

BRIGGS TETCHO LAKE

NO. 1

Drilling Authority No.

Date Issued

WELL NAME Briggs Tatcho Lake No. 1

FIELD #11800

Area: Trout Lake

LOCATION: Unit

Section 20

Grid

Latitude 60°35'40" N.

Longitude 120°35'15" W.

From Established Reference Marker

Rig Release Date: 11-2-58

Status D & A

Information Release Date 11-3-60

CHANGE OF NAME:

DATE RECEIVED	INDEX
	Application for a Drilling Authority. Well Completion Data. Well History Report. Application to Amend a Drilling Authority. Application to change a Well Name. Application to Abandon a Well or Suspend Drilling. Application to Alter Condition of a Well. Well History Supplement. Well Completion Data. Work-over Report No. Application to Commingle Production before Measurement. Approval to Commingle Production before Measurement. Application to Amend Approval No. to Commingle Production before Measurement. Application for M.P.R.—Oil. New Oil Well Report. New Gas Well Report. Well Inspection Report. Rig Inspection Report. Battery Inspection Report. Field Abandonment Programme and Approval. Well Card. Well Visit. Daily Drilling Reports.

#46

CANADA
DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES
NORTHERN ADMINISTRATION AND LANDS BRANCH

(APPROPRIATE)
(DATE)
(SIGNED)
(SIGNED)

REPORT

(Strike out operations which do not apply)

To be submitted in triplicate in accordance with section 70 of
the Territorial Oil and Gas Regulations to the Conservation
Engineer at Edmonton, Alberta.

Name of well Briggs Tatcho Lake No. 1 Permit No. 927
Lease No.
Registered owner J. Todd Briggs Drilling Company . Husky
Location: (Survey description) 60° 35' 42" N. Lat.; 120° 35' 15" W. Long. . . .
Elevation: Ground 1955' Kelly bushing 1967' Depth 5,960' . .
Spudded Feb. 2, 1958 Finished drilling Mar. 11/58 Rig released Mar. 11/58
Deviations from vertical 1/2° to 1 1/2° from 1,500' to 5,800'

CASING

Date	Size O.D.	Weight lbs/foot	Grade	Set at feet	Sacks cement
1. Feb. 5	10 3/4"	32.75	J55	587.83	280
2.					
3.					

TUBING

Nil
Status of well on completion of drilling Abandoned
Producing zone Nil
Cored intervals Nil
Interval logged: E-log 588' - 5,962' Nil 5,200' - 5,961'
R-log 0' - 5,962' 1,900' - 3,300'
Other

DRILLSTEM TESTS

Test No.	Date	Interval tested	Duration	Results
		Nil		

(Over)

C A N A D A

DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES

NORTHERN ADMINISTRATION AND LANDS BRANCH

NOTICE OF INTENTION TO ABANDON A WELL

(Stroke out operations which do not apply).

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

In accordance with Sections 60, 61, 8r 62 of the Territorial Oil and Gas Regulations, notice is hereby given of our intention to

Abandon the well named Briggs Tetehe Lake No. 1 on Oil and Gas (Permit No. 927....) registered in the name of D. Todd Briggs (Lease No.)

Depth . . 5,963 . feet. Elevation above sea level: Ground surface . 1,955 . ft. Kelly bushing . 1,967 . ft.

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

Given in Notice of Intention Form
-26,000 feet (S of N boundary) of (Permit No. 927....) at approx 60° 35' 42" N Lat.
-16,000 feet (W of E boundary) of (Permit No. 927....) at approx 120° 35' 15" Long.

Survey description 60° 35' 42" North Lat., 120° 35' 15"

CASING RECORD

Size O.D. inches	Weight lbs/ft.	Amount feet	Set at feet	Sacks cement	Method	To be Withdrawn
1-10-3/4	32.75	575.71	587.36	280	Cement Truck	
2.						
3.						

OIL, GAS and WATER

Encountered	Cement plugs to be set
Oil fromfeet to.....feet.	Fromfeet tofeet with.....sacks
..... Nil	
.....	
Gas from feet to.....feet.	Fromfeet to.....feet with.....sacks.
..... Nil	
.....	

(Over)

*noted
JLW*

Water from 2,501 feet to 2,518 feet. From.....feet to.....feet with.....sacks.

Nil.....

.....

Bottom plug from 5,960 feet to 5,760 feet with 40 sacks
5,330 5,320 50

Surface plug from 640 feet to 540 feet with 70 sacks.

Date of last operations March 11, 1958 Total depth. . . . 5,963

Nature of liquid in well Level from surface

Present condition of well in addition to above:

.....

.....

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

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

Program of operation not included above

.....

.....

.....

Responsible agents of permittee or lessee in charge of operation:

K. Soul
At well c/o G. K. Williams At registered office: J. C. Sproule
Box 98, Hay River,
Postal Address N.W.T. Postal Address 901 - 8th Avenue S. W.; Calgary, Alberta.

.....

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

Dated at Calgary, Alta. this 11th day of March 1958

Signed by J. P. L. Hardy

This program is approved subject to the following provisions:

..... oral approval given
10th March 1958

.....

21st March 1958

Date

B. J. Shoms
Conservation Engineer

C A N A D A
DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES
NORTHERN ADMINISTRATION AND LANDS BRANCH

Mr. Leclerc
Mr. G. H. H. H.
Mr. W. J. J. J.
18/12/57
JOP

NOTICE OF INTENTION TO BEGIN DRILLING OPERATIONS

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

In accordance with Section 59 of the Territorial Oil and Gas Regulations, notice is hereby given of our intention to begin drilling a well on Oil and Gas Permit No. 927...registered in the name of

Lease No.

D. Todd Briggs Account

TYPE OF WELL:

Stratigraphic test: Wildcat:
Structure Test: Development:
Anticipated number of holes (Required for Structure Test Only)
Expected total depth: . . 5825 feet.

The well will be located:

..26,000'.....(W of S boundary) of (Permit No.927..) at approx 60° 35' 42" N Lat.
.....(~~S of W~~ boundary) (Lease No.)
..16,000'.....(W of E boundary) of (Permit No.927..) at approx 120° 35' 15" W Long.
.....(~~E of W~~ boundary) (Lease No.)

Survey description of location . . 60° 35' 42" North Latitude
..... 120° 35' 15" West Longitude } approximate

Approximate surface elevation of .1950 . . .feet above sea level.

Name of well: , Briggs Tetehe Lake No. 1

Type of drilling rig: . . Rotary

Expected date of commencement: . January 2, 1958

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

Size O.D. inches	Weight lbs/feet	Grade	Brand	New or used	Estimated depth	Sacks of cement
1. 10 3/4"	32.5	H-40		New	600	250
2.						
3.						

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

... Possible porous zones in Devonian to be controlled by drilling fluid . . .
... and 7 inch production casing, if warranted.
...
...
...

(Over)

An electric log (will ~~be run~~) be run.

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

CONTRACTOR: Husky Oil and Refining Ltd.

Responsible agents of permittee or lessee in charge of operation:

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

Postal address: May River, N.W.T. Postal address: 901 - 8th Ave. West, Calgary, Alberta

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

Dated at . Calgary, Alberta . this . . 9th . . . day of . December 1957.

J. C. SPROULE & ASSOCIATES

Signed by . *J. C. Sproule*

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

.....
.....
.....
.....

16th Dec. 1957
Date

B. J. Jones
Conservation Engineer

GEOLOGICAL REPORT
BRIDGE DITCH NO. 1
NORTHWEST TERRITORIES

J. C. SPROULE & ASSOCIATES
GEOLOGICAL & EXPLORATION CONSULTANTS

901 EIGHTH AVENUE WEST
CALGARY — ALBERTA

TELEPHONES
AMHERST 2-4128
AMHERST 2-4374

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LOGS - Electrical Log Microlaterologs Gamma Ray-Neutron Log Graphic Well Log	In Pocket

SUMMARY OF PERTINENT WELL DATA

Well Name: Briggs Tatcho Lake No. 1

Location: 60° 35' 42" N. Latitude
120° 35' 15" W. Longitude

Elevation: Ground 1955'
K. B. 1968.2' (Surveyed February 27, 1958)

Total Depth: Driller 5960'
Schlumberger 5963'

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

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

Drilling Contractor: Husky Oil & Refining Ltd. Rig No. 14

Spudded: February 2, 1958.

Completed: March 11, 1958.

Status: Dry and abandoned

Drilling Data: Hole Size - 13 3/4" to 615'
9" from 615' to 5960'

Deviation Surveys

200'	1/2°	1500'	0°	4760'	2°
400'	1/2°	2040'	0°	5370'	1 3/4°
600'	3/4°	2800'	1/2°	5800'	1 1/2°
950'	1°	3705'	1/4°		

Casing: Surface Casing - 14 joints of 10 3/4" x 32.75# J55
New Youngstown Casing. Total length
575.71' including Baker Guide Shoe
and Baker Float Collar. Shoe at
567.86'. Collar at 542.29'.
Cemented with 280 sz. Inland
cement. Plug displaced to collar
at 4:53 p.m., February 5, 1958.

<u>Geological Markers:</u>	<u>Formation or Marker</u>	<u>Depth Feet</u>	<u>Elevation Feet</u>
	Pleistocene and Recent	Surface	+1956
	Cretaceous	25	+1943
	Mississippian		
	Bariff	1444	+ 522
	Upper Devonian		
	Eschsch	1953	+ 15
	Wabazum	1962	+ 6
	Trout River	2990	-1022
	Crumbler	3126	-1132
	Shale Unit	3305	-1337
	Limestone	3560	-1592
	Middle Devonian		
	Slave Point	5252	-3224
	Witt Mountain	5485	-3517
	Wuskeg-Weg River	5490	-3522
	Total Depth	5960	-3972

Logs:

Electrical Log 538' - 5962'
 Microinterlogs 1900' - 3300', 5250' - 5961'
 Gamma Ray-Neutron Log Surface - 5962'
 Graphic Well Log Surface - 5962'

Abandonment Plugs:

Plug No. 1 5960' - 5760' 80 sacks
 Plug No. 2 5330' - 5230' 40 sacks
 Plug No. 3 640' - 540' 60 sacks

CORES: NINE TAKEN - ATCC

DAILY CHRONOLOGICAL WELL REPORT

Well Name: Briggs Tatcho Lake No. 1

Location: 60° 35' 42" N. Latitude
120° 35' 15" W. Longitude

(Operation ending 12 midnight)

<u>Date</u>	<u>Total Depth Feet</u>	<u>Progress Feet</u>	<u>Days</u>	<u>Remarks</u>
Feb. 2	125	113	1	Mixing up, mixing mud, drilling rat hole 16 hours. Spudded in 4 p.m. Drilling 4 hours. Mixing mud 3 hours. Working on pump 1 hour.
Feb. 3	615	490	2	Drilling 15 3/4 hours. Conditioning mud 6 hours. Running deviation surveys 3/4 hour. Trip time 1 hour. Servicing 1/2 hour.
Feb. 4	615	0	3	Cleaning out hole to bottom to run surface casing. Casing hung up twice at 320' and had to be pulled out 24 hours.
Feb. 5	615	0	4	Cleaned out hole, ran and cemented 14 joints of 10 3/4" casing 17 hours. Standing cemented 7 hours.
Feb. 6	615	0	5	Standing cemented 24 hours. Slacked off casing and headed up.
Feb. 7	650	35	6	Dug mouse hole 2 hours. Drilled plug, cement and shoe 2 hours. Conditioning mud 15 1/2 hours. Drilling 1 1/4 hours. Repairs 3 hours. Servicing 1/4 hour.
Feb. 8	650	0	7	Conditioning mud 19 1/2 hours. Circulating 4 hours. Trip time 1/2 hour.
Feb. 9	992	342	8	Circulating, reaming and mixing mud to clean gravel from bottom 8 hours. Drilling 12 1/4 hours. Trip time 3 hours. Repairs 1/2 hour. Servicing 1/4 hour.
Feb. 10	1724	732	9	Drilling 13 3/4 hours. Conditioning mud 4 1/4 hours. Trip time 4 hours. Deviation surveys 1 hour. Servicing 1 hour.

<u>Date</u>	<u>Total Depth Feet</u>	<u>Progress Feet</u>	<u>Days</u>	<u>Remarks</u>
Feb. 11	2200	476	10	Drilling 16 1/4 hours. Trip time 5 1/4 hours. Repairs 1 3/4 hours. Servicing 1/2 hour. Deviation survey 1/4 hour.
Feb. 12	2453	253	11	Drilling 10 1/2 hours. Trip time 5 1/2 hours. Servicing 1/4 hour. Shut down for repairs 7 3/4 hours.
Feb. 13	2453	0	12	Shut down. Bearing out of pinion shaft of rotary table. Waiting on repairs 24 hours.
Feb. 14	2453	0	13	Waiting on repairs 24 hours.
Feb. 15	2453	0	14	Waiting on repairs 24 hours.
Feb. 16	2544	91	15	Waiting on repairs 8 hours. Repairing rotary table 10 hours. Trip time and cleaning out 3 hours. Drilling 3 hours.
Feb. 17	2611	267	16	Drilling 16 hours. Repairs 4 hours. Trip time 3 1/4 hours. Servicing 3/4 hour.
Feb. 18	2992	181	17	Drilling 14 hours. Trip time 5 3/4 hours. Conditioning mud 2 3/4 hours. Jetting mud pits 1/2 hour. Repairs 1/2 hour. Running deviation survey 1/4 hour. Servicing 1/4 hour.
Feb. 19	3150	158	18	Drilling 16 hours. Trip time 7 1/4 hours. Circulating 1/4 hour. Servicing 1/2 hour.
Feb. 20	3290	100	19	Drilling 10 1/4 hours. Trip time 1 1/4 hours. Changing pump heads and liners 4 hours. Servicing 1/2 hour. Waiting on fuel 8 hours.
Feb. 21	3415	165	20	Waiting on fuel 3 hours. Drilling 15 1/2 hours. Trip time 4 3/4 hours. Repairs 1/2 hour. Servicing 1/4 hour.
Feb. 22	3576	161	21	Drilling 15 3/4 hours. Trip time 3 hours. Conditioning mud 3 hours. Repairs 1 3/4 hours. Servicing 1/2 hour.
Feb. 23	3770	194	22	Drilling 13 3/4 hours. Trip time 7 1/4 hours. Repairs 1 hour. Conditioning mud 1 hour. Circulating 3/4 hour. Running deviation 1/4 hour.

<u>Date</u>	<u>Total Depth Feet</u>	<u>Progress Feet</u>	<u>DATE</u>	<u>Remarks</u>
Feb. 24	3960	190	23	Drilling 13 1/4 hours. Repairs 7 hours. Trip time 3 1/2 hours. Servicing 1/4 hour.
Feb. 25	4190	230	24	Drilling 18 hours. Trip time 3 3/4 hours. Repairs 1 1/2 hours. Servicing 1/2 hour. Testing D.C.P. 1/4 hour.
Feb. 26	4295	105	25	Drilling 7 1/2 hours. Conditioning mud 6 hours. Repairs 10 1/4 hours. Servicing 1/4 hour.
Feb. 27	4459	164	26	Drilling 11 1/2 hours. Repairs 6 3/4 hours. Trip time 5 1/2 hours. Servicing 1/4 hours.
Feb. 28	4715	256	27	Drilling 16 3/4 hours. Trip time 4 1/4 hours. Repairs 2 1/4 hours. Servicing 3/4 hour.
Mar. 1	4975	260	28	Drilling 15 1/4 hours. Trip time 5 hours. Repairs 2 1/2 hours. Circulating 1/2 hour. Servicing 1/2 hour. Running deviation 1/4 hour.
Mar. 2	5117	142	29	Drilling 12 hours. Trip time 6 1/4 hours. Repairs 4 1/2 hours. Clipping drilling line 1 3/4 hours. Servicing 1/2 hour.
Mar. 3	5289	172	30	Drilling 12 1/2 hours. Trip time 7 hours. Repairs 3 hours. Servicing 1/2 hour. Circulating 1 hour.
Mar. 4	5420	131	31	Drilling 16 1/4 hours. Trip time 6 1/2 hours. Circulating 1/2 hour. Servicing 1/2 hour. Running deviation 1/4 hour.
Mar. 5	5585	165	32	Drilling 17 1/2 hours. Trip time 5 1/4 hours. Circulating 3/4 hour. Servicing 1/2 hour.
Mar. 6	5735	150	33	Drilling 16 1/2 hours. Trip time 5 1/2 hours. Circulating 1 3/4 hours. Servicing 1/4 hour.
Mar. 7	5855	120	34	Drilling 14 3/4 hours. Trip time 7 3/4 hours. Repairs 1/4 hour. Circulating 1/2 hour. Servicing 1/2 hour. Running deviation 1/4 hour.

<u>Date</u>	<u>Total Depth Feet</u>	<u>Progress</u>	<u>Days</u>	<u>Remarks</u>
Mar. 8	5950	95	35	Drilling 16 hours. Trip time 4 1/2 hours. Circulating 1 hour. Repairs 2 1/4 hours. Servicing 1/4 hour.
Mar. 9	5960	10	36	Drilling 3 1/2 hours. Circulating 2 1/2 hours. Trip time 3 1/2 hours. Repairs 1/2 hour. Servicing 1/2 hour. Running Schlumberger, S-log, Microlaterolog and Gamma Ray-Neutron log 13 1/2 hours.
Mar. 10	5960	0	37	Running Gamma Ray-Neutron log 2 hours. Waiting on cementing truck 17 hours. Trip time 2 hours. Circulating 3 hours.
Mar. 11	5960	0	38	Waiting on cementing truck 16 hours. Ran cement plugs nos. 1, 2 and 3. Rig released at 12:00 p.m. midnight.

BIT RECORDWell Name: Briggs Toteho Lake No. 1Location: 60° 35' 42" N. Latitude
120° 35' 15" W. Longitude

<u>Bit No.</u>	<u>Size</u>	<u>Type</u>	<u>Make</u>	<u>Serial No.</u>	<u>Depth</u>		<u>Footage</u>	<u>Hours</u>
					<u>From</u>	<u>To</u>		
					<u>Feet</u>	<u>Feet</u>		
1	13 3/4"	OSC3	Hughes	20564	Surface	494	482	15 1/4
2	13 3/4"	OSC3	Hughes	20332	494	615	121	4 1/2
3	9"	S3P	Security	279357	615	720	105	6 1/4
4	9"	OSC	Hughes	1007	720	992	272	7 1/4
5	9"	OSC10	Hughes	48615	992	1343	351	7
6	9"	T3P	Security	279240	1343	1960	617	11 1/2
7	9"	OSC10	Hughes	48792	1960	2042	122	5 3/4
8	9"	OSC	Hughes	90453	2042	2453	371	16 1/4
9	9"	S6	Security	175570	2453	2658	205	10
10	9"	OSC	Hughes	1003	2658	2840	182	11 1/2
11	9"	S6	Security	112687	2840	2992	152	11 1/2
12	9"	OSC	Hughes	1257	2992	3133	141	14
13	9"	S6	Security	154836	3133	3250	117	12 1/4
14	9"	S6	Security	175358	3250	3368	118	10 3/4
15	9"	OMV	Hughes	46867	3368	3463	95	10 1/4
16	9"	OMV	Hughes	46868	3463	3576	113	10 1/4
17	9"	OSC10	Hughes	48328	3576	3725	149	9 1/2
18	9"	YTL	Reed	186840	3725	3924	199	15 3/4
19	9"	SL	Security	280422	3924	4127	203	16
20	9"	SL	Security	282290	4127	4334	207	14 1/4
21	9"	SL	Security	282265	4334	4582	248	17
22	9"	YTL	Reed	187367	4582	4710	208	13 3/4
23	9"	YTL	Reed	187319	4710	4975	185	9 3/4
24	9"	SLN	Security	272023	4975	5117	142	12
25	9"	YTL	Reed	187312	5117	5289	172	12 1/2
26	9"	OSC	Hughes	967	5289	5382	93	12 1/4
27	9"	OSC	Hughes	960	5382	5496	114	13
28	9"	OSC	Hughes	979	5496	5642	146	14 3/4
29	9"	OSC	Hughes	948	5642	5735	93	10 1/4
30	9"	OSC	Hughes	1098	5735	5827	92	11 1/2
31	9"	OSC	Hughes	1097	5827	5904	77	10
32	9"	YSL	Reed	180521	5904	5960	56	12 3/4

WIND RECORD

Well Name: Briggs Tetchin Lake No. 1

Location: 60° 35' 42" N. Latitude
120° 35' 15" W. Longitude

<u>Date</u>	<u>Average Weight lbs./U.S. Gal.</u>	<u>Average Viscosity Seconds</u>	<u>Average Water Loss c.c.</u>	<u>Additives</u>
Feb. 2	-	-	-	Gel - 9200 lbs. Caustic Soda - 50 lbs. Lime - 25 lbs.
Feb. 3	-	70	-	Gel - 3000 lbs.
Feb. 4	-	-	-	-
Feb. 5	-	-	-	-
Feb. 6	-	-	-	-
Feb. 7	-	105	-	Sodium Bicarbonate - 500 lbs. Gel - 7100 lbs. Driacose - 100 lbs.
Feb. 8	-	109	-	Gel - 5000 lbs. Gel Flake - 22 ex. Sawdust - 12 ex.
Feb. 9	-	-	-	Gel - 1500 lbs. Tanner - 100 lbs. Caustic Soda - 50 lbs.
Feb. 10	-	74	-	Driacose - 50 lbs.
Feb. 11	10.3	43	9.6	Driacose - 50 lbs. Tanner - 100 lbs. Caustic Soda - 50 lbs.
Feb. 12	10.4	51	5.4	Tanner - 50 lbs. Caustic Soda - 25 lbs. Driacose - 50 lbs.
Feb. 13	-	-	-	-
Feb. 14	-	-	-	-
Feb. 15	-	-	-	-
Feb. 16	10.6	49	4.6	-

<u>Date</u>	<u>Average</u> <u>Moisture</u> <u>Lbs./U.S. Gal.</u>	<u>Average</u> <u>Viscosity</u> <u>Seconds</u>	<u>Average</u> <u>Water Loss</u> <u>c.c.</u>	<u>Additives</u>
Feb. 17	10.8	46	6.8	Driscoose - 100 lbs. Tanner - 300 lbs. Caustic Soda - 100 lbs.
Feb. 18	11.0	49	6.0	Tanner - 300 lbs. Caustic Soda - 100 lbs. Gel - 1000 lbs. Driscoose - 50 lbs.
Feb. 19	11.4	62	5.7	Tanner - 300 lbs. Caustic Soda - 100 lbs.
Feb. 20	11.6	73	5.1	-
Feb. 21	11.5	70	5.9	Driscoose - 100 lbs. Caustic Soda - 25 lbs. Tanner - 50 lbs.
Feb. 22	11.7	76	5.2	Driscoose - 50 lbs. Tanner - 50 lbs. Caustic Soda - 25 lbs.
Feb. 23	11.5	60	5.1	Tanner - 250 lbs. Caustic Soda - 50 lbs. Gel - 1000 lbs.
Feb. 24	11.3	63	5.1	Tanner - 50 lbs.
Feb. 25	11.7	74	5.1	Gel - 500 lbs. Tanner - 200 lbs. Caustic Soda - 75 lbs.
Feb. 26	11.5	102	5.4	Tanner - 100 lbs. Caustic Soda - 50 lbs. Driscoose - 50 lbs. Jel Flake - 250 lbs. Sawdust - 10 ac.
Feb. 27	11.5	51	6.3	Driscoose - 75 lbs. Tanner - 100 lbs.
Feb. 28	11.5	62	5.5	Tanner - 200 lbs. Caustic Soda - 100 lbs. Driscoose - 50 lbs. Gel - 1000 lbs.
Mar. 1	11.6	84	5.2	Tanner - 50 lbs. Caustic Soda - 25 lbs.
Mar. 2	11.8	74	5.6	-

<u>Date</u>	<u>Average Height lbs./U.S. Gal.</u>	<u>Average Viscosity Seconds</u>	<u>Average Water Loss c.c.</u>	<u>Additives</u>
Mar. 3	11.8	96	6.8	Briscose - 75 lbs. Tanner - 100 lbs. Caustic Soda - 50 lbs.
Mar. 4	11.7	88	5.6	Tanner - 350 lbs. Caustic Soda - 125 lbs. Diesel Fuel - 1500 gals. Gel - 1200 lbs.
Mar. 5	11.5	57	5.9	Tanner - 150 lbs. Caustic Soda - 75 lbs. Antigyp - 600 lbs. Gel - 600 lbs.
Mar. 6	12.7	70	5.9	Caustic Soda - 125 lbs. Tanner - 200 lbs. Antigyp - 300 lbs. Diesel Fuel - 250 gals. Briscose - 50 lbs.
Mar. 7	11.7	85	5.3	Tanner - 200 lbs. Caustic Soda - 100 lbs. Antigyp - 200 lbs. Gel - 400 lbs. Briscose - 50 lbs.
Mar. 8	11.6	104	5.0	Antigyp - 400 lbs. Briscose - 100 lbs. Tanner - 250 lbs. Caustic Soda - 100 lbs. Gel - 600 lbs.
Mar. 9	11.9	210	4.4	Antigyp - 400 lbs. Briscose - 100 lbs.
Mar. 10	11.9	210	4.4	-

Totals

Gel
 Caustic Soda
 Tanner
 Briscose
 Bicarbonate
 of Soda

321 ex.
 13 drums
 63 ex.
 21 1/2 ex.
 10 ex.

Gel Flake
 Lime
 Sarsaparilla
 Antigyp
 Diesel Fuel

24 ex. (25)
 1/2 ex.
 22 ex.
 15 ex.
 1750 gal.

SURFACE CASING TALLYWell Name: Briggs Tetcha Lake No. 1Location: 60° 35' 42" N. Latitude
120° 35' 15" W. Longitude

14 Joints. 10 3/4" x 32.75 lb. J55 Youngstown 8 thread new casing.

<u>No.</u>	<u>Feet</u>	
1	42.52	
2	39.15	
3	41.70	
4	42.12	
5	42.40	
6	43.40	Started mixing 3:26 p.m.
7	35.65	Finished mixing 3:44 p.m.
8	40.10	Bumping plug 4:10 - 4:53 p.m.
9	40.40	Bumped plug on float collar with
10	41.62	500 psi. Iled off and bumped again
11	42.13	with 500 psi.
12	41.52	
13	37.98	
14	41.97	
	17.95	Landing joint 5.8' up
	1.50	Baker Guide Shoe
	1.55	Baker Float Collar
Total	993.66'	
	5.80	
	587.86	Shoe

575.71' set at 587.86.

Cemented with 280 sacks Inland cement and 25 Casll₂.

Kelly bushing to casing bowl 11.5 feet.

Plug down 4:53 p.m., February 5, 1958.

