.12	17	60	207.58	217.12	17	60	207.58	217.12	17	60	207.58	217.12	17	60	207.58	217.12	17	60	207.58	217.12	17	60				
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	207.58	217.12	17	60	207.58	217.12	17	60	207.58	217.12	17	60	207.58	217.12	17	60	207.58	217.12	17	60	207.58	217.12	17	60	207.58	217.12	17	60	207.58	217.12	17	60	207.58	217.12	17	60
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.																								

COMPANY TOOT & BIGGS
CONTRACTOR Husky Oil & Ref.

DAILY REPORT

Name of Well TATIANA LAKE

DATE Nov. 11/56
No. 8

BOARD COPY (2)
(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			
	55		105		160				160		181		341				341		142		483			
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.
	4	90236	OSC	NEW		25	171	9 1/2	9	90236	OSC				225	13	6 1/4	52473	OSC	FAIR		80	259	11 3/4
									6 1/4	52473	OSC	NEW		80	117	4								
DRILL PIPE	Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.			Size	Stands	Singles	4 Drill Collar	Kelly	Core Bbl.			Size	Stands	Singles	4 Drill Collar	Kelly	Core Bbl.		
				11585	700	500	397		3 1/2	3	0	115.85	400	397			3 1/2	5	1	115.85	310	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	
																	6:00	9.5	65					
																	8:00	9.5	63			20 lbs	SAP	
											63						10:00	9.5	63					WATER
																	12:00	9.5	60					
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				
									Totco	225	1 1/4													
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					
		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 800 1215 SERVICE RIG 1215 800 DRILLING								800 = 8'15" SERVICE RIG 8'15" = 11'15" DRILL 9" HOLE 11'15" = 1200 = SURVEY + TRIP TO CHANGE BITS 1200 = 400 = DRILLING 6 1/2" HOLE								400-415 - SERVICE RIG 415-1200 - DRILLING							
	Operator _____ Driller <u>J. Smith</u>								Operator _____ Driller <u>W. Williamson</u>								Operator _____ Driller <u>J. O'Connell</u>							
	Electrolog: from _____ to _____								Microlog: from _____ to _____								Radioactivity Log: from _____ to _____							

COMPANY Teop & Angles
CONTRACTOR Husky Oil & Ref

DAILY REPORT

Name of Well TADLINE #8

DATE March 10 1951
No. 8

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																										
	0		44		44												44		11		33																										
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.																							
	9	AR	OSC				44	3 1/2									9	90236	OSC	New				11	2 1/4																						
DRILL PIPE	Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.			Size	Stands	Singles	Drill Collar	Kelly	Core Bbl.			Size	Stands	Singles	1 Drill Collar	Kelly	Core Bbl.																									
																				29-25	21 D			3.95																							
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 Bags GEL Spinning 9" L.H. @ 3.5 RPM Lined up before lunch																																														
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																							
	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	1200 - 300 Bond Mud + RIGGING UP								800 = 1130 = SET AND CEMENT CONDUCTOR								400 - 645 - PUT IN RAT HOLE CASING RIG UP TO DALL																														
	300 - 630 DRILLING 9 HOLE TO 44 FT.								PIPE RIG TO DIG RAT HOLE								645 - 945 - REAMING																														
630 - 730 REAMING WITH 12 3/4								1130 = 400 = DIG RAT HOLE								945 - 1200 - DRILLING 9" HOLE																															
730 - 800 SETTING CONDUCTOR PIPE.																																															
Operator								Driller <u>Butt</u>								Operator								Driller <u>WILLIAMSON</u>								Operator								Driller <u>G. Overmeyer</u>							
Electrolog: from								to								Microlog: from								to								Radioactivity Log: from								to							