TIME DRILLING RECORDWell Name: Briggs Tatcho Lake No. 1Location: 60° 35' 42" N. Latitude
120° 35' 15" W. Longitude

<u>Depth Feet</u>	<u>Time in Minutes (1-foot interval)</u>	<u>Depth Feet</u>	<u>Time in Minutes</u>
5200 - 5210	4, 3, 3, 3, 3, 3, 3, 4, 4, 4,	5330 - 5340	7, 6, 9, 7, 9, 9, 7, 7, 8, 8,
5210 - 5220	4, 4, 4, 4, 4, 4, 4, 4, 4, 4,	5340 - 5350	9, 7, 9, 6, 5, 8, 9, 6, 6, 8,
5220 - 5230	6, 5, 4, 4, 4, 3, 3, 3, 2, 2,	5350 - 5360	8, 7, 6, 7, 8, 9, 9, 5, 9, 11,
5230 - 5240	3, 3, 3, 3, 3, 3, 3, 3, 3, 3,	5360 - 5370	10, 10, 10, 10, 10, 10, 10, 9, 9, 10,
5240 - 5250	3, 3, 3, 3, 3, 3, 3, 3, 3, 3,	5370 - 5380	10, 12, 8, 10, 10, 15, 11, 8, 10, 10,
5250 - 5260	5, 5, 5, 4, 4, 3, 3, 3, 3, 4,	5380 - 5390	12, 10, 6, 6, 6, 6, 6, 6, 6, 5,
5260 - 5270	5, 5, 6, 6, 5, 6, 5, 5, 5, 8,	5390 - 5400	6, 6, 6, 7, 6, 7, 6, 7, 6, 6,
5270 - 5280	7, 6, 6, 5, 5, 6, 6, 8, 9, 9,	5400 - 5410	5, 6, 7, 6, 7, 6, 5, 5, 5, 6,
5280 - 5290	8, 9, 9, 6, 6, 6, 6, 9, 10, 7,	5410 - 5420	7, 7, 6, 7, 7, 9, 7, 7, 9, 9,
5290 - 5300	3, 3, 4, 3, 5, 6, 6, 6, 6, 6,	5420 - 5430	7, 7, 7, 6, 7, 7, 6, 7, 7, 7,
5300 - 5310	6, 6, 7, 6, 6, 6, 7, 7, 5, 7,	5430 - 5440	6, 8, 7, 8, 9, 7, 8, 7, 7, 6,
5310 - 5320	5, 7, 6, 7, 8, 8, 8, 8, 7, 6,	5440 - 5450	5, 5, 4, 6, 6, 7, 8, 8, 6, 7,
5320 - 5330	6, 5, 5, 7, 6, 6, 7, 8, 8, 8,	5450 - 5460	6, 8, 7, 6, 7, 7, 9, 5, 8, 7,

<u>Depth</u> <u>Feet</u>	<u>Time in Minutes</u>	<u>Depth</u> <u>Feet</u>	<u>Time in Minutes</u>
5460 - 5470	7, 7, 8, 8, 7, 7, 7, 6, 6, 6,	5630 - 5640	8, 8, 7, 7, 8, 8, 7, 4, 5, 6,
5470 - 5480	7, 9, 7, 7, 7, 7, 6, 8, 7, 8,	5640 - 5650	7, 7, 5, 4, 4, 3, 4, 4, 4, 6,
5480 - 5490	7, 6, 7, 9, 8, 5, 8, 8, 8, 8,	5650 - 5660	5, 6, 6, 5, 7, 5, 5, 4, 5, 5,
5490 - 5500	7, 7, 6, 5, 5, 5, 4, 4, 5, 5,	5660 - 5670	8, 5, 4, 4, 6, 6, 5, 6, 7, 4,
5500 - 5510	5, 4, 4, 6, 5, 5, 4, 5, 6, 5,	5670 - 5680	4, 5, 5, 5, 4, 4, 5, 5, 6, 6,
5510 - 5520	5, 6, 5, 4, 4, 6, 6, 5, 4, 5,	5680 - 5690	7, 7, 7, 6, 5, 6, 8, 7, 7, 6,
5520 - 5530	6, 5, 6, 6, 6, 6, 6, 4, 4, 4,	5690 - 5700	7, 7, 8, 9, 9, 7, 8, 7, 7, 6,
5530 - 5540	4, 4, 6, 8, 4, 5, 4, 5, 4, 5,	5700 - 5710	6, 7, 7, 7, 7, 8, 7, 10, 8, 6,
5550 - 5560	5, 5, 6, 6, 6, 5, 4, 4, 5, 4,	5710 - 5720	5, 5, 6, 5, 8, 7, 8, 10, 12, 9,
5560 - 5570	4, 4, 5, 5, 6, 5, 6, 5, 6, 5,	5720 - 5730	10, 9, 6, 5, 5, 6, 6, 6, 5, 6,
5570 - 5580	5, 5, 7, 7, 5, 5, 6, 6, 6, 6,	5730 - 5740	11, 11, 12, 9, 10, 4, 5, 5, 5, 4,
5580 - 5590	5, 6, 6, 7, 5, 5, 6, 6, 8, 6,	5740 - 5750	6, 6, 6, 6, 5, 8, 5, 6, 7, 5,
5590 - 5600	7, 6, 4, 7, 8, 6, 6, 6, 6, 6,	5750 - 5760	6, 6, 7, 7, 8, 7, 6, 6, 6, 6,
5600 - 5610	6, 6, 7, 8, 6, 7, 7, 7, 6, 7,	5760 - 5770	7, 6, 5, 7, 8, 7, 7, 8, 6, 8,
5610 - 5620	7, 7, 6, 5, 6, 6, 7, 8, 9, 8,	5770 - 5780	7, 8, 7, 8, 7, 8, 8, 9, 7, 8,
5620 - 5630	7, 7, 6, 8, 8, 7, 9, 7, 8, 7,	5780 - 5790	6, 8, 7, 7, 5, 5, 5, 6, 6, 9,

<u>Depth Feet</u>	<u>Time in Minutes</u>	<u>Depth Feet</u>	<u>Time in Minutes</u>
5790 - 5800	8, 8, 8, 7, 7, 7, 7, 7, 8, 8,	5880 - 5890	9, 9, 10, 6, 8, 8, 9, 12, 8, 6,
5800 - 5810	9, 7, 9, 8, 8, 9, 9, 9, 9, 12,	5890 - 5900	7, 8, 9, 10, 10, 12, 10, 15, 11, 12,
5810 - 5820	10, 7, 5, 7, 8, 8, 8, 9, 10, 8,	5900 - 5910	8, 8, 8, 10, 5, 4, 6, 8, 7, 7,
5820 - 5830	9, 10, 11, 9, 8, 8, 15, 5, 4, 4,	5910 - 5920	7, 7, 9, 5, 8, 7, 11, 11, 10, 11,
5830 - 5840	5, 5, 4, 5, 7, 7, 7, 7, 7, 6,	5920 - 5930	9, 8, 10, 10, 10, 13, 15, 10, 10, 10,
5840 - 5850	4, 6, 6, 5, 6, 6, 7, 5, 5, 6,	5930 - 5940	10, 14, 11, 12, 11, 12, 15, 15, 11, 14,
5850 - 5860	7, 8, 5, 4, 4, 5, 8, 5, 4, 4,	5940 - 5950	15, 16, 17, 17, 15, 22, 21, 31, 21, 18,
5860 - 5870	4, 4, 4, 5, 8, 10, 9, 10, 12, 7,	5950 - 5960	20, 22, 16, 20, 20, 20, 25, 25, 35, 30,
5870 - 5880	8, 8, 10, 12, 7, 9, 8, 8, 6, 9,		

SAMPLE DESCRIPTION

Well Name: Briggs Tatcho Lake No. 1

Location: 60° 35' 42" N. Latitude
130° 35' 15" W. Longitude

<u>Depth</u> Feet	<u>Description</u>
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ENVIRONMENTAL AND RECENT

<u>Surface</u>		
- 25		Glacial drift, clay and gravel; pebbles of quartz, limestone, and igneous rocks.

CHERTAGEOUSInterval

25 - 40	Shale - medium grey and brownish-grey, soft, fissile, few fragments only.
40 - 50	Shale - medium grey, micromicaceous, silty.
50 - 70	Shale - dark grey and dark brownish-grey, soft, fissile.
70 - 90	Sandstone - light grey, very fine-grained, calcareous, slightly glauconitic, abundant rounded and subrounded pebbles of colorless and varicolored quartz.
90 - 100	Shale - medium to dark grey, soft, fissile, few fragments only.
100 - 110	Shale - dark brownish-grey, traces of carbonaceous material, few fragments.
110 - 130	Shale - medium to dark grey, firm, few fragments.
130 - 140	Shale - dark grey with poorly developed white calcareous specks; shale, dark grey and dark greyish-brown shale, containing fish remains.
140 - 150	Shale - medium to dark grey, clean.
150 - 160	Shale - dark brown, silty, fossil fragments.
160 - 180	Shale - dark grey and clean, rounded pebbles of quartz and chert.
180 - 200	Shale - dark grey, and dark brown with fossil fragments.
200 - 240	Shale - medium to dark grey, soft, fissile, (definitely in bed rock).
240 - 270	Shale - dark grey, traces of glauconite.

<u>Depth</u> Feet	<u>Description</u>
270 - 340	Shale - medium to dark grey, clean, firm.
340 - 360	Shale - dark grey, silty, traces of fish scales.
360 - 400	Shale - medium to dark grey, hard, clean.
400 - 460	Shale - as above, and Shale - hard, dark brown, silty.
460 - 610	Shale - dark grey, firm, silty in part.
610 - 630	No samples.
630 - 650	Cavings, lithology unknown.
650 - 710	Siltstone - medium grey, non-calcareous, mostly cavings.
710 - 720	Shale - dark grey, soft, mostly cavings.
720 - 870	Shale - medium to dark grey, silty in part. First definite shale.
870 - 880	Shale - medium to dark grey.
880 - 890	Shale - medium to dark grey, soft and Sandstone - grey, very fine-grained, calcareous, slightly glauconitic.
890 - 910	Sandstone - as above, poor porosity.
910 - 1000	Shale - medium to dark grey, minor sandstone, as above.
1000 - 1080	Shale - brownish-grey, soft, micromicaceous, slightly glauconitic; minor glauconitic sandstone, as above.
1080 - 1100	Siltstone and silty shale - dark brownish-grey, non-calcareous, glauconitic.
1100 - 1130	Shale - dark brownish-grey, silty in part, traces of glauconite.
1130 - 1160	Finely interbedded medium grey and greyish-brown shale with fine-grained, light grey, glauconitic sandstone, non-calcareous.
1160 - 1200	Sandstone - grey, very fine-grained, glauconitic, hard and tight, calcareous to non-calcareous, thin partings of dark greyish-brown shale.
1200 - 1230	Sandstone - grey, fine-grained, glauconitic, facilitic to calcareous, interbedded with shale, dark grey and dark brownish-grey, micromicaceous; hard brown ironstone, non-calcareous.
1230 - 1300	Shale - dark grey, fissile, non-calcareous.

<u>Depth Feet</u>	<u>Description</u>
1300 - 1310	Shale - dark gray, with thin streaks of grey, fine-grained sandstone.
1310 - 1340	Poor samples - probably shale, as above.
1340 - 1390	Shale - medium to dark grey, non-calcareous, fissile, traces of fish remains.
1390 - 1420	Siltstone - medium grey, shaly, non-calcareous, speckled appearance containing fossil fragments, grading into silty shale and shale.
1420 - 1440	Siltstone - greyish-brown to brown, hard, calcareous, fossiliferous, shale and siltstone, as above.
1440 - 1450	Shale - greyish-brown, soft, fissile.
<u>MISSISSIPPIAN</u>	<u>Shelf formation</u> 3-log 1446'
1450 - 1570	Shale - medium grey, calcareous, silty.
1570 - 1580	Shale - greenish-grey, calcareous, slightly silty.
1580 - 1590	Shale - dark brown, bituminous, slightly calcareous.
1590 - 1640	Shale - greenish-grey, calcareous, silty in part.
1640 - 1660	Siltstone - buff, hard, slightly calcareous, interbedded with greenish-grey shale, as above.
1660 - 1670	Shale - greenish-grey, calcareous and Shale - dark grey fissile, non-calcareous.
1670 - 1680	Shale - dark grey and dark brownish-grey, slightly calcareous, traces of glauconite.
1680 - 1840	Shale - greenish-grey, calcareous, silty in part with minor interbedded greenish-grey, calcareous siltstone.
1840 - 1880	As above, plus buff, hard, slightly calcareous siltstone.
1880 - 1890	Shale - dark grey, non-calcareous to slightly calcareous with greenish-grey shale and siltstone, as above.
1890 - 1900	Interbedded greenish-grey shale and siltstone - as above.
1900 - 1910	Shale - medium to dark grey, slightly calcareous.
1910 - 1960	Finely interbedded light grey, fine-grained, slightly calcareous sandstone with traces of glauconite and dark grey shale.

<u>Depth Foot</u>	<u>Description</u>
<u>UPPER DEVONIAN</u>	<u>Exshaw Formation</u> E-log 1953'
1960 - 1970	Shale - black, fissile, and Limestone - grayish-white to light buff, dense to microcrystalline.
<u>UPPER DEVONIAN</u>	<u>Wabamun Formation</u> E-log 1962'
1970 - 2040	Limestone - grayish-white to buff, dense to microcrystalline, slightly fossiliferous.
2040 - 2050	Shale - dark grey, non-calcareous.
2050 - 2060	Limestone - buff, dense to finely crystalline.
2060 - 2070	Shale - dark grey, non-calcareous.
2070 - 2110	Limestone - light grey to light buff, and buff, microcrystalline to microgranular.
2110 - 2170	Shale - dark grey, slightly calcareous, and greenish-grey, calcareous, with thin bands of limestone, as above.
2170 - 2190	Limestone - light grey, fossiliferous-fragmental.
2190 - 2230	Shale - dark grey and dark greenish-grey, non-calcareous to slightly calcareous.
2230 - 2250	Limestone - light grey, fossiliferous-fragmental.
2250 - 2290	Shale - dark grey and dark greenish-grey, as above.
2290 - 2410	Shale - as above; minor thin limestone bands, grey to buff, dense to finely crystalline. Green bentonitic shale at 2380'.
2410 - 2420	Shale - as above, and Siltstone - light green, calcareous.
2420 - 2470	Shale - dark grey, non-calcareous.
2470 - 2590	Shale - greyish-green, calcareous.
2590 - 2600	Shale - as above, and Limestone - cream to buff, dense to microcrystalline, with irregular partings of green shale.
2600 - 2630	Limestone - cream to buff, dense to microcrystalline, slightly argillaceous and slightly silty.
2630 - 2750	Limestone - buff, dense to microcrystalline, silty, fossiliferous at 2750'.

<u>Depth Feet</u>	<u>Description</u>
2750 - 2760	Shale - brown to maroon, fissile, calcareous, interbedded with limestone, as above.
2760 - 2770	Shale - grayish-green, calcareous, minor limestone, as above.
2770 - 2780	Shale - dark gray, non-calcareous, grayish-green and brown, calcareous, minor silty limestone.
2780 - 2800	Shale - grayish-green and brown, calcareous; minor silty limestone.
2800 - 2810	Shale - grayish-green and greenish-gray, calcareous.
2810 - 2840	Shale - grayish-green and maroon, calcareous.
2840 - 2900	Limestone - grayish-white to buff, dense to microcrystalline, minor shale, as above.
2900 - 2910	Shale - grayish-green and brown, calcareous, and Shale - dark gray, non-calcareous; minor limestone, as above.
2910 - 2920	Limestone - light buff, dense to finely crystalline, silty; minor shale, as above.
2920 - 2950	Shale - brown and grayish-green, calcareous.
2950 - 2990	Shale - as above, interbedded with buff, silty limestone.
<u>UPPER DEVONIAN</u>	<u>Trout River Formation</u> E-log 2990'
2990 - 3000	Shale - grayish-green, calcareous.
3000 - 3030	Limestone - light gray to buff, silty, dense to microcrystalline.
3030 - 3040	Siltstone - gray, limy, grading into silty limestone and very fine-grained limy sandstone, very hard and tight.
3040 - 3090	Shale - dark gray and greenish-gray, calcareous, with interbedded siltstone, as above, and grayish-green shaly siltstone.
3090 - 3100	Shale - maroon, fissile, calcareous.
3100 - 3110	Shale - greenish-gray, calcareous.
3110 - 3120	Shale - as above, with interbedded buff, dense limestone.
<u>UPPER DEVONIAN</u>	<u>Gambler Formation</u> E-log 3130'
3120 - 3130	Shale - grayish-green and maroon, calcareous.

<u>Depth Feet</u>	<u>Description</u>
3130 - 3140	Sandstone - grey, fine-grained, limy, hard and tight, traces of glauconite.
3140 - 3150	Shale - maroon and greyish-green, calcareous.
3150 - 3160	Shale - greyish-green, calcareous; minor shale, maroon, calcareous, and dark brown, non-calcareous.
3160 - 3200	Interbedded shale and siltstone - as above, traces of dark brown bituminous shale, and bright green, non-calcareous shale, minor buff, silty limestone and light grey, limy siltstone.
3200 - 3220	Limestone - buff, dense to finely crystalline, and buff, microfragmental to fragmental with traces of fair porosity.
3220 - 3230	Shale - greyish-green, calcareous.
3230 - 3240	Interbedded greenish-grey, calcareous shale and gray calcareous siltstone.
3240 - 3250	Shale - greenish-grey, calcareous with interbedded buff to light brown, silty limestone.
3250 - 3260	Shale - greenish-grey, calcareous.
3260 - 3270	Limestone - buff to light brown, fragmental, silty, glauconitic, with interbedded greenish-grey shale, as above.
3270 - 3300	Interbedded shale and siltstone - greenish-grey and greyish-green, calcareous; buff, silty limestone bands.
3300 - 3310	Siltstone - greenish-grey, calcareous, interbedded with buff silty limestone.

UPPER DEVONIANShale Unit

E-log 3303

3310 - 3330	Shale - greenish-grey and green.
3330 - 3340	Shale - as above, with minor interbedded calcareous siltstone.
3340 - 3350	Shale - dark brown, soft, fissile, non-calcareous.
3350 - 3360	Shale and siltstone - greenish-grey, calcareous, interbedded.
3360 - 3370	Shale - brown and greyish-green, calcareous.
3370 - 3440	Shale - as above, with minor interbedded light grey and greenish-grey, calcareous siltstone.
3440 - 3450	Siltstone - greyish-green and light grey, very hard; minor interbedded greenish-grey shale.

<u>Depth Feet</u>	<u>Description</u>
3440 - 3490	Shale - greyish-green and brown, calcareous.
3490 - 3540	Shale - greyish-green, calcareous.
<u>UPPER DEVONIAN</u>	<u>Limestone Marker</u> 3540'
3540 - 3620	Limestone - brown, mottled, fragmental, fossiliferous, silty and argillaceous, and Limestone - brown, hard, dense to microcrystalline.
3620 - 3655	Shale - green, calcareous.
3655 - 3675	Shale - greenish-grey, dark grey and brown.
3675 - 3685	Shale - as above, with interbedded bands of buff, dense, silty limestone and limy siltstone.
3685 - 3725	Shale - greenish-grey and brown; minor siltstone bands, light grey, and greenish-grey, calcareous.
3725 - 3740	Shale - brown, fissile, non-calcareous.
3740 - 3750	Shale - greyish-green, calcareous, and brown, non-calcareous.
3750 - 3755	Shale - greyish-green, calcareous.
3755 - 3760	Shale - greyish-green, calcareous, and brown, non-calcareous; minor interbedded siltstone.
3760 - 3830	Shale - as above, plus shale, dark grey, non-calcareous.
3830 - 3840	Shale - as above, plus interbedded greenish-grey, calcareous siltstone.
3840 - 3870	Shale - greenish-grey, calcareous, and brown, non-calcareous.
3870 - 3880	Sandstone - greyish-white, fine-grained, calcareous, slightly glauconitic, hard, light.
3880 - 3920	Interbedded shale - greenish-grey and dark grey, and siltstone, greenish-grey, calcareous, grading into greenish-grey, fine-grained, micaceous, calcareous sandstone.
3920 - 3950	Shale - brown, non-calcareous to calcareous, and greenish-grey, calcareous; minor interbedded siltstone, and sandstone, as above.
3950 - 3960	Shale - greyish-brown, soft, fissile, non-calcareous plus green and brown shale, as above.
3960 - 3990	Shale - greyish-green and brown.
3990 - 4190	Shale - as above, with minor interbedded calcareous siltstone.

<u>Depth</u> <u>Feet</u>	<u>Description</u>
4190 - 4210	Sandstone - very fine-grained, light greenish-grey, calcareous, glauconitic, grading into greenish-grey, calcareous siltstone.
4210 - 4250	Shale - greenish-grey and dark grey.
4250 - 4270	Limestone - light buff, dense to microcrystalline, with interbedded siltstone, light grey, calcareous, glauconitic.
4270 - 4370	Shale - greenish-grey and dark grey.
4370 - 4380	Siltstone - greenish-grey to light grey, calcareous.
4380 - 4750	Shale - greenish-grey, dark grey and brown.
4750 - 4780	Siltstone - light grey to greyish-green, calcareous, with interbedded shale as above.
4780 - 5230	Shale - greyish-green, calcareous, dark grey and brown, non-calcareous.
5230 - 5252	Shale - dark brown, bituminous.

MISSISSIPPIANStow Point Formation

5252'

5252 - 5260	Limestone - light grey to buff, dense to microcrystalline, alveoloid.
5260 - 5290	Limestone - buff to brown, dense to microcrystalline.
5290 - 5310	Limestone - dark brown, dense to cryptocrystalline, bituminous and argillaceous.
5310 - 5340	Limestone - cream colored to brown, dense to microcrystalline.
5340 - 5350	Limestone - light grey to buff, dense to microcrystalline.
5350 - 5360	Limestone - brown, dense to microcrystalline.
5360 - 5390	Limestone - dark brown, dense, argillaceous.
5390 - 5395	Limestone - dark brown, mottled, dense to cryptocrystalline.
5395 - 5400	Limestone - dark brown, dense, argillaceous and bituminous.
5400 - 5410	Limestone - brown, dense, bituminous partings.
5410 - 5430	Limestone - dark brown, dense.
5430 - 5435	Limestone - light brown, dense.

<u>Depth</u> <u>Feet</u>	<u>Stratigraphic</u>	
<u>5485 - 5490</u>	<u>Mountain Formation</u>	<u>5-log 5485'</u>
5485 - 5490	Limestone and green shale breccia.	
<u>5490 - 5515</u>	<u>Mountain River Formation</u>	<u>5490'</u>
5490 - 5515	Limestone - grayish-white to cream, dense to microcrystalline.	
5515 - 5530	Limestone - brown, dense.	
5530 - 5560	Limestone - grayish-white, earthy, dense, and light gray, dense to microcrystalline and limestone, buff to light brown, dense.	
5560 - 5660	Limestone - brown, fragmental and dark brown, dense.	
5660 - 5780	Limestone - brown, dense and dark brown, dense to microcrystalline, bituminous.	
5780 - 5790	Limestone - gray to brown, mottled, dense to microcrystalline.	
5790 - 5800	Limestone - cream, dense to microcrystalline.	
5800 - 5810	Limestone - brown to dark brown, mottled, dense to microcrystalline.	
5810 - 5835	Dolomite - dark brown, dense to cryptocrystalline.	
5835 - 5850	Dolomite - buff, dense to microcrystalline, poor scattered porosity.	
5850 - 5900	Dolomite - brown, finely crystalline, poor scattered porosity.	
5900 - 5910	Dolomite - gray, finely crystalline, and Dolomite - dark brown, dense, bituminous.	
5910 - 5940	Dolomite - dark brown, dense.	
5940 - 5960	Dolomite - dark brown, dense, with interbedded and intermixed white anhydrite.	
5960	Total Depth	

GEOLOGICAL AND ENGINEERING SUMMARY

Well Name: Briggs Tetcho Lake No. 1

Location: 60° 35' 42" N. Latitude
120° 35' 15" W. Longitude

Briggs Tetcho Lake No. 1 was drilled as a stratigraphic test on Oil and Gas Permit No. 927, registered in the name of B. Todd Briggs. The test is located 11 miles north of Tetcho Lake and half-way between Trout Lake on the west and Mount Mountain on the east, in the Northwest Territories, Canada. Imperial Island River No. 1 dry hole, 36 miles to the southeast, was drilled to a depth of 8,233 feet in 1954.

The stratigraphic section in the Briggs Tetcho Lake No. 1 well is essentially similar to that in Imperial Island River No. 1 and the correlation between wells presents no problem.

Beds of Cretaceous age immediately underlie a variable thickness of glacial drift in the area. The top of a glauconitic sandstone zone occurs at 855 feet in the Tetcho Lake No. 1 well and may correlate with a similar zone, the top of which occurs in Island River No. 1 at 1,175 feet.

The top of the Mississippian is an erosional unconformity as indicated by the thinning of beds of this age from 1,330 feet in Island River No. 1 to 507 feet in Tetcho Lake No. 1. The widespread dark brown Eashaw shale is present in both wells at the top of the Upper Devonian.

There is a general thickening from northeast to southwest of all the recognizable rock units below the Eashaw formation. This is of the order of five feet per mile, and is a true thickening due to the Island River location being in a deeper part of the regional basin of deposition than the Tetcho Lake location.

The Slave Point formation of Middle Devonian age thins from 445 feet in Island River No. 1 to 233 feet in Tetcho Lake No. 1, due mostly to erosion at the top of the formation. A thin section of dark bituminous shale overlies the Slave Point at both locations. The Matt Mountain formation interval in both wells has been picked from the electrical log and the gamma ray-neutron log. This formation apparently marks a break in deposition between the underlying Eashaw formation and the overlying Slave Point formation.

The first dolomite encountered in Tetcho Lake No. 1 well is at 5,810 feet and apparently correlates with similar lithology at 7,810 feet in Island River No. 1 well. The dark brown, dense dolomite at 5,900 feet in Tetcho Lake No. 1, which is anhydritic in the basal part, appears to correlate with the dolomite and anhydrite below 7,920 feet in Island River No. 1.

The Tetcho Lake No. 1 well was not drilled into the hard quartzose sandstone reported at 8,000 feet in Island River No. 1 well, but is believed to have completed drilling within ten feet of that zone and approximately 200 feet above the Precambrian igneous rocks encountered at 8,230 feet in Imperial Island River No. 1 well.

Structurally, Tetcha Lake No. 1 is 1,227 feet higher than Island River No. 1 on what appears to be a most reliable limestone marker in the Upper Devonian. On the top of the Slave Point formation the corresponding difference in elevation is 1,248 feet. No reliable structural determinations can be made, on the basis of present information, in the near surface beds of Cretaceous age.

In the drilling of Tetcha Lake No. 1 much difficulty was encountered in drilling the surface hole, due to caving gravel beds near the surface. The thick green shale section overlying the Slave Point caved excessively and contaminated samples of the underlying formations to a marked degree.

Some poor scattered porosity was observed in the cuttings from 5,835 feet to 5,900 feet in the Muskeg River formation, but no oil staining was evident. The drilling-time record for this interval indicated only thin sections of relatively fast drilling. It was considered that a drill-stem test was not warranted.

The oil and gas prospects below 5,900 feet were considered negligible and the hole was plugged and abandoned at this depth.

Norman Seal
Norman Seal, P. Eng.

901 Eighth Avenue S. W.,
Calgary, Alberta.
April 21, 1958.

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

Name and No. of Well **BRIGGS TETCHO LAKE NO. 1**

Field Wildcat-NWT

TOUR No. ONE

HUSKY OIL & REFINING LTD. DRILLING RIG TOUR REPORT

TOUR No. TWO

Date March 11, 1958 (38)

Name and No. of Rig Huskey #14

TOUR No. THREE

DRILL PIPE			CASING DEPTH				
Drill Collar Stand and Bit Reamers, Core Barrel, etc.			Size O.D. 10 3/4				
STANDS			Depth of Shoe 589				
			DEPTH OF HOLE				
Singles			Depth at Beginning of Tour				
			Footage Cored				
Kelly Down			Footage Drilled				
Total Pipe for Bottom			Depth at End of Tour 5960 TD				
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.							
2 hr.							
3 hr.							
4 hr.							
5 hr.							
6 hr.							
7 hr.							
8 hr.							

DRILL PIPE			CASING DEPTH				
Drill Collar Stand and Bit Reamers, Core Barrel, etc.			Size O.D. 10 3/4"				
STANDS			Depth of Shoe 588				
			DEPTH OF HOLE				
Singles			Depth at Beginning of Tour				
			Footage Cored				
Kelly Down			Footage Drilled				
Total Pipe for Bottom			Depth at End of Tour 5760 TD				
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.							
2 hr.							
3 hr.							
4 hr.							
5 hr.							
6 hr.							
7 hr.							
8 hr.							

DRILL PIPE			CASING DEPTH				
Drill Collar Stand and Bit Reamers, Core Barrel, etc.			Size O.D. 10 3/4"				
STANDS			Depth of Shoe 580				
			DEPTH OF HOLE				
Singles			Depth at Beginning of Tour				
			Footage Cored				
Kelly Down			Footage Drilled				
Total Pipe for Bottom			Depth at End of Tour 5960 TD				
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.							
2 hr.							
3 hr.							
4 hr.							
5 hr.							
6 hr.							
7 hr.							
8 hr.							

[illegible][illegible][illegible]

Deviation	Survey taken at	Degrees off	Direction
CREW		TIME ANALYSIS	
Derrickman	<i>Spauld</i>	DRILLING	
Cathead	<i>Know</i>	CORING	
Fireman	<i>Atkinson</i>	REAMING	
Floorman	<i>Thomas</i>	CONDITIONING MUD	
Floorman		CIRCULATING	
Driller	<i>Haris</i>	FISHING	
Tool Pusher	<i>Mahel</i> Signature	RUNNING DEVIATION	
Gallons Fuel Used		RUNNING ELECTRIC LOG	
Remarks:		WAITING ON CEMENT	<i>Touch</i> 8
		OILING, GREASING	
		SHUT DOWN REPAIRS	
		TRIP TIME	
		TOTAL HOURS	

Deviation	Survey taken at	Degrees off	Direction
CREW		TIME ANALYSIS	
Derrickman	Stibel	DRILLING	
Cathead	Williams	CORING	
Fireman	Wagner	REAMING	
Floorman		CONDITIONING MUD	
Floorman	Grish	CIRCULATING	
Driller	Drummond	FISHING	
		RUNNING DEVIATION	
Tool Pusher	Signature	RUNNING ELECTRIC LOG	
		WAITING ON CEMENT TRUCK	
Gallons Fuel Used		OILING, GREASING	
Remarks:		SHUT DOWN REPAIRS	
		TRIP TIME	
		TOTAL HOURS	

Deviation	Survey taken at	Degrees off	Direction
CREW		TIME ANALYSIS	
Derrickman	True	DRILLING	
Cathead	Stubel Williams	CORING	
Fireman	Manson	REAMING	
Floorman	Finkis	CONDITIONING MUD	
Floorman	Jesch	CIRCULATING	
Driller	Winstan	FISHING	
Tool Pusher	Madell	RUNNING DEVIATION	
Signature		RUNNING ELECTRIC LOG	
Gallons Fuel Used		WAITING ON CEMENT	
Remarks:		OILING, GREASING	
		SHUT DOWN REPAIRS	
		RUNNING ABANDONMENT PLUGS	8
		TRIP TIME	
		TOTAL HOURS	8

12.50 - 2.00 waiting on cement truck

8.00 - 9.00 Waiting on Halliburton truck

4.00 - 4.30 Rigg up to new plugs
4.30 - 5.00 Running Plug # 1 and Plug # 2
6.00 - 10.30 Laying down drill pipe
10.30 - 12.00 Running Plug # 3
RIG RELEASED MIDNIGHT
Plug # 1 5960 - 5760 80.5V Displaced with 8666 / mud
In place at 5.00 PM
Plug # 2 5330 - 5230 40.5V Displaced with 7466 / mud
In place at 10.00 PM
Plug # 3 640 - 540 60.5V Displaced with 7 1/2 66 / water
Plug in place at 11.45 PM

Name and No. of Well **BRIGGS TETCHO LAKE NO. 1**

Field Wildcat N.W.T.

TOUR No. ONE

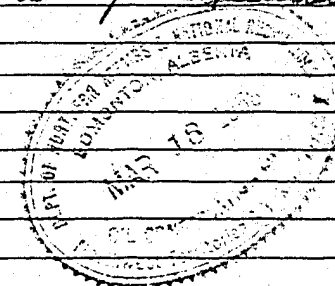
HUSKY OIL & REFINING LTD. DRILLING RIG TOUR REPORT

TOUR No. TWO

Date March 10 1958

Name and No. of Rig Husky #14

TOUR No. THREE

[illegible]

Name and No. of Well **BRIGGS TETCHO LAKE NO. 1**Field **Williston N.W.T.**

TOUR No. ONE

HUSKY OIL & REFINING LTD.
DRILLING RIG TOUR REPORT

TOUR No. TWO

Date **March 9, 1958** (36)Name and No. of Rig **Husky #14**

TOUR No. THREE

DRILL PIPE							CASING DEPTH																				
Drill Collar Stand and Bit Reamers, Core Barrel, etc.							Size O.D.																				
64 STANDS							5670.81																				
2 Singles							5950																				
3' up on Kelly							3751																				
Kelly Down							10																				
Total Pipe for Bottom							5960.00																				
Formation During Last Hour (Include Oil and Gas Shows)							Wt. Indic. Reading																				
Mud Weight							Mud Viscosity																				
Pump Pressure							Changes of Mud																				
1 hr.							Mud Additions																				
2 hr.																											
3 hr.							Portagyp 400 lb																				
4 hr.							Densometer 100 lb																				
5 hr.																											
6 hr.																											
7 hr.																											
8 hr.							pH 9.5 11.9 210 800 WL4.4																				
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												
9"	YSI	88521	10	56																							
Deviation							Survey taken at							Degrees off							Direction						
CREW							TIME ANALYSIS																				
Derrickman							DRILLING							3 1/2													
Cathead							CORING																				
Fireman							REAMING																				
Floorman							CONDITIONING MUD																				
Floorman							CIRCULATING							2 1/2													
Driller							FISHING																				
Tool Pusher							RUNNING DEVIATION																				
Gallons Fuel Used							RUNNING ELECTRIC LOG																				
Remarks:							WAITING ON CEMENT																				
							OILING, GREASING							1/2													
							SHUT DOWN REPAIRS							1/2													
							TRIP TIME							1 1/4													
							TOTAL HOURS							8													
12.00 - 12.15							Sanding up																				
12.15 - 1.15							Drilling																				
1.15 - 1.45							Working on mud pump																				
1.45 - 4.15							Drilling																				
4.15 - 5.15							Circulating sample																				
5.15 - 6.30							Pulled 15 stands and ran back into circulation																				
6.30 - 8.00							Circulating to clean hole for logging																				

Name and No. of Well **BRIGGS TETCHO LAKE NO. 1**Field Williston, N.W.T.

TOUR No. ONE

HUSKY OIL & REFINING LTD.
DRILLING RIG TOUR REPORT

TOUR No. TWO

Date March 8, 1958

(35)

Name and No. of Rig Husky #14

TOUR No. THREE

DRILL PIPE			CASING DEPTH				
Drill Collar Stand and Bit Reamers, Core Barrel, etc.	251.68	Size O.D.	10 3/4"				
STANDS	5612.22	Depth of Shoe	588'				
			DEPTH OF HOLE				
Singles		Depth at Beginning of Tour	5855				
		Footage Cored					
Kelly Down	40.40	Footage Drilled	49				
Total Pipe for Bottom	5904.30	Depth at End of Tour	5904				
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.		Mud Additives					
2 hr.							
3 hr.		Antigyp 400 lb	pH 9.0	11.8	115	950	WL 4.8
4 hr.		Dynasore 50 lb		11.8	75	850	
5 hr.		Tanner 150 lb		11.8	60	850	
6 hr.		Caustic 75 lb		11.8	78	850	WL 5.0
7 hr.							
8 hr.				11.8	66	850	

BITS USED					CORES TAKEN		
Size	Type	Serial No.	Footage This Tour	Total Footage	To	From	Recovery
9"	OSC	1097	49	77			

Deviation	Survey taken at	Degrees off	Direction
CREW		TIME ANALYSIS	
Derrickman	Thur	DRILLING	6 3/4
Cathead	Stabel	CORING	
Fireman	Petch	REAMING	
Floorman	Finkis	CONDITIONING MUD	
Floorman		CIRCULATING	1
Driller	Weidner	FISHING	
		RUNNING DEVIATION	
Tool Pusher	Madill	RUNNING ELECTRIC LOG	
		WAITING ON CEMENT	
Gallons Fuel Used		OILING, GREASING	
Remarks:		SHUT DOWN REPAIRS	
		TRIP TIME	1/4
		TOTAL HOURS	8

12.00 - 6.45 Drilling
 6.45 - 7.45 Circulating
 7.45 - 8.00 Started out of hole to change bit

DRILL PIPE			CASING DEPTH				
Drill Collar Stand and Bit Reamers, Core Barrel, etc.	251.68	Size O.D.	10 3/4"				
STANDS	5641.50	Depth of Shoe	588				
			DEPTH OF HOLE				
Singles		Depth at Beginning of Tour	5904				
		Footage Cored					
Kelly Down	22.82	Footage Drilled	12				
Total Pipe for Bottom	5916.00	Depth at End of Tour	5916				
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.							
2 hr.							
3 hr.							
4 hr.							
5 hr.		pH 9.5	11.9	90	850	WL 4.5	
6 hr.							
7 hr.							
8 hr.							

BITS USED					CORES TAKEN		
Size	Type	Serial No.	Footage This Tour	Total Footage	To	From	Recovery
9"	YSI	8052	12	12			

Deviation	Survey taken at	Degrees off	Direction
CREW		TIME ANALYSIS	
Derrickman	Spurle	DRILLING	1 1/2
Cathead	Krner	CORING	
Fireman	Athinson	REAMING	
Floorman	Thomas	CONDITIONING MUD	
Floorman	Wagner	CIRCULATING	
Driller	Harris	FISHING	
		RUNNING DEVIATION	
Tool Pusher	Madill	RUNNING ELECTRIC LOG	
		WAITING ON CEMENT	
Gallons Fuel Used		OILING, GREASING	1/4
Remarks:		SHUT DOWN REPAIRS	2
		TRIP TIME	4 1/4
		TOTAL HOURS	8

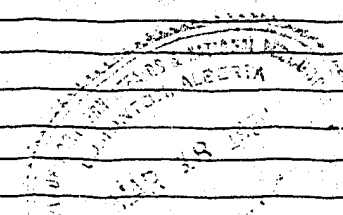
8.00 - 8.15 Servicing rig
 8.15 - 12.30 Trip for new bit - Reaming tight hole
 12.30 - 1.30 Drilling
 1.30 - 3.30 Putting new head on mud pump
 3.30 - 4.00 Drilling

DRILL PIPE			CASING DEPTH				
Drill Collar Stand and Bit Reamers, Core Barrel, etc.	251.68	Size O.D.	10 3/4"				
STANDS	5670.81	Depth of Shoe	588				
			DEPTH OF HOLE				
Singles		Depth at Beginning of Tour	5916				
		Footage Cored					
Kelly Down	21.51	Footage Drilled	34				
Total Pipe for Bottom	5950.00	Depth at End of Tour	5950				
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.		Mud Additives				400	
2 hr.						400	
3 hr.		Aguael 800 #		11.9	150	400	WL 5.4
4 hr.		Dynasore 50 #				800	
5 hr.		Tanner 100 lb		11.7	200	800	WL 5.2
6 hr.		Caustic 20 lb				800	
7 hr.						800	
8 hr.						800	

BITS USED					CORES TAKEN		
Size	Type	Serial No.	Footage This Tour	Total Footage	To	From	Recovery
9"	YSI	8052	34	46			

Deviation	Survey taken at	Degrees off	Direction
CREW		TIME ANALYSIS	
Derrickman	Stabel	DRILLING	7 3/4
Cathead	Williams	CORING	
Fireman	Raid	REAMING	
Floorman		CONDITIONING MUD	
Floorman	Deach	CIRCULATING	
Driller	Derranph	FISHING	
		RUNNING DEVIATION	
Tool Pusher	Madill	RUNNING ELECTRIC LOG	
		WAITING ON CEMENT	
Gallons Fuel Used		OILING, GREASING	
Remarks:		SHUT DOWN REPAIRS	1/4
		TRIP TIME	8
		TOTAL HOURS	

4.00 - 7.00 Drilling
 7.00 - 7.15 Working on mud pump
 7.15 - 12.00 Drilling



Name and No. of Well **BRIGGS TETCHO LAKE NO. 1**Field **Wildcat, N.W.T.**

TOUR No. ONE

HUSKY OIL & REFINING LTD.
DRILLING RIG TOUR REPORT

TOUR No. TWO

Date **March 7, 1958** (34)Name and No. of Rig **Husky #14**

TOUR No. THREE

DRILL PIPE				CASING DEPTH			
Drill Collar Stand and Bit Reamers, Core Barrel, etc.				Size O.D.	10 3/4"		
STANDS				251.68	Depth of Shoe - 588'		
Singles				549.43	DEPTH OF HOLE		
Kelly Down					Depth at Beginning of Tour 5735		
Total Pipe for Bottom					Footage Cored		
32.69					Footage Drilled 43		
5778.00					Depth at End of Tour 5778		
Time	Depth	Formation During Last Hour (Include Oil and Gas Shows)		Wt. Indic. Reading	Mud Weight	Mud Viscosity	Pump Pressure
1 hr.		Mud Additives					
2 hr.							
3 hr.		Tanner 100#					
4 hr.		Cement 50#		pH 7.0	11.9	105	800 WLS.1
5 hr.							
6 hr.				pH 7.0	11.8	78	850
7 hr.							
8 hr.					11.8	69	850 WLS.4

BITS USED				CORES TAKEN			
Size	Type	Serial No.	Footage This Tour	Total Footage	To	From	Recovery
9"	OSC	1098	43	43			

Deviation Survey taken at _____ Degrees off _____ Direction _____

CREW		TIME ANALYSIS	
Derrickman	T. Ruel	DRILLING	4 3/4
Cathead	Stubel	CORING	
Fireman	Patch	REAMING	
Floorman		CONDITIONING MUD	
Floorman	Finkel	CIRCULATING	
Driller	Weslaer	FISHING	
Tool Pusher	Madill Signature	RUNNING DEVIATION	
Gallons Fuel Used		RUNNING ELECTRIC LOG	
Remarks:		WAITING ON CEMENT	
		OILING, GREASING	
		SHUT DOWN REPAIRS	1/4
		TRIP TIME	3
		TOTAL HOURS	

12.00 - 3.00 Trip for new bit - Reaming to bottom.
 3.00 - 3.15 Repairing water pump
 3.15 - 8.00 Drilling

DRILL PIPE				CASING DEPTH			
Drill Collar Stand and Bit Reamers, Core Barrel, etc.				Size O.D.	10 3/4"		
STANDS				251.68	Depth of Shoe - 588'		
Singles				5552.16	DEPTH OF HOLE		
Kelly Down					Depth at Beginning of Tour 5778		
Total Pipe for Bottom					Footage Cored		
23.16					Footage Drilled 49		
5827.00					Depth at End of Tour 5827		
Time	Depth	Formation During Last Hour (Include Oil and Gas Shows)		Wt. Indic. Reading	Mud Weight	Mud Viscosity	Pump Pressure
1 hr.		Mud Additives					
2 hr.							
3 hr.		Pentagyp 200 lb					
4 hr.		Tanner 100 lb					
5 hr.		Cement 50 lb					
6 hr.		Gel 400 lb		9.5	11.9	55	800 5.1
7 hr.		Dmiscoe 50 lb					
8 hr.							

BITS USED				CORES TAKEN			
Size	Type	Serial No.	Footage This Tour	Total Footage	To	From	Recovery
9"	OSC	1098	49	92			

Deviation Survey taken at 5800 Degrees off 1 1/2 Direction _____

CREW		TIME ANALYSIS	
Derrickman	Sparks	DRILLING	6 3/4
Cathead	Knox	CORING	
Fireman	Atkinson	REAMING	
Floorman	Thomas	CONDITIONING MUD	
Floorman	Wagner	CIRCULATING	1/2
Driller	Harris	FISHING	1/4
Tool Pusher	Madill Signature	RUNNING DEVIATION	1/4
Gallons Fuel Used		RUNNING ELECTRIC LOG	
Remarks:		WAITING ON CEMENT	
		OILING, GREASING	1/4
		SHUT DOWN REPAIRS	
		TRIP TIME	1/4
		TOTAL HOURS	8

8.00 - 8.15 Service rig
 8.15 - 3.00 Drilling
 3.00 - 3.30 Circulating
 3.30 - 3.45 Running deviation survey
 3.45 - 4.00 Trip for new bit

DRILL PIPE				CASING DEPTH			
Drill Collar Stand and Bit Reamers, Core Barrel, etc.				Size O.D.	10 3/4"		
STANDS				251.68	Depth of Shoe - 588'		
Singles				5581.94	DEPTH OF HOLE		
Kelly Down					Depth at Beginning of Tour 5827		
Total Pipe for Bottom					Footage Cored		
21.38					Footage Drilled 28		
5855.00					Depth at End of Tour 5855		
Time	Depth	Formation During Last Hour (Include Oil and Gas Shows)		Wt. Indic. Reading	Mud Weight	Mud Viscosity	Pump Pressure
1 hr.							
2 hr.							
3 hr.							
4 hr.							
5 hr.							
6 hr.					11.2	125	800 WLS.2
7 hr.							800
8 hr.							800

BITS USED				CORES TAKEN			
Size	Type	Serial No.	Footage This Tour	Total Footage	To	From	Recovery
9"	OSC	1097	28	28			

Deviation Survey taken at _____ Degrees off _____ Direction _____

CREW		TIME ANALYSIS	
Derrickman	Stubel	DRILLING	3 1/4
Cathead	Williams	CORING	
Fireman	Raid	REAMING	
Floorman		CONDITIONING MUD	
Floorman	Desch	CIRCULATING	
Driller	Darrough	FISHING	
Tool Pusher	Madill Signature	RUNNING DEVIATION	
Gallons Fuel Used		RUNNING ELECTRIC LOG	
Remarks:		WAITING ON CEMENT	
		OILING, GREASING	1/4
		SHUT DOWN REPAIRS	
		TRIP TIME	4 1/2
		TOTAL HOURS	8

4.00 - 4.15 Service rig
 4.15 - 9.45 Trip for new bit - Reaming to bottom
 9.45 - 12.00 Drilling

Name and No. of Well **BRIGGS TETCHO LAKE NO. 1**

Field Wildcat N.W.T.

TOUR No. ONE

HUSKY OIL & REFINING LTD. DRILLING RIG TOUR REPORT

TOUR No. TWO

Date March 6, 1958 (33)

Name and No. of Rig Hutch # 19

TOUR No. THREE

DRILL PIPE		CASING DEPTH	
Drill Collar Stand and Bit Reamers, Core Barrel, etc.	251.68	Size O.D.	10 3/4"
STANDS	5350.00	Depth of Shoe	588
		DEPTH OF HOLE	
Singles		Depth at Beginning of Tour	5585
		Footage Cored	
Kelly Down	40.40	Footage Drilled	57
Total Pipe for Bottom	5642.08	Depth at End of Tour	5642

DRILL PIPE		CASING DEPTH	
Drill Collar Stand and Bit Reamers, Core Barrel, etc.	251.68	Size O.D.	10 3/4"
STANDS	5405.96	Depth of Shoe	588
		DEPTH OF HOLE	
Singles		Depth at Beginning of Tour	5692
		Footage Cored	
Kelly Down	32.36	Footage Drilled	48
Total Pipe for Bottom	5690.00	Depth at End of Tour	5690

DRILL PIPE		CASING DEPTH	
Drill Collar Stand and Bit Reamers, Core Barrel, etc.	251.68	Size O.D.	10 3/4"
STANDS	5464.79	Depth of Shoe	588
		DEPTH OF HOLE	
Singles		Depth at Beginning of Tour	5690
		Footage Cored	
Kelly Down	18.53	Footage Drilled	45
Total Pipe for Bottom	5735.00	Depth at End of Tour	5735

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.		<u>Mud Additive</u>					
2 hr.				11.8	72	800	N.L.S.B.
3 hr.		<u>Concrete 25 ft</u>					
4 hr.		<u>Tarred 50 ft</u>					
5 hr.		<u>Antigyp 300 #</u>					
6 hr.		<u>Diesel fuel 250 gal</u>					
7 hr.				11.8	67	800	
8 hr.							

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.		<u>Mud Additives</u>					
2 hr.							
3 hr.		<u>Miscare 50 #</u>					
4 hr.						800	
5 hr.			pH 9	11.3	68	800	WL 6.1
6 hr.				11.8		800	
7 hr.			pH 9	11.8	70	800	WL 6.2
8 hr.						800	

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.		<u>Mud Additives</u>					
2 hr.							
3 hr.		Tannex 150 lb		11.7	75		WL 5.8
4 hr.		Caustic Soda 100 lb					
5 hr.							
6 hr.							
7 hr.							
8 hr.							

BITS USED					CORES TAKEN		
Size	Type	Serial No.	Footage This Tour	Total Footage	To	From	Recovery
9"	OSC	979	57	146			

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Deviation	Survey taken at	Degrees off	Direction
CREW		TIME ANALYSIS	
Derrickman	Thur	DRILLING	6 1/4
Cathead	Stabel	CORING	
Fireman	Patch	REAMING	
Floorman	Finkis	CONDITIONING MUD	
Floorman		CIRCULATING	7 1/4
Driller	Weishan	FISHING	
Tool Pusher	Madill	RUNNING DEVIATION	
Signature		RUNNING ELECTRIC LOG	
		WAITING ON CEMENT	
Gallons Fuel Used		OILING, GREASING	
Remarks:		SHUT DOWN REPAIRS	
		TRIP TIME	1
		TOTAL HOURS	8

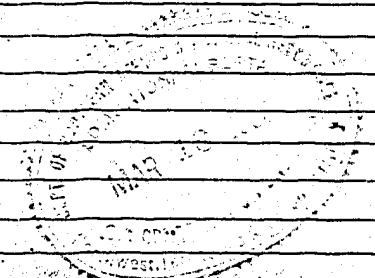
Deviation	Survey taken at	Degrees off	Direction
CREW		TIME ANALYSIS	
Derrickman	<i>Spauld</i>	DRILLING	<i>4 1/2</i>
Cathead	<i>Roon</i>	CORING	
Fireman	<i>Athenion</i>	REAMING	
Floorman	<i>Thomas</i>	CONDITIONING MUD	
Floorman	<i>Wagner</i>	CIRCULATING	
Driller	<i>Harris</i>	FISHING	
Tool Pusher	<i>Madill</i> Signature	RUNNING DEVIATION	
Gallons Fuel Used		RUNNING ELECTRIC LOG	
Remarks:		WAITING ON CEMENT	
		OILING, GREASING	<i>1/4</i>
		SHUT DOWN REPAIRS	
		TRIP TIME	<i>3 1/4</i>
		TOTAL HOURS	<i>8</i>

Deviation	Survey taken at	Degrees off	Direction
CREW		TIME ANALYSIS	
Derrickman	Stibel	DRILLING	5 3/4
Cathead	Williams	CORING	
Fireman	Raid	REAMING	
Floorman		CONDITIONING MUD	
Floorman	Besch	CIRCULATING	1
Driller	Gerrault	FISHING	
Tool Pusher	Signature	RUNNING DEVIATION	
Gallons Fuel Used		RUNNING ELECTRIC LOG	
Remarks:		WAITING ON CEMENT	
		OILING, GREASING	
		SHUT DOWN REPAIRS	
		TRIP TIME	1 1/4
		TOTAL HOURS	8

12.00 - 6.15 Drilling
6.15 - 7.00 Circulating sample
7.00 - 8.00 Started trip for new bit

8.00 - 8.15 Servicing rig
8.15 - 11.20 Trip for new bit - Reaming tight hole
11.30 - 4.00 Drilling

4.00 - 9.95	Drilling.
9.45 - 10.45	Circulating
10.45 - 12.00	Started traps for new Mt



05
Name and No. of Well **BRIGGS TETCHO LAKE NO. 1**

Field Wildcat Nod T.

TOUR No. ONE

HUSKY OIL & REFINING LTD. DRILLING RIG TOUR REPORT

TOUR No. TWO

Date March 5, 1958 (32)

Name and No. of Rig Husky 14

TOUR No. THREE

TOUR NO. ONE										TOUR NO. TWO										TOUR NO. THREE										
DRILL PIPE					CASING DEPTH					DRILL PIPE					CASING DEPTH					DRILL PIPE					CASING DEPTH					
Drill Collar Stand and Bit Reamers, Core Barrel, etc.					Size O.D. 10 3/4"					Drill Collar Stand and Bit Reamers, Core Barrel, etc.					Size O.D. 10 3/4"					Drill Collar Stand and Bit Reamers, Core Barrel, etc.					Size O.D. 10 3/4"					
STANDS 5204.24					Depth of Shoe 588					STANDS 5233.52					Depth of Shoe 588					STANDS 5319.95					Depth of Shoe 588					
Singles					DEPTH OF HOLE					Singles					DEPTH OF HOLE					Singles					DEPTH OF HOLE					
Depth at Beginning of Tour 5420					Footage Cored					Depth at Beginning of Tour 5486					Footage Cored					Depth at Beginning of Tour 5505					Footage Cored					
Footage Drilled 66					Kelly Down 30.08					Footage Drilled 19					Kelly Down 19.80					Footage Drilled 80					Kelly Down 13.37					
Total Pipe for Bottom 5486.00					Depth at End of Tour 5486					Total Pipe for Bottom 5505.00					Depth at End of Tour 5505					Total Pipe for Bottom 5585.00					Depth at End of Tour 5585					
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.		Mud Additions							W.L.	1 hr.		Mud Additions				11.8	55	800	WL 5.5		1 hr.		Mud Additions						0	
2 hr.						11.2	45	800	6.6	2 hr.											2 hr.									
3 hr.		Tanner 150 lb				11.2	45	800		3 hr.		Antigyp 200 lb									3 hr.		Antigyp 400 lb				11.7	64	800	WL 6.5
4 hr.		Cavities 75 lb								4 hr.											4 hr.		Sigsbee 600 lb							
5 hr.						11.2	56	800	5.5	5 hr.											5 hr.									
6 hr.						11.6	53	800		6 hr.											6 hr.						11.7	66		
7 hr.										7 hr.											7 hr.									
8 hr.									PH=9 6.0	8 hr.						PH=9 11.8	60	800	WL 5.2		8 hr.						11.7	68		WL 6.1
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					
9"	DSC	960	66	104					9"	DSC	960	10	114					9"	DSC	979	80	89								
									9"	DSC	979	9	9																	
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	Thue				DRILLING	8				Derrickman	Spaul				DRILLING	1 3/4				Derrickman	Stabel				DRILLING	7 3/4				
Cathead	Stabel				CORING					Cathead	Kron				CORING					Cathead	Williams				CORING					
Fireman	Petch				REAMING					Fireman	Atkinson				REAMING					Fireman	Paid				REAMING					
Floorman	Finkis				CONDITIONING MUD					Floorman	Thomas				CONDITIONING MUD					Floorman	Dersch				CONDITIONING MUD					
Floorman					CIRCULATING					Floorman	Wagner				CIRCULATING					Floorman	Donough				CIRCULATING					
Driller	Weishaar				FISHING					Driller	Harvie				FISHING					Driller					FISHING					
Tool Pusher	Madill Signature _____				RUNNING DEVIATION					Tool Pusher	Madill Signature _____				RUNNING DEVIATION					Tool Pusher	Madill Signature _____				RUNNING DEVIATION					
Gallons Fuel Used					RUNNING ELECTRIC LOG					Gallons Fuel Used					RUNNING ELECTRIC LOG					Gallons Fuel Used					RUNNING ELECTRIC LOG					
Remarks:					WAITING ON CEMENT					Remarks:					WAITING ON CEMENT					Remarks:					WAITING ON CEMENT					
					OILING, GREASING										OILING, GREASING										OILING, GREASING					
					SHUT DOWN REPAIRS										SHUT DOWN REPAIRS										SHUT DOWN REPAIRS					
					TRIP TIME										TRIP TIME										TRIP TIME					
					TOTAL HOURS	8									TOTAL HOURS	5 1/4									TOTAL HOURS	8				
12.00 - 8.00 Drilling										8.00 - 9.00 Drilling										9.00 - 8.45 Drilling										
										9.00 - 10.00 Circulating sample and pouring up.										8.45 - 9.00 Working on pump										
										10.00 - 3.15 Trip for new bit - Reaming to 11.0										9.00 - 12.00 Drilling										
										3.15 - 4.00 Drilling																				

BRIGGS TETCHO LAKE NO. 1

Name and No. of Well

Field Wildcat, N.W.T.

TOUR No. ONE

HUSKY OIL & REFINING LTD.
DRILLING RIG TOUR REPORT

TOUR No. TWO

Date March 4, 1958 (2)Name and No. of Rig Husky #19

TOUR No. THREE

DRILL PIPE							CASING DEPTH										
Drill Collar Stand and Bit Reamers, Core Barrel, etc.			251.68				Size O.D.			10 3/4"							
STANDS			5059.54				Depth of Shoe			588							
Singles							DEPTH OF HOLE										
Depth at Beginning of Tour							5289										
Footage Cored																	
Footage Drilled							63										
Kelly Down							40.40										
Total Pipe for Bottom							5351.62										
Depth at End of Tour							5352										
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.		Mud Additives							1 hr.		Mud Additives						
2 hr.					11.8	150	800		2 hr.								
3 hr.		Tanner 200 lb							3 hr.		Diesel Fuel 500 gal						
4 hr.		Cement 100 lb			11.8	90	800	WLS.2	4 hr.								
5 hr.		Diesel Fuel 100 gal							5 hr.								
6 hr.									6 hr.								
7 hr.									7 hr.								
8 hr.					11.9	60	800	WLS.2	8 hr.								

BITS USED					CORES TAKEN		
Size	Type	Serial No.	Footage This Tour	Total Footage	To	From	Recovery
9"	OSC	967	63	63			

BITS USED					CORES TAKEN		
Size	Type	Serial No.	Footage This Tour	Total Footage	To	From	Recovery
9"	OSC	967	30	93			

BITS USED					CORES TAKEN		
Size	Type	Serial No.	Footage This Tour	Total Footage	To	From	Recovery
9"	OSC	960	38	38			

Deviation		Survey taken at		Degrees off		Direction	
		5380		1 3/4			

CREW		TIME ANALYSIS	
Derrickman	Thue	DRILLING	1 1/2
Cathead	Stubel	CORING	
Fireman	Patch	REAMING	
Floorman	Finkis	CONDITIONING MUD	
Floorman		CIRCULATING	
Driller	Waindner	FISHING	
Tool Pusher	Madell	RUNNING DEVIATION	
Signature		RUNNING ELECTRIC LOG	
		WAITING ON CEMENT	
Gallons Fuel Used		OILING, GREASING	
Remarks:		SHUT DOWN REPAIRS	
TRIP TIME			1/2
TOTAL HOURS			8

CREW		TIME ANALYSIS	
Derrickman	Sperle	DRILLING	4 3/4
Cathead	Knorr	CORING	
Fireman	Johnson	REAMING	
Floorman	Thones	CONDITIONING MUD	
Floorman	Wagner	CIRCULATING	1/2
Driller	Harris	FISHING	1/4
Tool Pusher	Madell	RUNNING DEVIATION	
Signature		RUNNING ELECTRIC LOG	
		WAITING ON CEMENT	
Gallons Fuel Used		OILING, GREASING	1/4
Remarks:		SHUT DOWN REPAIRS	
TRIP TIME			2 1/4
TOTAL HOURS			8

CREW		TIME ANALYSIS	
Derrickman	Stubel	DRILLING	4
Cathead	Williams	CORING	
Fireman	Raid	REAMING	
Floorman		CONDITIONING MUD	
Floorman	Devel	CIRCULATING	
Driller	Derrough	FISHING	
Tool Pusher	Madell	RUNNING DEVIATION	
Signature		RUNNING ELECTRIC LOG	
		WAITING ON CEMENT	
Gallons Fuel Used		OILING, GREASING	1/4
Remarks:		SHUT DOWN REPAIRS	
TRIP TIME			3 3/4
TOTAL HOURS			8

12.00 - 12.30	Reaming tight hole to bottom
12.30 - 8.00	Drilling 9" hole

8.00 - 12.45	Drilling
12.45 - 1.00	Servicing rig
1.00 - 1.30	Circulating
1.30 - 1.45	Running deviation survey
1.45 - 4.00	Trip for new bit

4.00 - 4.15	Servicing rig
4.15 - 8.00	Trip for new bit and reaming tight hole
8.00 - 12.00	Drilling

BRIGGS TETCHO LAKE NO. 1

Name and No. of Well

Field Wildcat N.W.T.

TOUR No. ONE

HUSKY OIL & REFINING LTD.
DRILLING RIG TOUR REPORT

TOUR No. TWO

Date March 3, 1958 (20)Name and No. of Rig Husky #14

TOUR No. THREE

DRILL PIPE							CASING DEPTH																																		
TOUR No. ONE							TOUR No. TWO							TOUR No. THREE																											
Drill Collar Stand and Bit Reamers, Core Barrel, etc. <u>251.68</u> STANDS <u>4911.61</u> Kelly Down <u>40.40</u> Total Pipe for Bottom <u>5203.69</u>							Size O.D. <u>10 3/4"</u> Depth of Shoe <u>588</u> DEPTH OF HOLE Depth at Beginning of Tour <u>5117</u> Footage Cored Footage Drilled <u>87</u> Depth at End of Tour <u>5204</u>							Drill Collar Stand and Bit Reamers, Core Barrel, etc. <u>251.68</u> STANDS <u>4999.06</u> Kelly Down <u>38.40</u> Total Pipe for Bottom <u>5289.14</u>							Size O.D. <u>10 3/4"</u> Depth of Shoe <u>588</u> DEPTH OF HOLE Depth at Beginning of Tour <u>5204</u> Footage Cored Footage Drilled <u>85</u> Depth at End of Tour <u>5289</u>							Drill Collar Stand and Bit Reamers, Core Barrel, etc. <u>251.68</u> STANDS <u>4999.06</u> Kelly Down <u>38.40</u> Total Pipe for Bottom <u>5289.14</u>							Size O.D. <u>10 3/4"</u> Depth of Shoe <u>588</u> DEPTH OF HOLE Depth at Beginning of Tour <u>5289</u> Footage Cored Footage Drilled <u>0</u> Depth at End of Tour <u>5289</u>						
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.		<u>Mud Additives</u>								1 hr.		<u>Mud Additives</u>								1 hr.		<u>Mud Additives</u>																			
2 hr.										2 hr.										2 hr.																					
3 hr.		<u>Driscoll 25 lb.</u>							<u>WL.</u>	3 hr.		<u>Driscoll 50 lb</u>				<u>11.9</u>	<u>95</u>	<u>800</u>	<u>6.4</u>	3 hr.																					
4 hr.		<u>Tannal 100 lb</u>				<u>11.8</u>	<u>76</u>	<u>800</u>	<u>5.9</u>	4 hr.										4 hr.																					
5 hr.		<u>Quartz 50 lb</u>				<u>11.8</u>	<u>86</u>	<u>800</u>		5 hr.										5 hr.																					
6 hr.						<u>11.8</u>	<u>83</u>	<u>800</u>		6 hr.						<u>11.9</u>	<u>150</u>	<u>800</u>	<u>6.0</u>	6 hr.																					
7 hr.										7 hr.										7 hr.																					
8 hr.						<u>11.8</u>	<u>95</u>	<u>800</u>	<u>5.8</u>	8 hr.								<u>800</u>	<u>WL. 6.0</u>	8 hr.																					
BITS USED										BITS USED										BITS USED																					
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														
9"	YT1	Y8732	87	87						9"	YT1	Y8732	85	172						9"	OSC	967	-	-																	
Deviation Survey taken at _____ Degrees off _____ Direction _____										Deviation Survey taken at _____ Degrees off _____ Direction _____										Deviation Survey taken at _____ Degrees off _____ Direction _____																					
CREW										CREW										CREW																					
Derrickman	<u>Thurs</u>									Derrickman	<u>Spaul</u>									Derrickman	<u>Stabel</u>																				
Cathead	<u>Stabel</u>									Cathead	<u>Know</u>									Cathead	<u>Williams</u>																				
Fireman	<u>Petch</u>									Fireman	<u>Atherton</u>									Fireman	<u>Raid</u>																				
Floorman	<u>Finken</u>									Floorman	<u>Thomas</u>									Floorman	<u>Osach</u>																				
Floorman										Floorman	<u>Wagner</u>									Floorman	<u>Dorough</u>																				
Driller	<u>Wendland</u>									Driller	<u>Harris</u>									Driller																					
Tool Pusher	<u>Medell</u> Signature _____									Tool Pusher	<u>Medell</u> Signature _____									Tool Pusher	<u>Medell</u> Signature _____																				
Gallons Fuel Used										Gallons Fuel Used										Gallons Fuel Used																					
Remarks:										Remarks:										Remarks:																					
TRIP TIME										TRIP TIME										TRIP TIME																					
TOTAL HOURS										TOTAL HOURS										TOTAL HOURS																					
12.00 - 2.00 Running in hole and reaming tight hole to bottom										8.00 - 8.15 Servicing rig										4.00 - 5.00 Circulating																					
2.00 - 8.00 Drilling 9" hole										8.15 - 12.45 Drilling										5.00 - 5.15 Run deviation survey																					
										12.45 - 1.30 Working on pump										5.15 - 10.15 Trip for new bit - Reaming tight hole																					
										1.30 - 3.30 Drilling										10.15 - 12.00 Changed head and rod on pump																					
										3.30 - 4.00 Working on pump																															

Name and No. of Well **BRIGGS TETCHO LAKE NO. 1**Field **W. Idaho N.W.T.**

TOUR No. ONE

HUSKY OIL & REFINING LTD.
DRILLING RIG TOUR REPORT

TOUR No. TWO

Date **March 2, 1958**

(29)

Name and No. of Rig **Husky #14**
TOUR No. THREE

DRILL PIPE		CASING DEPTH					
Drill Collar Stand and Bit Reamers, Core Barrel, etc.	251.68	Size O.D.	10 3/4"				
STANDS	4708.26	Depth of Shoe	588				
Singles		DEPTH OF HOLE					
Kelly Down		Depth at Beginning of Tour	4975				
Total Pipe for Bottom		Footage Cored					
		Footage Drilled	10				
		Depth at End of Tour	4985				
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.							
2 hr.							
3 hr.							
4 hr.							
5 hr.							
6 hr.							
7 hr.							
8 hr.							

BITS USED					CORES TAKEN		
Size	Type	Serial No.	Footage This Tour	Total Footage	To	From	Recovery
9"	M4N	272023	10	10			

Deviation Survey taken at _____ Degrees off _____ Direction _____

CREW		TIME ANALYSIS	
Derrickman	<i>T. Bue</i>	DRILLING	1
Cathead	<i>Stubel</i>	CORING	
Fireman	<i>Pitch</i>	REAMING	
Floorman	<i>Finken</i>	CONDITIONING MUD	
Floorman		CIRCULATING	
Driller	<i>Weishaar</i>	FISHING	
Tool Pusher	<i>Madill</i> Signature	RUNNING DEVIATION	
Gallons Fuel Used		RUNNING ELECTRIC LOG	
Remarks:		WAITING ON CEMENT	
		OILING, GREASING	
		SHUT DOWN REPAIRS	1 3/4
		CUT + SLIP DRILLING LINE	1
		TRIP TIME	4 1/4
		TOTAL HOURS	8

12.00 - 2.00 Finished pulling out of hole
 2.00 - 3.00 Cut and stopped drilling line
 3.00 - 5.15 Ran in hole and reamed to bottom
 5.15 - 5.30 Drilling
 5.30 - 6.45 Replacing water pump
 6.45 - 7.30 Drilling
 7.30 - 8.00 Replacing mud pump

DRILL PIPE		CASING DEPTH					
Drill Collar Stand and Bit Reamers, Core Barrel, etc.	251.68	Size O.D.	10 3/4"				
STANDS	4195.43	Depth of Shoe	588				
		DEPTH OF HOLE					
Singles		Depth at Beginning of Tour	4985				
Kelly Down	30.89	Footage Cored					
Total Pipe for Bottom	5078.00	Footage Drilled	93				
		Depth at End of Tour	5078				
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.							W.L.
2 hr.							
3 hr.				11.8	75	800	5.2
4 hr.							
5 hr.							
6 hr.							
7 hr.							
8 hr.				11.8	76	750	5.6

BITS USED					CORES TAKEN		
Size	Type	Serial No.	Footage This Tour	Total Footage	To	From	Recovery
9"	M4N	272023	93	103			

Deviation Survey taken at _____ Degrees off _____ Direction _____

CREW		TIME ANALYSIS	
Derrickman	<i>Spele</i>	DRILLING	7 1/2
Cathead	<i>Knorr</i>	CORING	
Fireman	<i>Atherton</i>	REAMING	
Floorman	<i>Thomas</i>	CONDITIONING MUD	
Floorman	<i>Wagner</i>	CIRCULATING	
Driller	<i>Hobbs</i>	FISHING	
Tool Pusher	<i>Madill</i> Signature	RUNNING DEVIATION	
Gallons Fuel Used		RUNNING ELECTRIC LOG	
Remarks:		WAITING ON CEMENT	
		OILING, GREASING	1/2
		SHUT DOWN REPAIRS	1/4
		TRIP TIME	
		TOTAL HOURS	8

8.00 - 8.15 Servicing rig
 8.15 - 3.45 Drilling
 3.45 - 4.00 Working on pump

CON. NO. THREE

DRILL PIPE		CASING DEPTH					
Drill Collar Stand and Bit Reamers, Core Barrel, etc.	251.68	Size O.D.	10 3/4"				
STANDS	4824.93	Depth of Shoe	588				
Singles		DEPTH OF HOLE					
		Depth at Beginning of Tour	5078				
Kelly Down	90.40	Footage Cored					
Total Pipe for Bottom	5117.01	Footage Drilled	39				
		Depth at End of Tour	5117				
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.							
2 hr.							
3 hr.							
4 hr.				11.7	67		W46.0
5 hr.							
6 hr.							
7 hr.							
8 hr.							

BITS USED					CORES TAKEN		
Size	Type	Serial No.	Footage This Tour	Total Footage	To	From	Recovery
9"	M4N	272023	39	142			

Deviation Survey taken at _____ Degrees off _____ Direction _____

CREW		TIME ANALYSIS	
Derrickman	<i>Stubel</i>	DRILLING	3 1/2
Cathead	<i>Williams</i>	CORING	
Fireman	<i>Raid</i>	REAMING	
Floorman		CONDITIONING MUD	
Floorman	<i>Geach</i>	CIRCULATING	
Driller	<i>Derregh</i>	FISHING	
Tool Pusher	<i>Madill</i> Signature	RUNNING DEVIATION	
Gallons Fuel Used		RUNNING ELECTRIC LOG	
Remarks:		WAITING ON CEMENT	
		OILING, GREASING	1/4
		SHUT DOWN REPAIRS	2 1/4
		TRIP TIME	
		TOTAL HOURS	8

4.00 - 4.15 Servicing rig
 4.15 - 4.45 Working on pump
 4.45 - 5.30 Drilling
 5.30 - 5.45 Working on pump
 5.45 - 8.30 Drilling
 8.30 - 10.30 Pulling out of hole for new bit
 10.30 - 12.00 Working on pump

Name and No. of Well **BRIGGS TETCHO LAKE NO. 1**Field **Wildcat N.W.T.**

TOUR No. ONE

HUSKY OIL & REFINING LTD.
DRILLING RIG TOUR REPORT

TOUR No. TWO

Date **March 14 1958** (28)Name and No. of Rig **Husky # 14**

TOUR No. THREE

DRILL PIPE				CASING DEPTH				DRILL PIPE				CASING DEPTH				DRILL PIPE				CASING DEPTH			
Drill Collar Stand and Bit Reamers, Core Barrel, etc.				Size O.D. 10 3/4"				Drill Collar Stand and Bit Reamers, Core Barrel, etc.				Size O.D. 10 3/4"				Drill Collar Stand and Bit Reamers, Core Barrel, etc.				Size O.D. 10 3/4"			
STANDS 4506.29				Depth of Shoe 588				STANDS 4593.36				Depth of Shoe 588				STANDS 4708.26				Depth of Shoe 588			
DEPTH OF HOLE				DEPTH OF HOLE				DEPTH OF HOLE				DEPTH OF HOLE				DEPTH OF HOLE							
Singles				Depth at Beginning of Tour 4715				Singles				Depth at Beginning of Tour 4790				Singles				Depth at Beginning of Tour 4870			
Footage Cored				Footage Drilled 75				Footage Cored				Footage Drilled 80				Footage Cored				Footage Drilled 105			
Kelly Down 32.05				Depth at End of Tour 4790				Kelly Down 24.96				Depth at End of Tour 4870				Kelly Down 15.06				Depth at End of Tour 4975			
Total Pipe for Bottom 4790.00								Total Pipe for Bottom 4870.00								Total Pipe for Bottom 4975.00							
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.								1 hr.		Mud Additives						1 hr.							
2 hr.				11.9	67		W.L. 5.4	2 hr.								2 hr.				11.6	63	800	
3 hr.								3 hr.		Tannex 50 lb		11.9	120	800	W.L. 5.4	3 hr.							W.L. 4.8
4 hr.								4 hr.		Canasta 25 lb						4 hr.							
5 hr.				11.8	96		5.4	5 hr.								5 hr.							
6 hr.								6 hr.								6 hr.							
7 hr.								7 hr.				11.9	95	800		7 hr.				11.8	62	800	
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
9"	YTI	Y87367	75	208				9"	YTI	Y87319	80	80				9"	YTI	Y87319	105	185			
Deviation Survey taken at 4760 Degrees off 2° Direction 				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	Stabel			DRILLING	5 1/2			Derrickman	Thine			DRILLING	4 1/2			Derrickman	Speers			DRILLING	5 1/2		
Cathead	Williams			CORING				Cathead	Stabel			CORING				Cathead	Knows			CORING			
Fireman	Reid			REAMING				Fireman	Patch			REAMING				Fireman	Adkinson			REAMING			
Floorman				CONDITIONING MUD				Floorman	Wagner			CONDITIONING MUD				Floorman	Thorne			CONDITIONING MUD			
Floorman	Dasch			CIRCULATING				Floorman	Finkas			CIRCULATING				Floorman				CIRCULATING	1/2		
Driller	Barnard			FISHING				Driller	Weishaar			FISHING				Driller	Harris			FISHING			
Tool Pusher	Madill Signature			RUNNING DEVIATION	1/4			Tool Pusher	Madill Signature			RUNNING DEVIATION				Tool Pusher	Madill Signature			RUNNING DEVIATION			
Gallons Fuel Used				RUNNING ELECTRIC LOG				Gallons Fuel Used				RUNNING ELECTRIC LOG				Gallons Fuel Used				RUNNING ELECTRIC LOG			
Remarks:				WAITING ON CEMENT				Remarks:				WAITING ON CEMENT				Remarks:				WAITING ON CEMENT			
				OILING, GREASING								OILING, GREASING	1/4							OILING, GREASING	1/4		
				SHUT DOWN REPAIRS	1/2							SHUT DOWN REPAIRS	1 1/4							SHUT DOWN REPAIRS	3/4		
				TRIP TIME	1 3/4							TRIP TIME	2 1/4							TRIP TIME	1		
				TOTAL HOURS	8							TOTAL HOURS	8							TOTAL HOURS	8		
12.00 - 3.30 Drilling				8.00 - 8.15 Servicing rig				4.00 - 4.15 Servicing rig				4.15 - 9.15 Drilling				9.15 - 10.00 Working on pump				10.00 - 10.30 Drilling			
3.30 - 4.00 Working on mud pump				8.15 - 10.30 Finished trip for new bit				4.15 - 9.15 Drilling				9.15 - 10.00 Working on pump				10.30 - 11.00 Circulating sample				11.00 - 12.00 Trip to change bit			
4.00 - 6.00 Drilling				10.30 - 11.00 Drilling				4.15 - 9.15 Drilling				9.15 - 10.00 Working on pump				10.30 - 11.00 Circulating sample				11.00 - 12.00 Trip to change bit			
6.00 - 6.15 Running deviation survey				11.00 - 12.15 Repairing pump				4.15 - 9.15 Drilling				9.15 - 10.00 Working on pump				10.30 - 11.00 Circulating sample				11.00 - 12.00 Trip to change bit			
6.15 - 8.00 Trip for new bit				12.15 - 4.00 Drilling				4.15 - 9.15 Drilling				9.15 - 10.00 Working on pump				10.30 - 11.00 Circulating sample				11.00 - 12.00 Trip to change bit			

Name and No. of Well **BRIGGS TETCHO LAKE NO. 1**Field **Wildcat N.W.T.**

TOUR No. ONE

HUSKY OIL & REFINING LTD.
DRILLING RIG TOUR REPORT

TOUR No. TWO

Date **February 28, 1958** (27)Name and No. of Rig **Husky # 24**

TOUR No. THREE

DRILL PIPE						CASING DEPTH					
9 Drill Collar Stand and Bit Reamers, Core Barrel, etc. 251.68						Size O.D. 10 3/4"					
48 STANDS 4272.78						Depth of Shoe 588					
2 Singles						DEPTH OF HOLE					
Kelly Down 15.54						Depth at Beginning of Tour 4459					
Total Pipe for Bottom 4540.00						Footage Cored					
						Footage Drilled 81					
						Depth at End of Tour 4540					
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.		Mud Additives									
2 hr.						55					
3 hr.		Tanner 100 #			11.4	55		W.L. 60			
4 hr.		Cement 50 #				56					
5 hr.		Driacore 25 #			11.3	57		6.0			
6 hr.						57					
7 hr.					11.4	61		5.4			
8 hr.											

DRILL PIPE						CASING DEPTH					
9 Drill Collar Stand and Bit Reamers, Core Barrel, etc. 251.68						Size O.D. 10 3/4"					
STANDS 4301.31						Depth of Shoe 588					
Singles						DEPTH OF HOLE					
Kelly Down 40.40						Depth at Beginning of Tour 4540					
Total Pipe for Bottom 4593.39						Footage Cored					
						Footage Drilled 53					
						Depth at End of Tour 4593					
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.		Mud Additives			11.4	55		W.L. 5.8			
2 hr.											
3 hr.		Tanner 100 lb									
4 hr.		Cement 50 lb									
5 hr.											
6 hr.											
7 hr.											
8 hr.					11.4	72					

DRILL PIPE						CASING DEPTH					
9 Drill Collar Stand and Bit Reamers, Core Barrel, etc. 251.68						Size O.D. 10 3/4"					
STANDS 4447.61						Depth of Shoe 588					
Singles						DEPTH OF HOLE					
Kelly Down 15.71						Depth at Beginning of Tour 4593					
Total Pipe for Bottom 4715.00						Footage Cored					
						Footage Drilled 122					
						Depth at End of Tour 4715					
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.		Mud Additives									
2 hr.											
3 hr.		Gel 1000 lb									W.L.
4 hr.		Driacore 25 lb			11.9	60	750	5.0			
5 hr.											
6 hr.											
7 hr.					11.8	95	950	4.8			
8 hr.											

BITS USED					CORES TAKEN				
Size	Type	Serial No.	Footage This Tour	Total Footage	To	From	Recovery		
9"	S4	282265	81	206					

BITS USED					CORES TAKEN				
Size	Type	Serial No.	Footage This Tour	Total Footage	To	From	Recovery		
9"	S4	282265	42	248					
9"	YT1	Y87367	11	11					

BITS USED					CORES TAKEN				
Size	Type	Serial No.	Footage This Tour	Total Footage	To	From	Recovery		
9"	YT1	Y87367	122	133					

CREW			TIME ANALYSIS		
Derrickman	Stibel		DRILLING		6 1/2
Cathead	Williams		CORING		
Fireman	Reid		REAMING		
Floorman			CONDITIONING MUD		
Floorman	Deach		CIRCULATING		
Driller	Darragh		FISHING		
Tool Pusher	Madill	Signature	RUNNING DEVIATION		
Gallons Fuel Used			RUNNING ELECTRIC LOG		
Remarks:			WAITING ON CEMENT		
			OILING, GREASING		1/4
			SHUT DOWN REPAIRS		1 1/2
			TRIP TIME		
			TOTAL HOURS		8

CREW			TIME ANALYSIS		
Derrickman	Thine		DRILLING		3
Cathead	Stibel		CORING		
Fireman	Patch		REAMING		
Floorman	Wagner		CONDITIONING MUD		
Floorman	Finkler		CIRCULATING		
Driller	Weidman		FISHING		
Tool Pusher	Madill	Signature	RUNNING DEVIATION		
Gallons Fuel Used			RUNNING ELECTRIC LOG		
Remarks:			WAITING ON CEMENT		
			OILING, GREASING		1/4
			SHUT DOWN REPAIRS		1/2
			TRIP TIME		4 1/4
			TOTAL HOURS		8

CREW			TIME ANALYSIS		
Derrickman	Sparks		DRILLING		7 1/2
Cathead	Koss		CORING		
Fireman	Atkinson		REAMING		
Floorman			CONDITIONING MUD		
Floorman	Thomas		CIRCULATING		
Driller	Harrie		FISHING		
Tool Pusher	Madill	Signature	RUNNING DEVIATION		
Gallons Fuel Used			RUNNING ELECTRIC LOG		
Remarks:			WAITING ON CEMENT		
			OILING, GREASING		1/4
			SHUT DOWN REPAIRS		1/4
			TRIP TIME		
			TOTAL HOURS		8

TOUR No. ONE	
12.00 - 12.15	Switching rig
12.15 - 1.15	Working on mud pump
1.15 - 2.30	Drilling
2.30 - 2.45	Cleaning screen on mud pump
2.45 - 5.00	Drilling
5.00 - 5.15	Cleaning screen on mud pump
5.15 - 8.00	Drilling

TOUR No. TWO	
8.00 - 8.15	Switching rig
8.15 - 10.30	Drilling
10.30 - 2.45	Trip for new bit - Reamed to bottom
2.45 - 3.30	Drilling
3.30 - 4.00	Repairing air line

TOUR No. THREE	
4.00 - 4.15	Switching rig
4.15 - 5.45	Drilling
5.45 - 6.00	Cleaning screen on pump
6.00 - 12.00	Drilling

Name and No. of Well

Field Wildcat N.W.T.

TOUR No. ONE

HUSKY OIL & REFINING LTD. DRILLING RIG TOUR REPORT

TOUR No. TWO

Date February 27, 1958

Name and No. of Rig Husky # 14.

TOUR No. THREE

TOOK NO. 01																															
DRILL PIPE				CASING DEPTH				DRILL PIPE				CASING DEPTH				DRILL PIPE				CASING DEPTH											
Drill Collar Stand and Bit Reamers, Core Barrel, etc.				Size O.D. 10 3/4"				Drill Collar Stand and Bit Reamers, Core Barrel, etc.				Size O.D. 10 3/4"				Drill Collar Stand and Bit Reamers, Core Barrel, etc.				Size O.D. 10 3/4"											
STANDS 4041.47				Depth of Shoe 588				STANDS 4098.45				Depth of Shoe 588				STANDS 4185.55				Depth of Shoe 588											
DEPTH OF HOLE				DEPTH OF HOLE				DEPTH OF HOLE				DEPTH OF HOLE				DEPTH OF HOLE															
Singles				Depth at Beginning of Tour 4295				Singles				Depth at Beginning of Tour 4334				Singles				Depth at Beginning of Tour 4375											
Footage Cored				Footage Drilled 39				Footage Cored				Footage Drilled 41				Footage Cored				Footage Drilled 84											
Kelly Down 40.40				Footage Drilled 39				Kelly Down 24.87				Footage Drilled 41				Kelly Down 21.77				Footage Drilled 84											
Total Pipe for Bottom 4333.55				Depth at End of Tour 4334				Total Pipe for Bottom 4375.00				Depth at End of Tour 4375				Total Pipe for Bottom 4459.00				Depth at End of Tour 4459											
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.		Mud Additives							1 hr.		Mud Additives								1 hr.		Mud Additives										
2 hr.									2 hr.										2 hr.												
3 hr.		Driose 50 #			11.4	42		WL 7.0	3 hr.		Tanner 100 lb								3 hr.		Driose 25 lb										
4 hr.									4 hr.										4 hr.												
5 hr.									5 hr.										5 hr.												
6 hr.									6 hr.					11.5	57		WL 5.8		6 hr.												
7 hr.									7 hr.										7 hr.												
8 hr.									8 hr.										8 hr.					11.6	65	750	WL 6.0				
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								
9"	S4	28226	39	207				9"	S4	28226	41	41					9"	S4	28226	84	125										
Deviation				Survey taken at				Degrees off				Direction				Deviation				Survey taken at				Degrees off				Direction			
CREW				TIME ANALYSIS				CREW				TIME ANALYSIS				CREW				TIME ANALYSIS											
Derrickman	Stabel					3	DRILLING	Derrickman	Thue					2 3/4	DRILLING	Derrickman	Sparle					5 3/4	DRILLING								
Cathead	Williams						CORING	Cathead	Stabel						CORING	Cathead	Knowl						CORING								
Fireman	Reid						REAMING	Fireman							REAMING	Fireman	Atkinson						REAMING								
Floorman							CONDITIONING MUD	Floorman	Finkis						CONDITIONING MUD	Floorman							CONDITIONING MUD								
Floorman	Oesch						CIRCULATING	Floorman	Wagner						CIRCULATING	Floorman	Thomas						CIRCULATING								
Driller	Derrough						FISHING	Driller	Wardlaw						FISHING	Driller	Harris						FISHING								
Tool Pusher	Madill						RUNNING DEVIATION	Tool Pusher	Madill						RUNNING DEVIATION	Tool Pusher	Madill						RUNNING DEVIATION								
Gallons Fuel Used				SIGNATURE				Gallons Fuel Used				SIGNATURE				Gallons Fuel Used				SIGNATURE											
Remarks:				SHUT DOWN REPAIRS 3 1/4				Remarks:				SHUT DOWN REPAIRS 1 1/2				Remarks:				SHUT DOWN REPAIRS 2											
TRIP TIME				1 3/4				TRIP TIME				3 3/4				TRIP TIME				8											
TOTAL HOURS				8				TOTAL HOURS				8				TOTAL HOURS				8											
12.00 - 12.45 Drilling				8.00 - 11.45 Finished making trip - Reamed to bottom				4.00 - 4.45 Drilling				4.00 - 4.45 Drilling																			
12.45 - 4.00 Repairing air lines on drawworks				11.45 - 12.00 Repairing pump				4.45 - 5.00 Servicing rig				4.45 - 5.00 Servicing rig																			
4.00 - 6.15 Drilling				12.00 - 12.30 Drilling				5.00 - 6.00 Drilling				5.00 - 6.00 Drilling																			
6.15 - 8.00 Trip for new bit.				12.30 - 12.45 Cleaning screen on pump																											

Name and No. of Well Buiegs Patch Lake 1
 Field W. of Lake N.W.T.

HUSKY OIL & REFINING LTD. DRILLING RIG TOUR REPORT TOUR No. ONE

 Date February 26 1958 (25)
 Name and No. of Rig Husky #17

TOUR No. THREE

TOUR No. ONE										TOUR No. TWO										TOUR No. THREE																																																						
DRILL PIPE					CASING DEPTH					DRILL PIPE					CASING DEPTH					DRILL PIPE					CASING DEPTH																																																	
Drill Collar Stand and Bit Reamers, Core Barrel, etc.					Size O.D. <u>10 3/4"</u>					Drill Collar Stand and Bit Reamers, Core Barrel, etc.					Size O.D. <u>10 3/4"</u>					Drill Collar Stand and Bit Reamers, Core Barrel, etc.					Size O.D. <u>10 3/4"</u>																																																	
STANDS					Depth of Shoe <u>588'</u>					STANDS					Depth of Shoe <u>588'</u>					STANDS					Depth of Shoe <u>588'</u>																																																	
DEPTH OF HOLE										DEPTH OF HOLE										DEPTH OF HOLE																																																						
Singles					Depth at Beginning of Tour <u>4190</u>					Singles					Depth at Beginning of Tour <u>4248</u>					Singles					Depth at Beginning of Tour <u>4257</u>																																																	
Footage Cored										Footage Cored										Footage Cored																																																						
Kelly Down					Footage Drilled <u>58</u>					Kelly Down					Footage Drilled <u>9</u>					Kelly Down					Footage Drilled <u>38</u>																																																	
Total Pipe for Bottom					Depth at End of Tour <u>4248</u>					Total Pipe for Bottom					Depth at End of Tour <u>4257</u>					Total Pipe for Bottom					Depth at End of Tour <u>4295</u>																																																	
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.								800		1 hr.		<u>Mud Additives</u>									1 hr.		<u>Mud Additives</u>																																																			
2 hr.						11.7	96	800		2 hr.						11.7	120	700	W.L.S.4		2 hr.																																																					
3 hr.								800		3 hr.		<u>Tanner 100 #</u>								3 hr.		<u>Dinacore 50 #</u>																																																				
4 hr.								800		4 hr.		<u>Paratec 50 #</u>								4 hr.																																																						
5 hr.							120	800	W.L.S.4	5 hr.		<u>Lost Circ. Material</u>								5 hr.																																																						
6 hr.										6 hr.		<u>Gal. Pads 250 #</u>								6 hr.						11.2	70	700	W.L.S.8																																													
7 hr.										7 hr.		<u>Sandust 105 #</u>								7 hr.																																																						
8 hr.										8 hr.										8 hr.																																																						
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																																															
9"	S4	282290	58	121						9"	S4	282290	9	130						9"	S4	282290	38	168																																																		
Deviation										Survey taken at										Deviation										Survey taken at																																												
Degrees off										Direction										Degrees off										Direction																																												
CREW										TIME ANALYSIS										CREW										TIME ANALYSIS																																												
Derrickman					<u>Stabel</u>					DRILLING					3 3/4					Derrickman					<u>True</u>					DRILLING					3/4					Derrickman					<u>Spauls</u>					DRILLING					3																			
Cathead					<u>Williams</u>					CORING										Cathead					<u>Stabel</u>					CORING										Cathead					<u>Knorr</u>					CORING																								
Fireman					<u>Wagner</u>					REAMING										Fireman										REAMING										Fireman					<u>Atherton</u>					REAMING																								
Floorman										CONDITIONING MUD					3					Floorman					<u>Finkas</u>					CONDITIONING MUD					1					Floorman					<u>Thomas</u>					CONDITIONING MUD					2																			
Floorman										CIRCULATING										Floorman										CIRCULATING										Floorman					<u>Harris</u>					CIRCULATING																								
Driller					<u>Derrough</u>					FISHING										Driller					<u>Wandelaar</u>					FISHING										Driller										FISHING																								
Tool Pusher					<u>Madril</u> Signature					RUNNING DEVIATION										Tool Pusher					<u>Madril</u> Signature					RUNNING DEVIATION										Tool Pusher					<u>Madril</u> Signature					RUNNING DEVIATION																								
Gallons Fuel Used										RUNNING ELECTRIC LOG										Gallons Fuel Used										RUNNING ELECTRIC LOG										Gallons Fuel Used										RUNNING ELECTRIC LOG																								
Remarks:										WAITING ON CEMENT										Remarks:										WAITING ON CEMENT										Remarks:										WAITING ON CEMENT																								
										OILING, GREASING																				OILING, GREASING																				OILING, GREASING																								
										SHUT DOWN REPAIRS																									SHUT DOWN REPAIRS																				SHUT DOWN REPAIRS																			
										TRIP TIME																														TRIP TIME																				TRIP TIME														
										TOTAL HOURS					8																														TOTAL HOURS					8															TOTAL HOURS					8				
12.00 - 1.00 <u>Drilling</u>										8.00 - 8.15 <u>Servicing rig</u>										4.00 - 6.00 <u>Conditioning mud</u>																																																						
1.00 - 1.30 <u>Working on mud pump</u>										8.15 - 9.05 <u>Conditioning mud and getting pits.</u>										6.00 - 9.00 <u>Put new leads in pump and changed intermediate rod</u>																																																						
1.30 - 2.00 <u>Drilling</u>										9.15 - 10.00 <u>Drilling</u>										9.00 - 12.00 <u>Drilling</u>																																																						
2.00 - 2.30 <u>Working on mud pump</u>										10.00 - 1.00 <u>B.O.P. closed by mistake and not noticed. No mud circulation mixed but circulation material</u>																																																																
2.30 - 4.45 <u>Drilling</u>										1.00 - 4.00 <u>Changed shale shaker screen</u>																																																																
4.45 - 8.00 <u>Working on pump and conditioning mud</u>																																																																										

Name and No. of Well Briggs Tatcho Lake No 1
Field Wildcat N.W.T.

HUSKY OIL & REFINING LTD. DRILLING RIG TOUR REPORT

Date February 25, 1958 (24)
Name and No. of Rig Husky # 14

TOUR No. ONE

TOUR No. TWO

TOUR No. THREE

DRILL PIPE							CASING DEPTH							DRILL PIPE							CASING DEPTH							DRILL PIPE							CASING DEPTH																											
9 Drill Collar Stand and Bit Reamers, Core Barrel, etc.							251.68							Size O.D. 10 3/4"							9 Drill Collar Stand and Bit Reamers, Core Barrel, etc.							251.68							Size O.D. 10 3/4"							9 Drill Collar Stand and Bit Reamers, Core Barrel, etc.							251.68							Size O.D. 10 3/4"						
43 STANDS							3777.43							Depth of Shoe 588							43 STANDS							3835.34							Depth of Shoe 588							STANDS							3923.65							Depth of Shoe 588'						
DEPTH OF HOLE							DEPTH OF HOLE							DEPTH OF HOLE							DEPTH OF HOLE							DEPTH OF HOLE							DEPTH OF HOLE																											
Singles							Depth at Beginning of Tour 3960							2 Singles							Depth at Beginning of Tour 4050							Singles							Depth at Beginning of Tour 4127							Singles							Depth at Beginning of Tour 4127													
Footage Cored														Footage Cored														Footage Cored														Footage Cored																				
Kelly Down 20.89							Footage Drilled 90							Kelly Down 40.40							Footage Drilled 77							Kelly Down 14.67							Footage Drilled 63							Kelly Down 14.67							Footage Drilled 63													
Total Pipe for Bottom 4050.00							Depth at End of Tour 4050							Total Pipe for Bottom 4127.42							Depth at End of Tour 4127							Total Pipe for Bottom 4190.00							Depth at End of Tour 4190							Total Pipe for Bottom 4190.00							Depth at End of Tour 4190													
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.		Mud Additive										1 hr.												1 hr.		Mud Additive																																				
2 hr.							11.5	77			WL 5.2	2 hr.												2 hr.																																						
3 hr.		Gel 500 #										3 hr.												3 hr.		Tanner 200 lb.																																				
4 hr.									80		5.0	4 hr.							11.6	76			5.0	4 hr.		Caustic 75 lb																																				
5 hr.												5 hr.							11.6	66			5.6	5 hr.							11.8	65	800	WL 5.0																												
6 hr.												6 hr.												6 hr.										800																												
7 hr.												7 hr.												7 hr.							11.9	92	800	WL 5.0																												
8 hr.												8 hr.												8 hr.										800																												

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		
9"	S-4	280422	90	126						9"	S-4	280422	77	203						9"	S-4	28220	63	63					

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	Stubel	DRILLING	7 3/4	Derrickman	True	DRILLING	6 1/2	Derrickman	Spauls	DRILLING	3 3/4
Cathead	Williams	CORING		Cathead	Stubel	CORING		Cathead	Know	CORING	
Fireman		REAMING		Fireman		REAMING		Fireman	Atherton	REAMING	
Floorman	Wagner	CONDITIONING MUD		Floorman	Finkas	CONDITIONING MUD		Floorman	Thomas	CONDITIONING MUD	
Floorman	Deach	CIRCULATING		Floorman		CIRCULATING		Floorman	Harris	CIRCULATING	
Driller	Derrough	FISHING		Driller	Waislean	FISHING		Driller		FISHING	
Tool Pusher	Madell	RUNNING DEVIATION		Tool Pusher		RUNNING DEVIATION		Tool Pusher	Madell	RUNNING DEVIATION	
	Signature	RUNNING ELECTRIC LOG			Signature	RUNNING ELECTRIC LOG			Signature	RUNNING ELECTRIC LOG	
		WAITING ON CEMENT				WAITING ON CEMENT				WAITING ON CEMENT	
Gallons Fuel Used		OILING, GREASING		Gallons Fuel Used		OILING, GREASING	1/4	Gallons Fuel Used		OILING, GREASING	1/4
Remarks:		SHUT DOWN REPAIRS	1/4	Remarks:		SHUT DOWN REPAIRS	1 1/4	Remarks:		SHUT DOWN REPAIRS	1/4
		TRIP TIME				TRIP TIME				TRIP TIME	
		TOTAL HOURS	8			TOTAL HOURS	8			TOTAL HOURS	8

12.00 - 6.15	Drilling	8.00 - 8.15	Servicing rig	4.00 - 4.30	Servicing rig - Pressured up to 500 lb.
6.15 - 6.30	Working on mud pump	8.15 - 9.30	Thawing out fuel lines	4.30 - 8.15	Trip for new bit
6.30 - 8.00	Drilling	9.30 - 4.00	Drilling	8.15 - 12.00	Drilling.

Name and No. of Well Bugs Totah Lake No. 1
Field Wildcat N.W.T.

HUSKY OIL & REFINING LTD. DRILLING RIG TOUR REPORT TOUR No. TWO

Date February 24, 1958 (23)
Name and No. of Rig Husky #14

TOUR No. THREE

TOUR No. ONE										TOUR No. TWO										TOUR No. THREE											
DRILL PIPE					CASING DEPTH					DRILL PIPE					CASING DEPTH					DRILL PIPE					CASING DEPTH						
9 Drill Collar Stand and Bit Reamers, Core Barrel, etc. 251.68					Size O.D. 10 3/4"					9 Drill Collar Stand and Bit Reamers, Core Barrel, etc. 251.68					Size O.D. 10 3/4"					9 Drill Collar Stand and Bit Reamers, Core Barrel, etc. 251.68					Size O.D. 10 3/4"						
STANDS 3602.99					Depth of Shoe 588					STANDS 3631.61					Depth of Shoe 588					STANDS 3689.73					Depth of Shoe 588						
DEPTH OF HOLE										DEPTH OF HOLE										DEPTH OF HOLE											
Singles					Depth at Beginning of Tour 3770					Singles					Depth at Beginning of Tour 3874					Singles					Depth at Beginning of Tour 3924						
					Footage Cored										Footage Cored										Footage Cored						
Kelly Down 19.00					Footage Drilled 104					Kelly Down 40.40					Footage Drilled 50					Kelly Down 18.59					Footage Drilled 36						
Total Pipe for Bottom 3873.67					Depth at End of Tour 3874					Total Pipe for Bottom 3923.69					Depth at End of Tour 3924					Total Pipe for Bottom 3960.00					Depth at End of Tour 3960						
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.		Mud Additive						1 hr.				11.4	60	800	WL 5.0		1 hr.														
2 hr.				11.2	45		WL 5.4	2 hr.									2 hr.														
3 hr.		Tanner 50#						3 hr.				11.4	60	800			3 hr.														
4 hr.								4 hr.				11.4	62	800			4 hr.														
5 hr.				11.2	54		5.2	5 hr.									5 hr.														
6 hr.								6 hr.									6 hr.														
7 hr.								7 hr.									7 hr.			11.3	96	800	WL 5								
8 hr.								8 hr.									8 hr.														
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								
9"	YTL	Y86840	104	149				9"	YTL	Y86840	50	199					9"	S4	280422	36	36										
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	Stabel			7 3/4	Derrickman	Thue		3 3/4	Derrickman	Spule			1 3/4																		
Cathead	Williams				Cathead	Stabel			Cathead	Karr																					
Fireman					Fireman				Fireman	Atherton																					
Floorman	Wagner				Floorman	Finke			Floorman	Thomas																					
Floorman	Desch				Floorman				Floorman																						
Driller	Derrough				Driller	Weisker			Driller	Harris																					
Tool Pusher Madill Signature _____				Tool Pusher Madill Signature _____				Tool Pusher Madill Signature _____				Tool Pusher Madill Signature _____																			
Gallons Fuel Used _____				Gallons Fuel Used _____				Gallons Fuel Used _____				Gallons Fuel Used _____																			
Remarks: _____				Remarks: _____				Remarks: _____				Remarks: _____																			
TRIP TIME _____				TRIP TIME _____				TRIP TIME _____				TRIP TIME _____																			
TOTAL HOURS _____				TOTAL HOURS _____				TOTAL HOURS _____				TOTAL HOURS _____																			
12.00 - 1.00 Drilling				8.00 - 9.30 Drilling				4.00 - 8.00 Installing rotary table																							
1.00 - 1.15 Working on pump				9.30 - 9.45 Servicing rig				8.00 - 10.00 Ran in hole with 9" bit.																							
1.15 - 2.00 Drilling				9.45 - 12.00 Drilling				10.00 - 10.15 Working on pump																							
				12.00 - 1.30 Pulled out to change bit				10.15 - 12.00 Drilling																							
				1.30 - 4.00 Installing new rotary table.																											

Name and No. of Well Briggs Tetch Lake No 1
Field Wildcat N.W.T.

HUSKY OIL & REFINING LTD. DRILLING RIG TOUR REPORT

Date February 23, 1958 (22)
Name and No. of Rig Husky #14

TOUR No. ONE

TOUR No. TWO

TOUR No. THREE

TOUR No. ONE										TOUR No. TWO										TOUR No. THREE																								
DRILL PIPE					CASING DEPTH					DRILL PIPE					CASING DEPTH					DRILL PIPE					CASING DEPTH																			
Drill Collar Stand and Bit Reamers, Core Barrel, etc.					279.82					Size O.D. 10 3/4"					Drill Collar Stand and Bit Reamers, Core Barrel, etc.					279.82					Size O.D. 10 3/4"					Drill Collar Stand and Bit Reamers, Core Barrel, etc.					251.68					Size O.D. 10 3/4"				
STANDS					2328.18					Depth of Shoe 588					STANDS					3427.95					Depth of Shoe 588					STANDS					3451.32					Depth of Shoe 588				
DEPTH OF HOLE										DEPTH OF HOLE										DEPTH OF HOLE																								
Singles					Depth at Beginning of Tour 3576					Singles					Depth at Beginning of Tour 3640					Singles					Depth at Beginning of Tour 3725					Singles					Depth at Beginning of Tour 3725									
Footage Cored										Footage Cored										Footage Cored										Footage Cored														
Kelly Down					32.00					Footage Drilled 69					Kelly Down 17.23					Footage Drilled 85					Kelly Down 32.40					Footage Drilled 45					Kelly Down 32.40					Footage Drilled 45				
Total Pipe for Bottom					36400					Depth at End of Tour 3640					Total Pipe for Bottom 3725.00					Depth at End of Tour 3725					Total Pipe for Bottom 3710.37					Depth at End of Tour 3770					Total Pipe for Bottom 3710.37					Depth at End of Tour 3770				
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.		Mud Additions								1 hr.		Mud Additions									1 hr.		Mud Additions																					
2 hr.										2 hr.											2 hr.																							
3 hr.		Tanner 50 #							W.L.	3 hr.		Tanner 200 #									3 hr.		Pol 1000 #																					
4 hr.		Cassio 25 #				11.6	58		4.5	4 hr.		Cassio 25 #									4 hr.						11.3	60	650	W.L. 5.4														
5 hr.										5 hr.											5 hr.																							
6 hr.										6 hr.											6 hr.																							
7 hr.						11.5	60		4.8	7 hr.											7 hr.																							
8 hr.										8 hr.											8 hr.																							
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																	
9"	OSCIG	48328	64	64						9"	OSCIG	48528	85	149						9"	YT1	Y86840	45	45																				
Deviation Survey taken at _____ Degrees off _____ Direction _____										Deviation Survey taken at 3705 Degrees off 1/4° Direction _____										Deviation Survey taken at _____ Degrees off _____ Direction _____																								
CREW					TIME ANALYSIS					CREW					TIME ANALYSIS					CREW					TIME ANALYSIS																			
Derrickman	Stabel				4	DRILLING					Derrickman	Thue				5 1/2	DRILLING					Derrickman	Spurle				4 1/4	DRILLING																
Cathead	Williams					CORING					Cathead	Stabel					CORING					Cathead	Knox					CORING																
Fireman	Gibson					REAMING					Fireman	Finkas					REAMING					Fireman	Atkinson					REAMING																
Floorman	Easel					CONDITIONING MUD					Floorman	Wagner					CONDITIONING MUD					Floorman	Thomas					CONDITIONING MUD																
Floorman						CIRCULATING					Floorman	Wagner					CIRCULATING					Floorman						CIRCULATING																
Driller	Donough				1	FISHING					Driller	Washburn				3/4	FISHING					Driller	Harris				1/4	FISHING																
Tool Pusher	Madill					RUNNING DEVIATION					Tool Pusher	Madill					RUNNING DEVIATION					Tool Pusher						RUNNING DEVIATION																
Gallons Fuel Used						RUNNING ELECTRIC LOG					Gallons Fuel Used						RUNNING ELECTRIC LOG					Gallons Fuel Used						RUNNING ELECTRIC LOG																
Remarks:						WAITING ON CEMENT					Remarks:						WAITING ON CEMENT					Remarks:						WAITING ON CEMENT																
						OILING, GREASING											OILING, GREASING											OILING, GREASING																
TRIP TIME					1/4	SHUT DOWN REPAIRS					TRIP TIME					1/4	SHUT DOWN REPAIRS					TRIP TIME					1/4	SHUT DOWN REPAIRS																
TOTAL HOURS						2 3/4	TOTAL HOURS					8	TOTAL HOURS					3 1/2	TOTAL HOURS					8	TOTAL HOURS																			
12.00 - 1.00 Conditioning mud						8.00 - 8.30 Drilling					4.00 - 7.30 Finished trip out and laid down one drill collar						7.30 - 9.45 Drilling					9.45 - 10.00 Working on pump						10.00 - 12.00 Drilling																
1.00 - 3.45 Trip to change bit						8.30 - 9.15 Circulating sample - Servicing rig					7.30 - 9.45 Drilling						9.45 - 10.00 Working on pump					10.00 - 12.00 Drilling																						
3.45 - 4.15 Drilling						9.15 - 9.45 Drilling					7.30 - 9.45 Drilling						9.45 - 10.00 Working on pump					10.00 - 12.00 Drilling																						
4.15 - 4.30 Working on pump					9.45 - 10.00 Working on pump					7.30 - 9.45 Drilling					9.45 - 10.00 Working on pump					10.00 - 12.00 Drilling																								
4.30 - 8.00 Drilling					10.00 - 10.30 Drilling					7.30 - 9.45 Drilling					9.45 - 10.00 Working on pump					10.00 - 12.00 Drilling																								
					10.30 - 10.45 Working on pump					7.30 - 9.45 Drilling					9.45 - 10.00 Working on pump					10.00 - 12.00 Drilling																								
					10.45 - 2.45 Drilling					7.30 - 9.45 Drilling					9.45 - 10.00 Working on pump					10.00 - 12.00 Drilling																								
					2.45 - 3.00 Pressing down in service					7.30 - 9.45 Drilling					9.45 - 10.00 Working on pump					10.00 - 12.00 Drilling																								
					3.00 - 4.00 Pulling out to change bit					7.30 - 9.45 Drilling					9.45 - 10.00 Working on pump					10.00 - 12.00 Drilling																								

Name and No. of Well Brazos Tecton Lake No 1
Field Wildcat N.W.T.

HUSKY OIL & REFINING LTD. DRILLING RIG TOUR REPORT TOUR No. TWO

Date February 22, 1958 (21)
Name and No. of Rig Husky # 14

TOUR No. ONE

TOUR No. TWO

TOUR No. THREE

DRILL PIPE										CASING DEPTH										DRILL PIPE										CASING DEPTH										DRILL PIPE										CASING DEPTH									
Drill Collar Stand and Bit Reamers, Core Barrel, etc.					279.82					Size O.D. 10 3/4					Drill Collar Stand and Bit Reamers, Core Barrel, etc.					279.82					Size O.D. 10 3/4					Drill Collar Stand and Bit Reamers, Core Barrel, etc.					279.82					Size O.D. 10 3/4																			
STANDS					3164.73					Depth of Shoe 588					STANDS					3222.75					Depth of Shoe 588					STANDS					3289.68					Depth of Shoe 588																			
DEPTH OF HOLE										DEPTH OF HOLE										DEPTH OF HOLE										DEPTH OF HOLE										DEPTH OF HOLE																			
Singles					Depth at Beginning of Tour 3415					Singles					Depth at Beginning of Tour 3463					Singles					Depth at Beginning of Tour 3543					Singles					Depth at Beginning of Tour 3543																								
Footage Cored										Footage Cored										Footage Cored										Footage Cored																													
Kelly Down					18.40					Footage Drilled 48					Kelly Down					48.40					Footage Drilled 80					Kelly Down					7.58					Footage Drilled 33																			
Total Pipe for Bottom					3462.95					Depth at End of Tour 3463					Total Pipe for Bottom					3542.97					Depth at End of Tour 3543					Total Pipe for Bottom					3576.00					Depth at End of Tour 3576																			
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.									N.L.	1 hr.		Mud Addition								1 hr.		Mud Addition																																					
2 hr.						11.8	72	650	5.2	2 hr.		Dawson 50 #				11.5		68	WLS.3		2 hr.		Tanner 50 #																																				
3 hr.										3 hr.											3 hr.		Cenator 25 #																																				
4 hr.										4 hr.						11.6		70	5.2		4 hr.																																						
5 hr.										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																																
9"	DNV	46867	48	95						9"	DNV	46868	80	80						9"	DNV	46868	33	113																																			
Deviation										Survey taken at										Deviation										Survey taken at										Deviation										Survey taken at									
Derrickman										Derrickman										Derrickman										Derrickman										Derrickman																			
Cathead										Cathead										Cathead										Cathead										Cathead																			
Fireman										Fireman										Fireman										Fireman										Fireman																			
Floorman										Floorman										Floorman										Floorman										Floorman																			
Driller										Driller										Driller										Driller										Driller																			
Tool Pusher										Tool Pusher										Tool Pusher										Tool Pusher										Tool Pusher																			
Gallons Fuel Used										Gallons Fuel Used										Gallons Fuel Used										Gallons Fuel Used										Gallons Fuel Used																			
Remarks:										Remarks:										Remarks:										Remarks:										Remarks:																			
TRIP TIME										TRIP TIME										TRIP TIME										TRIP TIME										TRIP TIME																			
TOTAL HOURS										TOTAL HOURS										TOTAL HOURS										TOTAL HOURS										TOTAL HOURS																			
12.15 - 5.30 Drilling										8.00 - 8.15 Servicing rig										4.00 - 4.15 Servicing rig										4.15 - 5.00 Drilling										5.00 - 5.30 Working on pump																			
5.30 - 8.00 Trip to change bit										8.15 - 8.45 Finished running in hole										4.15 - 5.00 Drilling										5.30 - 8.00 Conditioning mud										8.00 - 9.00 Drilling																			
										8.45 - 10.45 Drilling										5.00 - 5.30 Working on pump										8.00 - 9.00 Drilling										9.00 - 9.30 Cleaning screen on pump																			
										10.45 - 11.30 Working on pump										5.30 - 8.00 Conditioning mud										8.00 - 9.00 Drilling										9.30 - 11.30 Drilling																			
										11.30 - 4.00 Drilling										8.00 - 9.00 Drilling										9.30 - 11.30 Drilling										11.30 - 12.00 Conditioning mud																			

Name and No. of Well Briggs Teteo Lake No 2
Field Wildcat N.W.T.

HUSKY OIL & REFINING LTD. DRILLING RIG TOUR REPORT

Date February 21, 1959 (20)
Name and No. of Rig Husky #14

TOUR No. ONE

TOUR No. TWO

TOUR No. THREE

TOUR NO. ONE										TOUR NO. TWO										TOUR NO. THREE									
DRILL PIPE				CASING DEPTH				DRILL PIPE				CASING DEPTH				DRILL PIPE				CASING DEPTH									
Drill Collar Stand and Bit Reamers, Core Barrel, etc.				Size O.D. 10 3/4"				Drill Collar Stand and Bit Reamers, Core Barrel, etc.				Size O.D. 10 3/4"				Drill Collar Stand and Bit Reamers, Core Barrel, etc.				Size O.D. 10 3/4"									
STANDS 2959.46				Depth of Shoe 588'				STANDS 3047.98				Depth of Shoe 588'				STANDS 3106.01				Depth of Shoe 588'									
DEPTH OF HOLE				DEPTH OF HOLE				DEPTH OF HOLE				DEPTH OF HOLE				DEPTH OF HOLE													
Singles				Depth at Beginning of Tour 3250				Singles				Depth at Beginning of Tour 3279				Singles				Depth at Beginning of Tour 3360									
Footage Cored								Footage Cored								Footage Cored													
Kelly Down 40.40				Footage Drilled 29				Kelly Down 32.20				Footage Drilled 81				Kelly Down 29.17				Footage Drilled 55									
Total Pipe for Bottom 3279.68				Depth at End of Tour 3279				Total Pipe for Bottom 3360.00				Depth at End of Tour 3360				Total Pipe for Bottom 3415.00				Depth at End of Tour 3415									
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.		Mud Additive							1 hr.		Mud Additive								1 hr.										
2 hr.									2 hr.					11.4	65		6.8		2 hr.										
3 hr.		Driest 50#							3 hr.		Driest 50#								3 hr.										
4 hr.									4 hr.		Caustic 25#								4 hr.										
5 hr.									5 hr.		Tanner 50#			11.6	60		5.4		5 hr.										
6 hr.									6 hr.										6 hr.					11.4	77	650	WLS.0		
7 hr.						11.6	65	850	WLS.0	7 hr.									7 hr.										
8 hr.									8 hr.										8 hr.					11.4	77	660			
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						
9"	56	175358	29	29				9"	56	175358	81	110					9"	56	175358	8	118								
																	9"	56	46867	47	47								
Deviation				Survey taken at				Deviation				Survey taken at				Deviation				Survey taken at									
CREW				TIME ANALYSIS				CREW				TIME ANALYSIS				CREW				TIME ANALYSIS									
Derrickman Spindle				DRILLING 3				Derrickman Stibel				DRILLING 7 1/4				Derrickman Thine				DRILLING 5 1/4									
Cathead Knorr				CORING				Cathead Williams				CORING				Cathead Stibel				CORING									
Fireman Githens				REAMING				Fireman Lindquist				REAMING				Fireman Finkie				REAMING									
Floorman Stibel				CONDITIONING MUD				Floorman Desell				CONDITIONING MUD				Floorman Finkie				CONDITIONING MUD									
Floorman				CIRCULATING				Floorman Wagner				CIRCULATING				Floorman				CIRCULATING									
Driller Harris				FISHING				Driller Herrough				FISHING				Driller Weisker				FISHING									
Tool Pusher				RUNNING DEVIATION				Tool Pusher Madill				RUNNING DEVIATION				Tool Pusher Madill				RUNNING DEVIATION									
Signature				RUNNING ELECTRIC LOG				Signature				RUNNING ELECTRIC LOG				Signature				RUNNING ELECTRIC LOG									
Gallons Fuel Used				WAITING ON CEMENT				Gallons Fuel Used				WAITING ON CEMENT				Gallons Fuel Used				WAITING ON CEMENT									
Remarks:				OILING, GREASING				Remarks:				OILING, GREASING				Remarks:				OILING, GREASING									
				SHUT DOWN REPAIRS								SHUT DOWN REPAIRS								SHUT DOWN REPAIRS									
				WAITING ON FUEL								WAITING ON FUEL								WAITING ON FUEL									
				TRIP TIME								TRIP TIME								TRIP TIME									
				TOTAL HOURS								TOTAL HOURS								TOTAL HOURS									
12.00 - 3.00 Waiting on fuel								8.00 - 8.15 Service rig								9.00 - 4.30 Drilling													
3.00 - 5.00 Running in hole								8.15 - 12.00 Drilling								4.30 - 7.15 Trip for new bit													
5.00 - 9.00 Drilling								12.00 - 12.30 Working on mud pump								7.15 - 12.00 Drilling													
								12.30 - 4.00 Drilling																					

Name and No. of Well Briggs Tatch Lake No. 1
 Field Wildcat N.W.T.

HUSKY OIL & REFINING LTD. DRILLING RIG TOUR REPORT

 Date February 20, 1958
 Name and No. of Rig Husky # 14

TOUR No. ONE

TOUR No. TWO

TOUR No. THREE

TOUR No. ONE								TOUR No. TWO								TOUR No. THREE										
DRILL PIPE				CASING DEPTH				DRILL PIPE				CASING DEPTH				DRILL PIPE				CASING DEPTH						
Drill Collar Stand and Bit Reamers, Core Barrel, etc.				Size O.D. 10 3/4"				Drill Collar Stand and Bit Reamers, Core Barrel, etc.				Size O.D. 10 3/4"				Drill Collar Stand and Bit Reamers, Core Barrel, etc.				Size O.D. 10 3/4"						
STANDS 2929.97				Depth of Shoe 588				STANDS 2929.97				Depth of Shoe 588				STANDS				Depth of Shoe 588						
				DEPTH OF HOLE								DEPTH OF HOLE								DEPTH OF HOLE						
Singles				Depth at Beginning of Tour 3150				Singles				Depth at Beginning of Tour 3225				Singles				Depth at Beginning of Tour 3250						
				Footage Cored								Footage Cored								Footage Cored						
Kelly Down 15.00				Footage Drilled 75				Kelly Down 40.40				Footage Drilled 25				Kelly Down				Footage Drilled —						
Total Pipe for Bottom 3224.79				Depth at End of Tour 3225				Total Pipe for Bottom 3250.19				Depth at End of Tour 3250				Total Pipe for Bottom				Depth at End of Tour 3250						
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.									1 hr.									1 hr.								
2 hr.					11.6	74	800	WL 4.8	2 hr.									2 hr.								
3 hr.									3 hr.									3 hr.								
4 hr.									4 hr.									4 hr.								
5 hr.									5 hr.									5 hr.								
6 hr.									6 hr.									6 hr.								
7 hr.					11.6	72	800	5.4	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		
<u>9"</u>	<u>56</u>	<u>154836</u>	<u>75</u>	<u>92</u>						<u>9"</u>	<u>56</u>	<u>154836</u>	<u>25</u>	<u>117</u>															

Deviation	Survey taken at	Degrees off	Direction	Deviation	Survey taken at	Degrees off	Direction	Deviation	Survey taken at	Degrees off	Direction
CREW				CREW				CREW			
Derrickman	<u>Sperle</u>			Derrickman	<u>Stubel</u>			Derrickman	<u>Thue</u>		
Cathead	<u>Knorr</u>			Cathead	<u>Williams</u>			Cathead	<u>Stubel</u>		
Fireman	<u>Peterson</u>			Fireman	<u>Lindquist</u>			Fireman			
Floorman	<u>Williams</u>			Floorman	<u>Deach</u>			Floorman	<u>Finkis</u>		
Floorman	<u>Stubel</u>			Floorman	<u>Wagner</u>			Floorman			
Driller	<u>Harris</u>			Driller	<u>Darraugh</u>			Driller	<u>Weidner</u>		
Tool Pusher <u>Madill</u> Signature				Tool Pusher <u>Madill</u> Signature				Tool Pusher <u>Madill</u> Signature			
Gallons Fuel Used				Gallons Fuel Used				Gallons Fuel Used			
Remarks:				Remarks:				Remarks:			
TRIP TIME				TRIP TIME				TRIP TIME			
TOTAL HOURS				TOTAL HOURS				TOTAL HOURS			

12 00-1.15 Drilling
 1.15-1.30 Servicing rig
 1.30-8.00 Drilling

8.00-8.15 Servicing rig
 8.15-10.45 Drilling
 10.45-12.00 Measured out of hole Measurements check
 12.00-4.00 Changed heads and liners in pump

4.00-12.00 Waiting on diesel fuel. Truck broke down on way in.

Name and No. of Well Briggs Yatche Lake No 1
Field W. Idant A. W. T.

HUSKY OIL & REFINING LTD. DRILLING RIG TOUR REPORT

Date February 19 1958
Name and No. of Rig Husky # 14

TOUR No. ONE

TOUR No. TWO

TOUR No. THREE

TOUR NO. ONE										TOUR NO. TWO										TOUR NO. THREE									
DRILL PIPE			CASING DEPTH						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.						Drill Collar Stand and Bit Reamers, Core Barrel, etc.			Size O.D.								
STANDS			Depth of Shoe						STANDS			Depth of Shoe						STANDS			Depth of Shoe								
			DEPTH OF HOLE									DEPTH OF HOLE									DEPTH OF HOLE								
Singles			Depth at Beginning of Tour						Singles			Depth at Beginning of Tour						Singles			Depth at Beginning of Tour								
			Footage Cored									Footage Cored									Footage Cored								
Kelly Down			Footage Drilled						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						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.								1 hr.								1 hr.													
2 hr.								2 hr.								2 hr.													
3 hr.								3 hr.								3 hr.													
4 hr.								4 hr.								4 hr.													
5 hr.								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						
9"	DSC	1257	48	48				9"	DSC	1257	75	123					9"	Osc	1257	18	141								
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	Sparkle		DRILLING	3 3/4		Derrickman	Stabel		DRILLING	7 3/4		Derrickman	T. Kue		DRILLING	4 1/2													
Cathead	Knorr		CORING			Cathead	Williams		CORING			Cathead	Stabel		CORING														
Fireman	Atkinson		REAMING			Fireman	Lindquist		REAMING			Fireman	Petch		REAMING														
Floorman	Stabel		CONDITIONING MUD			Floorman	Dassch		CONDITIONING MUD			Floorman	Finklin		CONDITIONING MUD														
Floorman	Williams		CIRCULATING	1/4		Floorman	Wagner		CIRCULATING			Floorman	Weinstan		CIRCULATING														
Driller	Harris		FISHING			Driller	Darrough		FISHING			Driller			FISHING														
Tool Pusher Maell Signature			RUNNING DEVIATION			Tool Pusher Maell Signature			RUNNING DEVIATION			Tool Pusher Maell Signature			RUNNING DEVIATION														
Gallons Fuel Used			RUNNING ELECTRIC LOG			Gallons Fuel Used			RUNNING ELECTRIC LOG			Gallons Fuel Used			RUNNING ELECTRIC LOG														
Remarks:			WAITING ON CEMENT			Remarks:			WAITING ON CEMENT			Remarks:			WAITING ON CEMENT														
			OILING, GREASING	1/2					OILING, GREASING	1/4					OILING, GREASING														
			SHUT DOWN REPAIRS						SHUT DOWN REPAIRS						SHUT DOWN REPAIRS														
			TRIP TIME	3 3/4					TRIP TIME	8					TRIP TIME	3 1/2													
			TOTAL HOURS	8					TOTAL HOURS	8					TOTAL HOURS	8													
12.00-12.15 Running rig			8.00-8.15 Drilling						4.00-4.30 Drilling																				
12.15-4.00 Trip to change bit</																													

Name and No. of Well Biggins Jatcho Lake No 1
 Field Wildcat N.W.T.

HUSKY OIL & REFINING LTD. DRILLING RIG TOUR REPORT

 Date February 18 1958 (17)
 Name and No. of Rig Husky #14

TOUR No. ONE

TOUR No. TWO

TOUR No. THREE

DRILL PIPE							CASING DEPTH							DRILL PIPE							CASING DEPTH							DRILL PIPE							CASING DEPTH						
Drill Collar Stand and Bit Reamers, Core Barrel, etc.							Size O.D. <u>10 3/4"</u>							Drill Collar Stand and Bit Reamers, Core Barrel, etc.							Size O.D. <u>10 3/4"</u>							Drill Collar Stand and Bit Reamers, Core Barrel, etc.							Size O.D. <u>10 3/4"</u>						
STANDS <u>2520.31</u>							Depth of Shoe <u>588</u>							STANDS <u>2438.97</u>							Depth of Shoe <u>583'</u>							STANDS <u>2697.14</u>							Depth of Shoe <u>588</u>						
DEPTH OF HOLE							DEPTH OF HOLE							DEPTH OF HOLE							DEPTH OF HOLE							DEPTH OF HOLE													
Singles							Depth at Beginning of Tour <u>2811</u>							Singles							Depth at Beginning of Tour <u>2840</u>							Singles							Depth at Beginning of Tour <u>2940</u>						
							Footage Cored														Footage Cored														Footage Cored						
Kelly Down <u>40.40</u>							Footage Drilled <u>29</u>							Kelly Down <u>21.21</u>							Footage Drilled <u>100</u>							Kelly Down <u>15.04</u>							Footage Drilled <u>52</u>						
Total Pipe for Bottom <u>2840.53</u>							Depth at End of Tour <u>2840</u>							Total Pipe for Bottom <u>2940.00</u>							Depth at End of Tour <u>2940</u>							Total Pipe for Bottom <u>2992.00</u>							Depth at End of Tour <u>2992</u>						
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.												1 hr.		<u>Mud Additives</u>							<u>11</u>	<u>43</u>		<u>WLB</u>			<u>Mud Additives</u>														
2 hr.												2 hr.		<u>Tanner 50 lb</u>																						<u>W.L</u>					
3 hr.												3 hr.		<u>Caustic soda 25 lb</u>													<u>Gel 1800 lb</u>														
4 hr.												4 hr.																<u>Tanner 150 lb</u>									<u>6.6</u>				
5 hr.												5 hr.																<u>Caustic soda 75 lb</u>						<u>55</u>							
6 hr.												6 hr.																<u>Driscoll 50 lb</u>									<u>5.4</u>				
7 hr.												7 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					
9"	OSC	1003	29	182							9"	56	112687	100	100							9"	56	112687	52	152									
9"	56	112687	-	-																															

Deviation	Survey taken at	Degrees off	Direction	Deviation	Survey taken at	Degrees off	Direction	Deviation	Survey taken at	Degrees off	Direction
	<u>2800</u>	<u>1/2</u>									

CREW			TIME ANALYSIS			CREW			TIME ANALYSIS			CREW			TIME ANALYSIS		
Derrickman	<u>Sparks</u>		DRILLING	<u>2 1/2</u>		Derrickman	<u>Stabel</u>		DRILLING	<u>7 1/4</u>		Derrickman	<u>Thue</u>		DRILLING	<u>4 1/4</u>	
Cathead	<u>Knorr</u>		CORING			Cathead	<u>Williams</u>		CORING			Cathead	<u>Stabel</u>		CORING		
Fireman	<u>Atherton</u>		REAMING			Fireman	<u>Lindquist</u>		REAMING			Fireman	<u>Patch</u>		REAMING		
Floorman	<u>Stabel</u>		CONDITIONING MUD			Floorman	<u>Desch</u>		CONDITIONING MUD			Floorman	<u>Finkis</u>		CONDITIONING MUD	<u>2 3/4</u>	
Floorman	<u>Williams</u>		CIRCULATING			Floorman	<u>Wagner</u>		CIRCULATING			Floorman			CIRCULATING		
Driller	<u>Harris</u>		FISHING			Driller	<u>Derrough</u>		FISHING			Driller	<u>Weistner</u>		FISHING		
			RUNNING DEVIATION	<u>1/4</u>					RUNNING DEVIATION						RUNNING DEVIATION		
Tool Pusher	<u>Madell</u>	Signature	RUNNING ELECTRIC LOG			Tool Pusher	<u>Madell</u>	Signature	RUNNING ELECTRIC LOG			Tool Pusher	<u>Madell</u>	Signature	RUNNING ELECTRIC LOG		
			WAITING ON CEMENT						WAITING ON CEMENT						WAITING ON CEMENT		
Gallons Fuel Used			OILING, GREASING			Gallons Fuel Used			OILING, GREASING	<u>1/2</u>		Gallons Fuel Used			OILING, GREASING		
Remarks:			SHUT DOWN REPAIRS			Remarks:			SHUT DOWN REPAIRS			Remarks:			SHUT DOWN REPAIRS	<u>1/2</u>	
			TRIP TIME	<u>5 1/4</u>					TRIP TIME	<u>1/2</u>					TRIP TIME	<u>1/2</u>	
			TOTAL HOURS	<u>8</u>					TOTAL HOURS	<u>8</u>					TOTAL HOURS	<u>8</u>	

12.00 - 2.30	Drilling	8.00 - 8.15	Surveying rig.	4.00 - 5.00	Drilling
2.30 - 2.45	Running deviation survey	8.15 - 8.45	Reaming tight hole to bottom	5.00 - 5.30	Get mud pits
2.45 - 8.00	Trip to change bit Reaming tight hole to bottom	8.45 - 4.00	Drilling	5.30 - 8.00	Drilling
				8.00 - 8.30	Revised pump and mud mixer
				8.30 - 9.15	Drilling
				9.15 - 12.00	Conditioning mud

Name and No. of Well Briggs Totok Lake No. 1Field Wildcat N.W.T.

HUSKY OIL & REFINING LTD.

DRILLING RIG TOUR REPORT

TOUR No. TWO

Date February 17, 1958

Name and No. of Rig

TOUR No. THREE Husky # 14

TOUR No. ONE

TOUR No. TWO

TOUR No. THREE

TOUR No. ONE							TOUR No. TWO							TOUR No. THREE										
DRILL PIPE			CASING DEPTH				DRILL PIPE			CASING DEPTH				DRILL PIPE			CASING DEPTH							
Drill Collar Stand and Bit Reamers, Core Barrel, etc.			Size O.D. <u>10 3/4"</u>				Drill Collar Stand and Bit Reamers, Core Barrel, etc.			Size O.D. <u>10 3/4"</u>				Drill Collar Stand and Bit Reamers, Core Barrel, etc.			Size O.D. <u>10 3/4"</u>							
STANDS			Depth of Shoe <u>588'</u>				STANDS			Depth of Shoe <u>588'</u>				STANDS			Depth of Shoe <u>588'</u>							
DEPTH OF HOLE							DEPTH OF HOLE							DEPTH OF HOLE										
Singles			Depth at Beginning of Tour <u>2544</u>				Singles			Depth at Beginning of Tour <u>2633</u>				Singles			Depth at Beginning of Tour <u>2693</u>							
			Footage Cored							Footage Cored							Footage Cored							
Kelly Down			Footage Drilled <u>89</u>				Kelly Down			Footage Drilled <u>60</u>				Kelly Down			Footage Drilled <u>118</u>							
Total Pipe for Bottom			Depth at End of Tour <u>2633</u>				Total Pipe for Bottom			Depth at End of Tour <u>2693</u>				Total Pipe for Bottom			Depth at End of Tour <u>2811</u>							
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.								1 hr.		<u>Mud Additions</u>						1 hr.		<u>Mud Additions</u>						
2 hr.								2 hr.								2 hr.								
3 hr.								3 hr.		<u>Duroc 100 lb</u>						3 hr.		<u>Tanner 100 lb</u>						
4 hr.								4 hr.		<u>Tanner 100 lb</u>						4 hr.		<u>Caustic soda 50 lb</u>						
5 hr.								5 hr.		<u>Caustic soda 50 lb</u>						5 hr.								
6 hr.								6 hr.								6 hr.								
7 hr.								7 hr.								7 hr.								
8 hr.								8 hr.								8 hr.								
BITS USED							BITS USED							BITS USED										
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	
9"	56	17557	89	180				9"	56	17557	25	205					9"	OSC	1003	118	153			
CREW							CREW							CREW										
Derrickman <u>Spule</u>							Derrickman <u>Steele</u>							Derrickman <u>Thue</u>										
Cathead <u>Knowl</u>							Cathead <u>Williams</u>							Cathead <u>Steele</u>										
Fireman <u>Whitman</u>							Fireman <u>Lindquist</u>							Fireman <u>Patch</u>										
Floorman <u>Steele</u>							Floorman <u>Nesbitt</u>							Floorman <u>Fisher</u>										
Floorman <u>Williams</u>							Floorman <u>Wagner</u>							Floorman <u>Wagner</u>										
Driller <u>Harris</u>							Driller <u>Dunham</u>							Driller <u>Wainman</u>										
Tool Pusher <u>Madill</u> Signature							Tool Pusher <u>Madill</u> Signature							Tool Pusher <u>Madill</u> Signature										
Gallons Fuel Used							Gallons Fuel Used							Gallons Fuel Used										
Remarks:							Remarks:							Remarks:										
TRIP TIME							TRIP TIME							TRIP TIME										
TOTAL HOURS							TOTAL HOURS							TOTAL HOURS										
12.00 - 2.15 <u>Repairs fuel lines - freezing</u>							8.00 - 8.15 <u>Drilling</u>							4.00 - 4.15 <u>Servicing rig</u>										
2.15 - 3.15 <u>Drilling</u>							8.15 - 8.45 <u>Servicing rig</u>							4.15 - 9.00 <u>Drilling</u>										
3.15 - 4.00 <u>Repairs fuel lines - freezing</u>							8.45 - 10.30 <u>Drilling</u>							9.00 - 9.30 <u>Repairs pump</u>										
4.00 - 8.00 <u>Drilling</u>							10.30 - 1.45 <u>Trip to change bit</u>							9.30 - 11.30 <u>Drilling</u>										
							1.45 - 4.00 <u>Drilling</u>							11.30 - 12.00 <u>Repacking valve seat in pump</u>										

Name and No. of Well Buggo Tatcho Lake No 1
 Field Wildcat N.W.T.
HUSKY OIL & REFINING LTD.
DRILLING RIG TOUR REPORT

 Date February 16, 1958 (15)
 Name and No. of Rig Husky #14
TOUR No. ONE**TOUR No. TWO****TOUR No. THREE**

TOUR No. ONE							TOUR No. TWO							TOUR No. THREE									
DRILL PIPE			CASING DEPTH				DRILL PIPE			CASING DEPTH				DRILL PIPE			CASING DEPTH						
Drill Collar Stand and Bit Reamers, Core Barrel, etc.			Size O.D. <u>10 3/4"</u>				Drill Collar Stand and Bit Reamers, Core Barrel, etc.			Size O.D. <u>10 3/4"</u>				Drill Collar Stand and Bit Reamers, Core Barrel, etc.			Size O.D. <u>10 3/4"</u>						
STANDS			Depth of Shoe <u>588</u>				STANDS			Depth of Shoe <u>588</u>				STANDS			Depth of Shoe <u>588</u>						
DEPTH OF HOLE							DEPTH OF HOLE							DEPTH OF HOLE									
Singles			Depth at Beginning of Tour <u>2453</u>				Singles			Depth at Beginning of Tour <u>2453</u>				Singles			Depth at Beginning of Tour <u>2453</u>						
			Footage Cored							Footage Cored							Footage Cored						
Kelly Down			Footage Drilled				Kelly Down			Footage Drilled				Kelly Down			Footage Drilled						
Total Pipe for Bottom			Depth at End of Tour <u>2453</u>				Total Pipe for Bottom			Depth at End of Tour <u>2453</u>				Total Pipe for Bottom			Depth at End of Tour <u>2544</u>						
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.								1 hr.								1 hr.							
2 hr.								2 hr.								2 hr.							
3 hr.								3 hr.								3 hr.							
4 hr.								4 hr.								4 hr.							
5 hr.								5 hr.								5 hr.							
6 hr.								6 hr.								6 hr.							
7 hr.								7 hr.								7 hr.				10.6	49	WL46	
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
																9"	S-6	175570	91	91			

TOUR No. ONE			TOUR No. TWO			TOUR No. THREE					
Deviation	Survey taken at	Degrees off	Direction	Deviation	Survey taken at	Degrees off	Direction	Deviation	Survey taken at	Degrees off	Direction
CREW			CREW			CREW					
Derrickman	<u>Spaul</u>			Derrickman	<u>Stabel</u>			Derrickman	<u>Thao</u>		
Cathead	<u>Knorr</u>			Cathead	<u>Williamis</u>			Cathead	<u>Stabel</u>		
Fireman	<u>Atkinson</u>			Fireman	<u>Lidman</u>			Fireman	<u>Atkinson</u>		
Floorman				Floorman	<u>Wagner</u>			Floorman	<u>Fiske</u>		
Floorman				Floorman	<u>Deach</u>			Floorman			
Driller	<u>Harris</u>			Driller	<u>Darragh</u>			Driller	<u>Washburn</u>		
Tool Pusher	<u>Madill</u> Signature			Tool Pusher	<u>Madill</u> Signature			Tool Pusher	Signature		
Gallons Fuel Used				Gallons Fuel Used				Gallons Fuel Used			
Remarks:				Remarks:				Remarks:			
TRIP TIME			TRIP TIME			TRIP TIME					
TOTAL HOURS			TOTAL HOURS			TOTAL HOURS					

TOUR No. ONE		TOUR No. TWO		TOUR No. THREE	
Time	Remarks	Time	Remarks	Time	Remarks
12.00 - 8.00	Waiting on repairs	8.00 - 4.00	Repairing rotary table	4.00 - 6.00	Reaming rotary table
				6.00 - 9.00	Run in hole and cleaned out bottom
				9.00 - 12.00	Drilling

Bugas Tatch Lake No 1

Field Wildcat N.W.T.

HUSKY OIL & REFINING LTD. DRILLING RIG TOUR REPORT TOUR No. TWO

Date February 15 1958 (14)

Name and No. of Rig Husky #14

TOUR No. ONE

TOUR No. TWO

TOUR No. THREE

DRILL PIPE							CASING DEPTH							DRILL PIPE							CASING DEPTH							DRILL PIPE							CASING DEPTH																				
Drill Collar Stand and Bit Reamers, Core Barrel, etc.							Size O.D. 10 3/4"							Drill Collar Stand and Bit Reamers, Core Barrel, etc.							Size O.D. 10 3/4"							Drill Collar Stand and Bit Reamers, Core Barrel, etc.							Size O.D. 10 3/4"																				
STANDS							Depth of Shoe 588							STANDS							Depth of Shoe 588							STANDS							Depth of Shoe 588																				
Singles							Depth at Beginning of Tour 2453							Singles							Depth at Beginning of Tour 2453							Singles							Depth at Beginning of Tour 2453																				
Footage Cored														Footage Cored														Footage Cored																											
Kelly Down							Footage Drilled							Kelly Down							Footage Drilled							Kelly Down							Footage Drilled																				
Total Pipe for Bottom							Depth at End of Tour 2453							Total Pipe for Bottom							Depth at End of Tour 2453							Total Pipe for Bottom							Depth at End of Tour 2453																				
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.												1 hr.												1 hr.																															
2 hr.												2 hr.												2 hr.																															
3 hr.												3 hr.												3 hr.																															
4 hr.												4 hr.												4 hr.																															
5 hr.												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						
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							RUNNING DEVIATION							Tool Pusher							RUNNING DEVIATION							Tool Pusher							RUNNING DEVIATION																				
Signature							RUNNING ELECTRIC LOG							Signature							RUNNING ELECTRIC LOG							Signature							RUNNING ELECTRIC LOG																				
Gallons Fuel Used							WAITING ON CEMENT							Gallons Fuel Used							WAITING ON CEMENT							Gallons Fuel Used							WAITING ON CEMENT																				
OILING, GREASING							SHUT DOWN REPAIRS							OILING, GREASING							SHUT DOWN REPAIRS							OILING, GREASING							SHUT DOWN REPAIRS																				
Remarks:							TRIP TIME							Remarks:							TRIP TIME							Remarks:							TRIP TIME																				
							TOTAL HOURS														TOTAL HOURS														TOTAL HOURS																				
12.00 - 3.00 waiting on repairs														8.00 - 4.00 waiting on repairs														4.00 - 12.00 waiting on repairs																											

Name and No. of Well Briggs Tatchs Lake #1
Field Wildcat N.W.T.

HUSKY OIL & REFINING LTD. DRILLING RIG TOUR REPORT TOUR No. TWO

Date February 14, 1958 (13)
Name and No. of Rig Husky # 14
TOUR No. THREE

TOUR No. ONE

TOUR No. TWO

TOUR No. THREE

TOUR No. ONE										TOUR No. TWO										TOUR No. THREE										
DRILL PIPE				CASING DEPTH				DRILL PIPE				CASING DEPTH				DRILL PIPE				CASING DEPTH										
Drill Collar Stand and Bit Reamers, Core Barrel, etc.				Size O.D. 10 3/4				Drill Collar Stand and Bit Reamers, Core Barrel, etc.				Size O.D. 10 3/4				Drill Collar Stand and Bit Reamers, Core Barrel, etc.				Size O.D. 10 3/4										
STANDS				Depth of Shoe 588				STANDS				Depth of Shoe 588				STANDS				Depth of Shoe 588										
				DEPTH OF HOLE								DEPTH OF HOLE								DEPTH OF HOLE										
Singles				Depth at Beginning of Tour 2453				Singles				Depth at Beginning of Tour 2453				Singles				Depth at Beginning of Tour 2453										
				Footage Cored								Footage Cored								Footage Cored										
Kelly Down				Footage Drilled				Kelly Down				Footage Drilled				Kelly Down				Footage Drilled										
Total Pipe for Bottom				Depth at End of Tour 2453				Total Pipe for Bottom				Depth at End of Tour 2453				Total Pipe for Bottom				Depth at End of Tour 2453										
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.										1 hr.											1 hr.									
2 hr.										2 hr.											2 hr.									
3 hr.										3 hr.											3 hr.									
4 hr.										4 hr.											4 hr.									
5 hr.										5 hr.											5 hr.									
6 hr.										6 hr.											6 hr.									
7 hr.										7 hr.											7 hr.									
8 hr.										8 hr.											8 hr.									
BITS USED										BITS USED										BITS USED										
CORES TAKEN										CORES TAKEN										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			

Name and No. of Well Biggins Tatcho Lake No 1
Field Wildcat N.W.T.

HUSKY OIL & REFINING LTD. DRILLING RIG TOUR REPORT TOUR No. TWO

Date February 13, 1958 (12)
Name and No. of Rig Quady #14
FOUR No. THREE

TOUR No. ONE

TOUR No. TWO

TOUR No. THREE

[illegible]

Name and No. of Well W. B. Jones Yates Lake #1
Field Wildcat N. W. T.

HUSKY OIL & REFINING LTD. DRILLING RIG TOUR REPORT TOUR No. TWO

Date February 12 1958 (1)
Name and No. of Rig Husky # 14

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.		279.82	Size O.D.		10 3/4"			Drill Collar Stand and Bit Reamers, Core Barrel, etc.		279.82	Size O.D.		10 3/4"			Drill Collar Stand and Bit Reamers, Core Barrel, etc.		279.82	Size O.D.		10 3/4"																												
STANDS		2018.36	Depth of Shoe		588			STANDS		2135.68	Depth of Shoe		588			STANDS		2135.68	Depth of Shoe		588																												
							DEPTH OF HOLE													DEPTH OF HOLE																													
Singles			Depth at Beginning of Tour		2200			Singles			Depth at Beginning of Tour		2320			Singles			Depth at Beginning of Tour		2453																												
			Footage Cored								Footage Cored								Footage Cored																														
Kelly Down		2218	Footage Drilled		120			Kelly Down		38.40	Footage Drilled		133			Kelly Down		38.40	Footage Drilled		—																												
Total Pipe for Bottom		2320.36	Depth at End of Tour		2320			Total Pipe for Bottom		2453.90	Depth at End of Tour		2453			Total Pipe for Bottom		2453.90	Depth at End of Tour		2453																												
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.		Mud Additives			10.3	47		WL 5.8	1 hr.					10.3	48	600			1 hr.																														
2 hr.									2 hr.						50	650	WL 5.2		2 hr.																														
3 hr.		Tanner 50#							3 hr.					10.3	52	650			3 hr.																														
4 hr.		Cement Sack 25#			10.5	48		WL 5.6	4 hr.						50	680			4 hr.																														
5 hr.		Disposal 50#							5 hr.							660	WL 5.2		5 hr.																														
6 hr.					10.5	50	650		6 hr.										6 hr.																														
7 hr.									7 hr.										7 hr.					10.4	60	700	WL 5.4																						
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																		
9"	OSC	90453	120	238				9"	OSC	90453	133	371				9"	SL	175570	—	—				9"	SL	175570	—	—																					
Deviation							Survey taken at						Degrees off						Direction						Deviation							Survey taken at						Degrees off						Direction					
CREW							TIME ANALYSIS						CREW							TIME ANALYSIS						CREW							TIME ANALYSIS																
Derrickman	Thue						DRILLING	5 1/4						Derrickman	Harris						DRILLING	5 1/4						Derrickman	Stabel						DRILLING														
Cathead	Stabel						CORING							Cathead	Karr						CORING							Cathead	Williams						CORING														
Fireman	Athenston						REAMING							Fireman	Lindquist						REAMING							Fireman							REAMING														
Floorman	Fickie						CONDITIONING MUD							Floorman	Sparks						CONDITIONING MUD							Floorman	Darch						CONDITIONING MUD														
Floorman							CIRCULATING							Floorman	Wayson						CIRCULATING							Floorman	Derrough						CIRCULATING														
Driller	Derrough						FISHING							Driller	Waistear						FISHING							Driller							FISHING														
Tool Pusher	Madell Signature						RUNNING DEVIATION							Tool Pusher	Madell Signature						RUNNING DEVIATION							Tool Pusher	Madell Signature						RUNNING DEVIATION														
Gallons Fuel Used							RUNNING ELECTRIC LOG							Gallons Fuel Used							RUNNING ELECTRIC LOG							Gallons Fuel Used							RUNNING ELECTRIC LOG														
Remarks:							WAITING ON CEMENT							Remarks:							WAITING ON CEMENT							Remarks:							WAITING ON CEMENT														
							OILING, GREASING														OILING, GREASING														OILING, GREASING														
							SHUT DOWN REPAIRS														SHUT DOWN REPAIRS														SHUT DOWN REPAIRS														
							TRIP TIME														TRIP TIME														TRIP TIME														
							TOTAL HOURS	8													TOTAL																												

Name and No. of Well Breigis Tatche Lake No 1
Field Wildcat N.W.T.

HUSKY OIL & REFINING LTD. DRILLING RIG TOUR REPORT TOUR No. TWO

Date February 11 1958 (10)

Name and No. of Rig Huskey # 14

TOUR No. ONE

TOUR No. TWO

TOUR No. THREE

TOUR NO. ONE									TOUR NO. TWO									TOUR NO. THREE								
DRILL PIPE			CASING DEPTH						DRILL PIPE			CASING DEPTH						DRILL PIPE			CASING DEPTH					
Drill Collar Stand and Bit Reamers, Core Barrel, etc.			279.82			Size O.D. 10 3/4"			Drill Collar Stand and Bit Reamers, Core Barrel, etc.			279.82			Size O.D. 10 3/4"			Drill Collar Stand and Bit Reamers, Core Barrel, etc.			279.82			Size O.D. 10 3/4"		
19 STANDS			166.90			Depth of Shoe 588			STANDS			163.69			Depth of Shoe 588			STANDS						Depth of Shoe 588		
			DEPTH OF HOLE									DEPTH OF HOLE									DEPTH OF HOLE					
Singles						Depth at Beginning of Tour 1724			Singles						Depth at Beginning of Tour 1960			Singles			1899.88			Depth at Beginning of Tour 2082		
						Footage Cored									Footage Cored						1899.88			Footage Cored		
Kelly Down			13.26			Footage Drilled 236			Kelly Down			18.49			Footage Drilled 122			Kelly Down			20.30			Footage Drilled 118		
Total Pipe for Bottom			1959.98			Depth at End of Tour 1960			Total Pipe for Bottom			2082.00			Depth at End of Tour 2082			Total Pipe for Bottom			2200.00			Depth at End of Tour 2200		
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.									1 hr.		Mud Additives							1 hr.		Mud Additives						
2 hr.									2 hr.									2 hr.								
3 hr.						52			3 hr.		Driscoll 50#							3 hr.		Tanner 100 lb			10.3	38	Wk 9.6	
4 hr.									4 hr.						38			4 hr.		Carbide Soda 50 lb						
5 hr.									5 hr.									5 hr.								
6 hr.									6 hr.									6 hr.								
7 hr.									7 hr.									7 hr.								
8 hr.									8 hr.									8 hr.								

[illegible][illegible]

12.00-12.15	Servicing rig	8.00-8.45	Running on hole with 9" bit	4.00-5.30	Finished trip to change bit
12.15-5.00	Drilling 9" hole	8.45-9.00	Servicing rig	5.30-6.00	Repairing rotary chain
5.00-6.00	Working on mud pump	9.00-2.45	Drilling	6.00-10.30	Drilling
6.00-8.00	Trip to change bit	2.45-3.00	Running deviation survey	10.30-10.45	Repairing chain guard
		3.00-4.00	Trip to change bit	10.45-12.00	Drilling

Name and No. of Well Briggs Tete Lake No. 1
 Field N.W.T.

HUSKY OIL & REFINING LTD. DRILLING RIG TOUR REPORT TOUR No. ONE

 Date February 10, 1958 ⑨
 Name and No. of Rig Husky #14

TOUR No. THREE

TOUR No. ONE										TOUR No. TWO										TOUR No. THREE											
DRILL PIPE					CASING DEPTH					DRILL PIPE					CASING DEPTH					DRILL PIPE					CASING DEPTH						
10 Drill Collar Stand and Bit Reamers, Core Barrel, etc. 279.82					Size O.D. 10 3/4"					10 Drill Collar Stand and Bit Reamers, Core Barrel, etc. 279.82					Size O.D. 10 3/4"					10 Drill Collar Stand and Bit Reamers, Core Barrel, etc. 279.82					Size O.D. 10 3/4"						
11 STANDS 96.74					Depth of Shoe 588					STANDS 1022.86					Depth of Shoe 588					16 STANDS 1404.44					Depth of Shoe 588						
DEPTH OF HOLE					DEPTH OF HOLE					DEPTH OF HOLE					DEPTH OF HOLE					DEPTH OF HOLE											
Singles					Depth at Beginning of Tour 1992					Singles					Depth at Beginning of Tour 1284					Singles					Depth at Beginning of Tour 1343						
					Footage Cored										Footage Cored										Footage Cored						
Kelly Down 39.44					Footage Drilled 292					Kelly Down 40.40					Footage Drilled 59					Kelly Down 39.74					Footage Drilled 381						
Total Pipe for Bottom 1294.00					Depth at End of Tour 1284					Total Pipe for Bottom 1343.08					Depth at End of Tour 1343					Total Pipe for Bottom 1724.00					Depth at End of Tour 1724						
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.		<u>And Additive</u>						1 hr.								1 hr.															
2 hr.								2 hr.					100			2 hr.					60										
3 hr.		<u>Drillcore 50 lb.</u>						3 hr.					80			3 hr.															
4 hr.								4 hr.					<u>Add water</u>			4 hr.					65										
5 hr.								5 hr.								5 hr.															
6 hr.								6 hr.					75			6 hr.					75										
7 hr.						500		7 hr.								7 hr.															
8 hr.					80			8 hr.								8 hr.					62										
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								
9"	OSCIG	48615	292	292				9"	OSCIG	48615	59	351				9"	53P	27934	381	381											
Deviation: Survey taken at 950 Degrees off 1° Direction								Deviation: Survey taken at Degrees off Direction								Deviation: Survey taken at 1500 Degrees off 0° Direction															
CREW				TIME ANALYSIS				CREW				TIME ANALYSIS				CREW				TIME ANALYSIS											
Derrickman	<u>Thue</u>			DRILLING	5 1/2			Derrickman	<u>Harris</u>			DRILLING	1 1/2			Derrickman	<u>Stubel</u>			DRILLING	6 3/4										
Cathead	<u>Stubel</u>			CORING				Cathead	<u>Knorr</u>			CORING				Cathead	<u>Williams</u>			CORING											
Fireman	<u>Othman</u>			REAMING				Fireman	<u>Lindquist</u>			REAMING				Fireman				REAMING											
Floorman	<u>Finkis</u>			CONDITIONING MUD				Floorman	<u>Sparks</u>			CONDITIONING MUD	4 1/4			Floorman	<u>Dasch</u>			CONDITIONING MUD											
Floorman				CIRCULATING				Floorman	<u>Wagner</u>			CIRCULATING				Floorman	<u>Dorrough</u>			CIRCULATING											
Driller	<u>Dorrough</u>			FISHING				Driller	<u>Weistner</u>			FISHING				Driller				FISHING											
				RUNNING DEVIATION	1/4							RUNNING DEVIATION								RUNNING DEVIATION	3/4										
Tool Pusher	<u>Madell</u> Signature			RUNNING ELECTRIC LOG				Tool Pusher	<u>Madell</u> Signature			RUNNING ELECTRIC LOG				Tool Pusher	<u>Madell</u> Signature			RUNNING ELECTRIC LOG											
Gallons Fuel Used				WAITING ON CEMENT				Gallons Fuel Used				WAITING ON CEMENT				Gallons Fuel Used	1/2			WAITING ON CEMENT											
Remarks:				OILING, GREASING	1/2			Remarks:				OILING, GREASING				Remarks:				OILING, GREASING	1/2										
				SHUT DOWN REPAIRS								SHUT DOWN REPAIRS								SHUT DOWN REPAIRS											
				TRIP TIME	2							TRIP TIME	2							TRIP TIME											
				TOTAL HOURS	8							TOTAL HOURS	8							TOTAL HOURS	8										
12.00 - 12.15 Servicing rig								8.00 - 8.15 Servicing rig								4.00 - 4.30 Servicing rig															
12.15 - 12.30 Running deviation survey								8.15 - 9.00 Drilling 9" hole								4.30 - 7.15 Drilling															
12.30 - 2.30 Trip to change bits Driller still								9.00 - 11.00 Conditioning mud - waiting on water								7.15 - 8.00 Running deviation survey															
2.30 - 4.00 Drilling 9" hole								11.00 - 11.45 Drilling 9" hole								8.00 - 12.00 Drilling															
								11.45 - 2.00 Conditioning mud - adding water																							
								2.00 - 4.00 Trip to change bits																							

Name and No. of Well Briggs Tatcho Lake No 1
Field Woodcut N.W.T.

HUSKY OIL & REFINING LTD. DRILLING RIG TOUR REPORT TOUR No. TWO

Date February 9, 1958 (8)
Name and No. of Rig Hardy # 14

TOUR No. THREE

TOUR No. ONE

TOUR No. TWO

TOUR No. ONE												TOUR No. TWO												TOUR No. THREE											
DRILL PIPE				CASING DEPTH				DRILL PIPE				CASING DEPTH				DRILL PIPE				CASING DEPTH															
Drill Collar Stand and Bit Reamers, Core Barrel, etc.				Size O.D. 10 3/4"				Drill Collar Stand and Bit Reamers, Core Barrel, etc.				Size O.D. 10 3/4"				Drill Collar Stand and Bit Reamers, Core Barrel, etc.				Size O.D. 10 3/4"															
STANDS				Depth of Shoe 588				STANDS				Depth of Shoe 588				STANDS				Depth of Shoe 588															
DEPTH OF HOLE				DEPTH OF HOLE				DEPTH OF HOLE				DEPTH OF HOLE				DEPTH OF HOLE																			
Singles				Depth at Beginning of Tour 450				Singles				Depth at Beginning of Tour 650				Singles				Depth at Beginning of Tour 720															
Footage Cored				Footage Drilled				Footage Cored				Footage Drilled				Footage Cored				Footage Drilled															
Kelly Down				Footage Drilled				Kelly Down				Footage Drilled				Kelly Down				Footage Drilled															
Total Pipe for Bottom				Depth at End of Tour 1050				Total Pipe for Bottom				Depth at End of Tour 720				Total Pipe for Bottom				Depth at End of Tour 992															
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.		Mud Additions						1 hr.								1 hr.		Mud Additions																	
2 hr.								2 hr.								2 hr.																			
3 hr.		Gel 1500 lb						3 hr.								3 hr.		Tanner 100 lb																	
4 hr.								4 hr.								4 hr.		Caustic Soda 50 lb																	
5 hr.								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												
9"	S3P	29357	-	35				9"	S3P	29357	70	105				9"	DSC	1007	272	272															
Deviation				Survey taken at				Degrees off				Direction				Deviation				Survey taken at				Degrees off				Direction							
CREW				TIME ANALYSIS				CREW				TIME ANALYSIS				CREW				TIME ANALYSIS															
Derrickman	T. Rue			DRILLING				Derrickman	Harris			DRILLING				Derrickman	Stubel			DRILLING															
Cathead	Stubel			CORING				Cathead	Knox			CORING				Cathead	Williams			CORING															
Fireman	Otkinson			REAMING				Fireman	Lindquist			REAMING				Fireman	Dorsey			REAMING															
Floorman	Finkis			CONDITIONING MUD				Floorman	Sparks			CONDITIONING MUD				Floorman	Dorsey			CONDITIONING MUD															
Floorman	Finkis			CIRCULATING				Floorman	Wagner			CIRCULATING				Floorman	Dorsey			CIRCULATING															
Driller	Dorsey			FISHING				Driller	Weinbach			FISHING				Driller	Dorsey			FISHING															
Tool Pusher	Madill			RUNNING DEVIATION				Tool Pusher	Madill			RUNNING DEVIATION				Tool Pusher	Madill			RUNNING DEVIATION															
Gallons Fuel Used				RUNNING ELECTRIC LOG				Gallons Fuel Used				RUNNING ELECTRIC LOG				Gallons Fuel Used				RUNNING ELECTRIC LOG															
Remarks:				WAITING ON CEMENT				Remarks:				WAITING ON CEMENT				Remarks:				WAITING ON CEMENT															
				OILING, GREASING								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															
12:00 - 8:00 Circulating reamers and mixing mud to clean gravel from bottom												8:00 - 1:00 Cleaning out gravel and drilling 1:00 - 4:00 Trip to change bits. Gravel still fishing in bottom of hole												4:00 - 4:15 Servicing rig 4:15 - 8:00 Drilling 9" hole 8:00 - 8:30 Working on mud pump 8:30 - 12:00 Drilling 9" hole											

Name and No. of Well Briggs Tatcho Lake No. 1
Field Wildcat N.W.T.

HUSKY OIL & REFINING LTD. DRILLING RIG TOUR REPORT TOUR No. TWO

Date February 8, 1958 ①
Name and No. of Rig Husky # 14

TOUR No. THREE

TOUR No. ONE										TOUR No. TWO										TOUR No. THREE									
DRILL PIPE					CASING DEPTH					DRILL PIPE					CASING DEPTH					DRILL PIPE					CASING DEPTH				
Drill Collar Stand and Bit Reamers, Core Barrel, etc.					Size O.D. <u>10 3/4</u>					Drill Collar Stand and Bit Reamers, Core Barrel, etc.					Size O.D. <u>10 3/4</u>					Drill Collar Stand and Bit Reamers, Core Barrel, etc.					Size O.D. <u>10 3/4</u>				
STANDS					Depth of Shoe <u>588</u>					STANDS					Depth of Shoe <u>588</u>					STANDS					Depth of Shoe <u>588</u>				
DEPTH OF HOLE										DEPTH OF HOLE										DEPTH OF HOLE									
Singles					Depth at Beginning of Tour <u>650</u>					Singles					Depth at Beginning of Tour <u>650</u>					Singles					Depth at Beginning of Tour <u>650</u>				
Footage Cored					Footage Drilled					Footage Cored					Footage Drilled					Footage Cored					Footage Drilled				
Kelly Down					Footage Drilled					Kelly Down					Footage Drilled					Kelly Down					Footage Drilled				
Total Pipe for Bottom					Depth at End of Tour <u>650</u>					Total Pipe for Bottom					Depth at End of Tour <u>650</u>					Total Pipe for Bottom					Depth at End of Tour <u>650</u>				
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.		<u>Mud Additions</u>								1 hr.		<u>Mud Additions</u>									1 hr.		<u>Mud Additions</u>						
2 hr.										2 hr.											2 hr.								
3 hr.		<u>Gel 1500 lb</u>								3 hr.		<u>Gel 2000 lb</u>									3 hr.		<u>Gel 1500 lb</u>						
4 hr.										4 hr.		<u>Gel Flake 2250</u>									4 hr.								
5 hr.										5 hr.		<u>Sawdust 1250</u>									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		
9"	S3P	279357	-	35						9"	S3P	279357	-	35						9"	S3P	279357	-	35					

CREW					TIME ANALYSIS					CREW					TIME ANALYSIS					CREW					TIME ANALYSIS				
Derrickman	Cathead	Fireman	Floorman	Driller	Derrickman	Cathead	Fireman	Floorman	Driller	Derrickman	Cathead	Fireman	Floorman	Driller	Derrickman	Cathead	Fireman	Floorman	Driller	Derrickman	Cathead	Fireman	Floorman	Driller	Derrickman	Cathead	Fireman	Floorman	Driller
<u>Stabel</u>	<u>Williams</u>	<u>Johnson</u>	<u>Deach</u>	<u>Derrough</u>	<u>Thue</u>	<u>Stabel</u>	<u>Lindquist</u>	<u>Fink</u>	<u>Wagner</u>	<u>Harris</u>	<u>Knorr</u>	<u>Speake</u>	<u>Derrough</u>	<u>Madill</u>	<u>Harris</u>	<u>Knorr</u>	<u>Speake</u>	<u>Derrough</u>	<u>Madill</u>	<u>Harris</u>	<u>Knorr</u>	<u>Speake</u>	<u>Derrough</u>	<u>Madill</u>	<u>Harris</u>	<u>Knorr</u>	<u>Speake</u>	<u>Derrough</u>	
Tool Pusher <u>Madill</u> Signature					Tool Pusher <u>Madill</u> Signature					Tool Pusher <u>Madill</u> Signature					Tool Pusher <u>Madill</u> Signature					Tool Pusher <u>Madill</u> Signature					Tool Pusher <u>Madill</u> Signature				
Gallons Fuel Used					Gallons Fuel Used					Gallons Fuel Used					Gallons Fuel Used					Gallons Fuel Used					Gallons Fuel Used				
Remarks:					Remarks:					Remarks:					Remarks:					Remarks:					Remarks:				
TRIP TIME					TRIP TIME					TRIP TIME					TRIP TIME					TRIP TIME					TRIP TIME				
TOTAL HOURS					TOTAL HOURS					TOTAL HOURS					TOTAL HOURS					TOTAL HOURS					TOTAL HOURS				

CONDITIONING MUD					CIRCULATING					FISHING					RUNNING DEVIATION					RUNNING ELECTRIC LOG					WAITING ON CEMENT					OILING, GREASING					SHUT DOWN REPAIRS				
4.00-8.00 Conditioning mud					8.00-2.30 Mixing mud					2.30-3.30 Reaming hole and trying to get rid of coarse gravel on bottom					3.30-4.00 Mixing mud					4.00-8.00 Conditioning mud					8.00-12.00 Reaming and circulating to clean mud from bottom of hole														

Name and No. of Well Brown Tatch Lake No 2
Field Wildcat N.W.T.

HUSKY OIL & REFINING LTD. DRILLING RIG TOUR REPORT TOUR No. TWO

Date February 7 1958
Name and No. of Rig Husky #14

TOUR No. THREE

TOUR No. ONE										TOUR No. TWO										TOUR No. THREE									
DRILL PIPE					CASING DEPTH					DRILL PIPE					CASING DEPTH					DRILL PIPE					CASING DEPTH				
Drill Collar Stand and Bit Reamers, Core Barrel, etc.					Size O.D. <u>10 3/4"</u>					Drill Collar Stand and Bit Reamers, Core Barrel, etc.					Size O.D. <u>10 3/4"</u>					Drill Collar Stand and Bit Reamers, Core Barrel, etc.					Size O.D. <u>10 3/4"</u>				
STANDS					Depth of Shoe <u>588</u>					STANDS					Depth of Shoe <u>588</u>					STANDS					Depth of Shoe <u>588</u>				
DEPTH OF HOLE										DEPTH OF HOLE										DEPTH OF HOLE									
Singles										Singles										Singles									
Depth at Beginning of Tour <u>615</u>										Depth at Beginning of Tour <u>615</u>										Depth at Beginning of Tour <u>640</u>									
Footage Cored										Footage Cored										Footage Cored									
Footage Drilled										Footage Drilled										Footage Drilled									
Depth at End of Tour <u>615</u>										Depth at End of Tour <u>640</u>										Depth at End of Tour <u>650</u>									
Total Pipe for Bottom										Total Pipe for Bottom										Total Pipe for Bottom									
Kelly Down										Kelly Down										Kelly Down									
Footage Drilled										Footage Drilled										Footage Drilled									
Total Pipe for Bottom										Total Pipe for Bottom										Total Pipe for Bottom									
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.		Mud Addition								1 hr.		Mud Addition								1 hr.		Mud Addition							
2 hr.		Bicarbonate of Soda			500 lb					2 hr.		Gel 3500 lb								2 hr.		Gel 2600 lb							
3 hr.		Gel			1000 lb					3 hr.		Drillcore 25x					80			3 hr.									
4 hr.										4 hr.										4 hr.									
5 hr.										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		
9"	S3P	257357	-	-						9"	S3P	257357	25	25						9"	S3P	257357	10	35					

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	<u>Stibel</u>		DRILLING			Derrickman	<u>Ther</u>		DRILLING			Derrickman	<u>Harris</u>		DRILLING		
Cathead	<u>Williams</u>		CORING			Cathead	<u>Stibel</u>		CORING			Cathead	<u>Koon</u>		CORING		
Fireman	<u>Atkinson</u>		REAMING			Fireman	<u>Lindquist</u>		REAMING			Fireman			REAMING		
Floorman			CONDITIONING MUD			Floorman	<u>Finken</u>		CONDITIONING MUD			Floorman	<u>Spaul</u>		CONDITIONING MUD		
Floorman	<u>Doek</u>		CIRCULATING			Floorman	<u>Wagner</u>		CIRCULATING			Floorman	<u>Derranph</u>		CIRCULATING		
Driller	<u>Derranph</u>		FISHING			Driller	<u>Wagner</u>		FISHING			Driller			FISHING		
Tool Pusher	<u>Madill</u>	Signature	RUNNING DEVIATION			Tool Pusher	<u>Madill</u>	Signature	RUNNING DEVIATION			Tool Pusher	<u>Madill</u>	Signature	RUNNING DEVIATION		
Gallons Fuel Used			RUNNING ELECTRIC LOG			Gallons Fuel Used			RUNNING ELECTRIC LOG			Gallons Fuel Used			RUNNING ELECTRIC LOG		
Remarks:			WAITING ON CEMENT			Remarks:			WAITING ON CEMENT			Remarks:			WAITING ON CEMENT		
			OILING, GREASING						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		

TOUR No. ONE		TOUR No. TWO		TOUR No. THREE	
12.00 - 2.00	Repair mouse hole	8.00 - 8.15	Service Rig	4.00 - 4.30	Drilling - lost circulation
2.00 - 4.00	Drilling - lost cement and shoe	8.15 - 9.00	Drilling - lost circulation	4.30 - 12.00	Mixing mud
4.00 - 8.00	Conditioning mud	9.00 - 12.00	Repairing leaks in blowout preventer		
		12.00 - 4.00	Conditioning mud		

Name and No. of Well Briggs Tatum Lake No 1
Field W. Locust N.W.T.

HUSKY OIL & REFINING LTD. DRILLING RIG TOUR REPORT TOUR No. TWO

Date February 6 1958 (3)
Name and No. of Rig Husky #14
TOUR No. THREE

TOUR No. ONE

TOUR NO. ONE										TOUR NO. TWO										TOUR NO. THREE									
DRILL PIPE					CASING DEPTH					DRILL PIPE					CASING DEPTH					DRILL PIPE					CASING DEPTH				
Drill Collar Stand and Bit Reamers, Core Barrel, etc.					Size O.D. 10 3/4					Drill Collar Stand and Bit Reamers, Core Barrel, etc.					Size O.D. 10 3/4					Drill Collar Stand and Bit Reamers, Core Barrel, etc.					Size O.D. 10 3/4				
STANDS					Depth of Shoe 588					STANDS					Depth of Shoe 588					STANDS					Depth of Shoe 588				
					DEPTH OF HOLE										DEPTH OF HOLE										DEPTH OF HOLE				
Singles					Depth at Beginning of Tour 1015					Singles					Depth at Beginning of Tour 1015					Singles					Depth at Beginning of Tour 1015				
					Footage Cored										Footage Cored										Footage Cored				
Kelly Down					Footage Drilled					Kelly Down					Footage Drilled					Kelly Down					Footage Drilled				
Total Pipe for Bottom					Depth at End of Tour 615					Total Pipe for Bottom					Depth at End of Tour 615					Total Pipe for Bottom					Depth at End of Tour 615				
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.										1 hr.										1 hr.									
2 hr.										2 hr.										2 hr.									
3 hr.										3 hr.										3 hr.									
4 hr.										4 hr.										4 hr.									
5 hr.										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		

Name and No. of Well Brigg Tatcho Lake No. 2
Field Wildcat N.W.T.

HUSKY OIL & REFINING LTD. DRILLING RIG TOUR REPORT

Date February 5, 1958 (4)
Name and No. of Rig Husky #14

TOUR No. ONE

TOUR No. TWO

TOUR No. THREE

DRILL PIPE							CASING DEPTH							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.							Drill Collar Stand and Bit Reamers, Core Barrel, etc.							Size O.D.						
STANDS							Depth of Shoe							STANDS							Depth of Shoe							STANDS							Depth of Shoe						
Singles							DEPTH OF HOLE							Singles							DEPTH OF HOLE							Singles							DEPTH OF HOLE						
Kelly Down							Footage Cored							Kelly Down							Footage Cored							Kelly Down							Footage Cored						
Total Pipe for Bottom							Footage Drilled							Total Pipe for Bottom							Footage Drilled							Total Pipe for Bottom							Footage Drilled						
Depth at End of Tour							615							Depth at End of Tour							615							Depth at End of Tour							615						
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.												1 hr.													1 hr.																
2 hr.												2 hr.													2 hr.																
3 hr.												3 hr.													3 hr.																
4 hr.												4 hr.													4 hr.																
5 hr.												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			

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	<u>Stabel</u>	DRILLING		Derrickman	<u>True</u>	DRILLING		Derrickman	<u>Harris</u>	DRILLING	
Cathead	<u>Williams</u>	CORING		Cathead	<u>Stabel</u>	CORING		Cathead	<u>Know</u>	CORING	
Fireman	<u>Atkinson</u>	REAMING		Fireman	<u>Lindquist</u>	REAMING		Fireman		REAMING	
Floorman	<u>Darch</u>	CONDITIONING MUD		Floorman	<u>Wagner</u>	CONDITIONING MUD		Floorman		CONDITIONING MUD	
Floorman		CIRCULATING		Floorman	<u>Finkis</u>	CIRCULATING		Floorman	<u>Shorla</u>	CIRCULATING	
Driller	<u>Derrough</u>	FISHING		Driller	<u>Weichman</u>	FISHING		Driller	<u>Derrough</u>	FISHING	
Tool Pusher	<u>Madill</u> Signature	RUNNING DEVIATION		Tool Pusher	<u>Madill</u> Signature	RUNNING DEVIATION		Tool Pusher	<u>Madill</u> Signature	RUNNING DEVIATION	
Gallons Fuel Used		RUNNING ELECTRIC LOG		Gallons Fuel Used		RUNNING ELECTRIC LOG		Gallons Fuel Used		RUNNING ELECTRIC LOG	
Remarks:		WAITING ON CEMENT		Remarks:		WAITING ON CEMENT		Remarks:		WAITING ON CEMENT	
		OILING, GREASING				OILING, GREASING				OILING, GREASING	
		SHUT DOWN REPAIRS				SHUT DOWN REPAIRS				SHUT DOWN REPAIRS	
		TRIP TIME				TRIP TIME				TRIP TIME	
		TOTAL HOURS	8			TOTAL HOURS	8			TOTAL HOURS	8

12.00 - 4.00	Run in with 13 3/4" bit and reamed test hole	9.00 - 9.00	Pulling out of hole	4.00 - 5.00	Cementing surface casing
4.00 - 8.00	Circulating - No Right	9.00 - 10.00	Raising up to new casing		Plus displaced at 4.53 PM at 500 # to Flat Collar
		10.00 - 2.00	Run 14 joints of 10 3/4" x 32.75 # J55 New Monogram casing. Total length 575.71' including Baker Guide Shoe and Baker Float Collar Shoe at 587.86' Float collar at 542.29'	5.00 - 12.00	Standing cemented
					K.B. to casing collar 12.15' (5.8' up on landing point)
		2.00 - 3.15	Circulating & working casing		
		3.15 - 4.00	Cementing casing		
		3.20 - 3.44	Mixing 280 5% Inert cement		
		3.42	Plug in pipe		

Name and No. of Well BRIGGS TETCHO LAKE No 1
Field Wildcat N.W.T.

HUSKY OIL & REFINING LTD. DRILLING RIG TOUR REPORT TOUR No. TWO

Date February 4 1958 (3)
Name and No. of Rig Husky #14

TOUR No. ONE

TOUR No. TWO

TOUR No. THREE

DRILL PIPE										CASING DEPTH										DRILL PIPE										CASING DEPTH																																																	
10 Drill Collar Stand and Bit Reamers, Core Barrel, etc.					279.82					Size O.D.					Depth of Shoe					STANDS					STANDS					STANDS					STANDS																																												
Singles										320.03										Depth at Beginning of Tour										615										Footage Cored										Footage Drilled										Depth at End of Tour										615									
Kelly Down										15.15										Footage Cored										Footage Drilled										Depth at End of Tour										615																													
Total Pipe for Bottom										615.00										Footage Cored										Footage Drilled										Depth at End of Tour										615																													
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.																																																																															
2 hr.																																																																															
3 hr.																																																																															
4 hr.																																																																															
5 hr.																																																																															
6 hr.																																																																															
7 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									
1 3/4										OSC3										20332										0										121																																							
Deviation										Survey taken at										Degrees off										Direction										Deviation										Survey taken at										Degrees off										Direction									
CREW										TIME ANALYSIS										CREW										TIME ANALYSIS										CREW										TIME ANALYSIS																													
Derrickman										Stubel										Derrickman										Thre										Derrickman										Harris																													
Cathead										Williams										Cathead										Stubel										Cathead										Kron																													
Fireman										Atherton										Fireman										Lindquist										Fireman																																							
Floorman										Dach										Floorman										Finkis										Floorman										Sparks																													
Floorman																				Floorman										Wagner										Floorman																																							
Driller										Derrough										Driller										Weichear										Driller										Derrough																													
Tool Pusher										Medell										Tool Pusher										Mar. 12										Tool Pusher										Medell																													
Gallons Fuel Used																				Gallons Fuel Used																				Gallons Fuel Used										1/4																													
Remarks:																				Remarks:																				Remarks:										7 3/4																													
TOTAL HOURS										8										TOTAL HOURS										8										TOTAL HOURS										8																													
12.00 - 1.00										Working on mud pump										8.00 - 8.15										Service rig										4.00 - 5.45										Ran in with 13 1/2" bits to near																													
1.00 - 1.30										Circulating										8.15 - 9.00										Rigging up to run casing										5.45 - 7.00										Circulating																													
1.30 - 4.30										Trip to clean out to bottom and ream										9.00 - 1.00										Running casing Hung up at 320'										7.00 - 7.30										Pulled out of hole																													
										Tight spots										1.00 - 4.00										Pulling casing										7.00 - 9.00										Rigging up to run casing																													
4.30 - 5.00										Circulating																														9.00 - 10.30										Running casing Hung up at 320'																													
5.00 - 6.00										Trip to clean out hole to bottom																														10.30 - 12.00										Pulling casing																													
6.00 - 6.30										Circulating																																																																					
6.30 - 7.00										Pulled out to run casing																																																																					
7.00 - 8.00										Rigging up to run casing																																																																					

Name and No. of Well Briggs Tatcho Lake No 1
Field Wildcat

HUSKY OIL & REFINING LTD. DRILLING RIG TOUR REPORT TOUR No. TWO

Date February 3, 1958
Name and No. of Rig Husky # 14
TOUR No. THREE

TOUR No. ONE										TOUR No. TWO										TOUR No. THREE									
DRILL PIPE					CASING DEPTH					DRILL PIPE					CASING DEPTH					DRILL PIPE					CASING DEPTH				
4 Drill Collar Stand and Bit Reamers, Core Barrel, etc. 113.65					Size O.D. 10 279.92					Size O.D. 10 279.92					Size O.D. 10 279.92					Size O.D. 10 279.92					Size O.D. 10 279.92				
STANDS					STANDS					STANDS					STANDS					STANDS					STANDS				
Singles					Singles					Singles					Singles					Singles					Singles				
Kelly Down 40.44					Kelly Down 40.40					Kelly Down 40.40					Kelly Down 40.40					Kelly Down 40.40					Kelly Down 40.40				
Total Pipe for Bottom 154.09					Total Pipe for Bottom 154.00					Total Pipe for Bottom 154.00					Total Pipe for Bottom 154.00					Total Pipe for Bottom 154.00					Total Pipe for Bottom 154.00				
Formation During Last Hour (Include Oil and Gas Shows)					Formation During Last Hour (Include Oil and Gas Shows)					Formation During Last Hour (Include Oil and Gas Shows)					Formation During Last Hour (Include Oil and Gas Shows)					Formation During Last Hour (Include Oil and Gas Shows)					Formation During Last Hour (Include Oil and Gas Shows)				
1 hr. Mud additives					1 hr. Mud additives					1 hr. Mud additives					1 hr. Mud additives					1 hr. Mud additives					1 hr. Mud additives				
2 hr. Gel 3000 lb					2 hr. Gel 3000 lb					2 hr. Gel 3000 lb					2 hr. Gel 3000 lb					2 hr. Gel 3000 lb					2 hr. Gel 3000 lb				
3 hr.					3 hr.					3 hr.					3 hr.					3 hr.					3 hr.				
4 hr.					4 hr.					4 hr.					4 hr.					4 hr.					4 hr.				
5 hr.					5 hr.					5 hr.					5 hr.					5 hr.					5 hr.				
6 hr.					6 hr.					6 hr.					6 hr.					6 hr.					6 hr.				
7 hr.					7 hr.					7 hr.					7 hr.					7 hr.					7 hr.				
8 hr.					8 hr.					8 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					Size Type Serial No. Footage This Tour Total Footage					Size Type Serial No. Footage This Tour Total Footage					Size Type Serial No. Footage This Tour Total Footage					Size Type Serial No. Footage This Tour Total Footage					Size Type Serial No. Footage This Tour Total Footage				
13 3/4 OSC3 20564 29 142					13 3/4 OSC3 20564 311 453					13 3/4 OSC3 20564 311 453					13 3/4 OSC3 20564 311 453					13 3/4 OSC3 20564 311 453					13 3/4 OSC3 20564 311 453				
To From Recovery					To From Recovery					To From Recovery					To From Recovery					To From Recovery					To From Recovery				
13 3/4 OSC3 20564 29 142					13 3/4 OSC3 20564 311 453					13 3/4 OSC3 20564 311 453					13 3/4 OSC3 20564 311 453					13 3/4 OSC3 20564 311 453					13 3/4 OSC3 20564 311 453				
Deviation Survey taken at 200 Degrees off 1/2 Direction					Deviation Survey taken at 200 Degrees off 1/2 Direction					Deviation Survey taken at 200 Degrees off 1/2 Direction					Deviation Survey taken at 200 Degrees off 1/2 Direction					Deviation Survey taken at 200 Degrees off 1/2 Direction					Deviation Survey taken at 200 Degrees off 1/2 Direction				
CREW					TIME ANALYSIS					CREW					TIME ANALYSIS					CREW					TIME ANALYSIS				
Derrickman Stibel					Derrickman Thue					Derrickman Harris					Derrickman Harris					Derrickman Harris					Derrickman Harris				
Cathead Williams					Cathead Stibel					Cathead Knorr					Cathead Knorr					Cathead Knorr					Cathead Knorr				
Fireman Peterson					Fireman Linquist					Fireman					Fireman					Fireman					Fireman				
Floorman					Floorman Finkis					Floorman					Floorman					Floorman					Floorman				
Floorman					Floorman					Floorman					Floorman					Floorman					Floorman				
Driller Derrough					Driller Weishaar					Driller					Driller					Driller					Driller				
Tool Pusher Madill Signature					Tool Pusher Madill Signature					Tool Pusher Madill Signature					Tool Pusher Madill Signature					Tool Pusher Madill Signature					Tool Pusher Madill Signature				
Gallons Fuel Used					Gallons Fuel Used					Gallons Fuel Used					Gallons Fuel Used					Gallons Fuel Used					Gallons Fuel Used				
Remarks:					Remarks:					Remarks:					Remarks:					Remarks:					Remarks:				
TRIP TIME					TRIP TIME					TRIP TIME					TRIP TIME					TRIP TIME					TRIP TIME				
TOTAL HOURS					TOTAL HOURS					TOTAL HOURS					TOTAL HOURS					TOTAL HOURS					TOTAL HOURS				
12.00 - 6.00 Conditioning mud					8.00 - 9.15 Service rig					4.00 - 4.15 Service rig					4.00 - 4.15 Service rig					4.00 - 4.15 Service rig					4.00 - 4.15 Service rig				
6.00 - 8.00 Drilling 13 3/4" hole					9.15 - 11.00 Drilling 13 3/4" hole					4.15 - 6.15 Drilling 13 3/4" hole					4.15 - 6.15 Drilling 13 3/4" hole					4.15 - 6.15 Drilling 13 3/4" hole					4.15 - 6.15 Drilling 13 3/4" hole				
					11.00 - 11.15 Drilling survey					6.15 - 7.15 Trip for new bit					6.15 - 7.15 Trip for new bit					6.15 - 7.15 Trip for new bit					6.15 - 7.15 Trip for new bit				
					11.15 - 3.45 Drilling 13 3/4" hole					7.15 - 11.45 Drilling 13 3/4" hole					7.15 - 11.45 Drilling 13 3/4" hole					7.15 - 11.45 Drilling 13 3/4" hole					7.15 - 11.45 Drilling 13 3/4" hole				
					3.45 - 4.00 Drilling survey					11.45 - 12.00 Drilling survey					11.45 - 12.00 Drilling survey					11.45 - 12.00 Drilling survey					11.45 - 12.00 Drilling survey				

Name and No. of Well Briggs Tatcho Lake #1
Field Wildcat

HUSKY OIL & REFINING LTD. DRILLING RIG TOUR REPORT

Date February 2, 1958 ①
Name and No. of Rig Husky #14

TOUR No. ONE

TOUR No. TWO

TOUR No. THREE

DRILL PIPE		CASING DEPTH		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.		Drill Collar Stand and Bit Reamers, Core Barrel, etc.		Size O.D.	
STANDS		Depth of Shoe		STANDS		Depth of Shoe		STANDS		Depth of Shoe	
DEPTH OF HOLE		DEPTH OF HOLE		DEPTH OF HOLE		DEPTH OF HOLE		DEPTH OF HOLE		DEPTH OF HOLE	
Singles		Depth at Beginning of Tour		Singles		Depth at Beginning of Tour		Singles		Depth at Beginning of Tour	<u>Surface</u>
Kelly Down		Footage Cored		Kelly Down		Footage Cored		Kelly Down		Footage Cored	
Total Pipe for Bottom		Footage Drilled		Total Pipe for Bottom		Footage Drilled		Total Pipe for Bottom	<u>40.40</u>	Footage Drilled	<u>113</u>
		Depth at End of Tour				Depth at End of Tour			<u>124.81</u>	Depth at End of Tour	<u>125</u>
1 hr.	<u>Mud additives</u>	Wt. Indic. Reading		1 hr.	<u>Mud additives</u>	Wt. Indic. Reading		1 hr.	<u>Mud additives</u>	Wt. Indic. Reading	
2 hr.		Mud Weight		2 hr.		Mud Weight		2 hr.		Mud Weight	
3 hr.	<u>Gel 4200 lb</u>	Mud Viscosity		3 hr.	<u>Gel 4500 lb</u>	Mud Viscosity		3 hr.	<u>Caustic 50 lb</u>	Mud Viscosity	
4 hr.		Pump Pressure		4 hr.		Pump Pressure		4 hr.	<u>Lime 25 lb</u>	Pump Pressure	
5 hr.		Changes of Mud		5 hr.		Changes of Mud		5 hr.	<u>Gel 500 lb</u>	Changes of Mud	
6 hr.		Time		6 hr.		Time		6 hr.		Time	
7 hr.		Depth		7 hr.		Depth		7 hr.		Depth	
8 hr.		Formation During Last Hour (Include Oil and Gas Shows)		8 hr.		Formation During Last Hour (Include Oil and Gas Shows)		8 hr.		Formation During Last Hour (Include Oil and Gas Shows)	

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		

CREW		TIME ANALYSIS		CREW		TIME ANALYSIS		CREW		TIME ANALYSIS	
Derrickman	<u>Stabel</u>	DRILLING		Derrickman	<u>Thue</u>	DRILLING		Derrickman	<u>Harris</u>	DRILLING	
Cathead	<u>Williams</u>	CORING		Cathead	<u>Stabel</u>	CORING		Cathead		CORING	
Fireman	<u>Atkinson</u>	REAMING		Fireman	<u>Lindquist</u>	REAMING		Fireman		REAMING	
Floorman		CONDITIONING MUD		Floorman	<u>Finkis</u>	CONDITIONING MUD		Floorman	<u>Sparle</u>	CONDITIONING MUD	
Floorman		CIRCULATING		Floorman		CIRCULATING		Floorman	<u>Wagner</u>	CIRCULATING	
Driller	<u>Derraugh</u>	FISHING		Driller	<u>Wiskar</u>	FISHING		Driller	<u>Derraugh</u>	FISHING	
Tool Pusher	<u>Madill</u> Signature	RUNNING DEVIATION		Tool Pusher	<u>Madill</u> Signature	RUNNING DEVIATION		Tool Pusher	<u>Madill</u> Signature	RUNNING DEVIATION	
Gallons Fuel Used		RUNNING ELECTRIC LOG		Gallons Fuel Used		RUNNING ELECTRIC LOG		Gallons Fuel Used		RUNNING ELECTRIC LOG	
Remarks:		WAITING ON CEMENT		Remarks:		WAITING ON CEMENT		Remarks:		WAITING ON CEMENT	
		OILING, GREASING				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	
12.00 - 5.00 Rigging up and mixing mud				8.00 - 4.00 Rigging up and mixing mud				SPUDDED AT 4 PM			
5.00 - 8.00 Digging test hole								4.00 - 8.00 Drilling 13 3/4" hole			
								8.00 - 10.00 Mixing mud			
								10.00 - 11.00 Working on sand pump			
								11.00 - 12.00 Mixing mud			