Drilling Authority No. 224

Date Issued 14-1-66

WELL NAME Texaco Bovie Lake J-72

FIELD Wildcat Area:

LOCATION: Unit J Section -- Grid 60-20 - 122-45

Latitude 60-11-39 Longitude 122-58-44

From Established Reference Marker

U.W.I.R. - 60.19416 - 122.97889

U.W.I. No. 300J726020120860

Rig Release Date: March 7, 1967

Status Suspended Gas Well

Information Release Date

CHANGE OF NAME:

DATE RECEIVED	INDEX
14-1-66	Application for a Drilling Authority.
	Well Completion Data.
	Well History Report.
	Application to Amend a Drilling Authority.
20-5-66	Application to change a Well Name.
20-5-66	Application to Abandon a Well or Suspend Drilling.
30-12-66	Application to Alter Condition of a Well.
	Well History Supplement.
Recd. 4-1-68	Well Completion Data.
	Work-over Report No.
	Application to Commingle Production before Measurement.
	Data for Back Pressure Test on Natural Gas Wells — Monograph 7 Method.
	Data for Back Pressure Test on Natural Gas Wells — Vitter's Method.
	M.P.R. — Oil — Calculations.
	New Oil Well Report.
	New Gas Well Report.
	Well Inspection Report.
	Rig Inspection Report.
	Battery Inspection Report.
	Equipment Report.
	Well Card.
	Well Visit.
	Daily Drilling Reports.
	Logs. Large scale ..... Small scale .....

Drilling Authority No. 224

Date Issued Jan. 14, 1966.

CANADA

DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES
RESOURCE MANAGEMENT DIVISION

WELL COMPLETION DATA

To be submitted in duplicate within thirty days after the completion, rework, abandonment, recompletion or suspension of every well.

Well name and number Texaco Bovie Lake J-72

Permit No. Lease No. 8-59

Exploratory Licence No.

(Permittee, Licensee, Lessee) Texaco Exploration Company Exploratory Licence No. 697 - 1144

(Operator)

Location: Unit J Section 72 Grid 60°20'N., 122°45'W.

Latitude 60°11'39"N. Longitude 122°58'44"W.

From Established Reference Marker Approx. 57,300'N. & 2500'W. of Mayday Triangulation Station which is 60°02'14.356"; 122°58'00.312"

	DATE	DEPTH
Spudded	Feb.6/66	
Suspended	Apr.20/66	9548
Resumed Drilling	Jan.1/67	9548
Finished Drilling	Feb.7/67	11034
Deepened		
Complete (gas/oil)	Mar. 11/67 PBD	9995
Abandoned		
Rig released	Mar.7/67	11,034

Pool (s)

Interval(s) open to production 9752'-9754'
9859'-9864'
9933'-9935'
9978'-9980'

Elevation: Gr. 1251.2

K.B. 1266.5

Drilling Contractor & Rig No. Cascade Drlg. #19

Contractor's Business Licence No. A 10227 - 24298

CASING RECORD

	Casing Size (inches)	Grade	Weight	Amount	Set at—	Sacks of Cement and Additives
1.	13 3/8	J-55	48#	36 Jts.	1160	1050 + 2% CaCl in last 200 sacks
2.	7	N-80-J-55	26#-29#	49 Jts.	9054	750 CaCl, retard mixing
3.	5" Liner	N-80	18#	55 Jts.	8,868-TD	300 + 1% Kenflo + 2½% HR-12 + .2% NF-1
4.	2⅞ Tubing	J-55	6.5#	77 Jts.	9802'	See Well History Report - Page 4
5.	3½"	CS Hyd.	9.3#	241 Jts		
6.						

GEOLOGICAL TOPS	ELEVATION Depths	ELEVATION Sub-Sea
Miss. Flett	542	+ 725
Ft.St.John	672	+ 595
Perm. Fantasque	1176	+ 91
Miss. Flett	1275	- 8
Banff	3794	-2527
Exshaw	5395	-4128
Kotcho	5444	-4177
First Limestone	5691	-4424
Tetcho	5606	-5339
Kakisa	6974	-5698
Ft. Simpson	7043	-5776
Muskwa	9492	-8225
Pine Pt. Limest.	9740	-8473
Pine Pt. Dol.	9850	-8583
? Arnica	10720	-9453

CORE RECORD

From	To	Rec.	From	To	Rec.
~~9597~~	~~9630~~	~~33~~			
9743	9803	60			
10034	10070	34			
10123	10183	60			
10183	10226	43			
10226	10263	37			

LOG RECORD

Run No.	Type of Log	From	To
1	Induction	1148	9546
1	~~Micro~~-Caliper	1160	4540
1	Caliper	1153	9228
1	Sonic	1153	9223
1	Cont. Dipmeter	1148	9100
1	Dual Induction	9038	11044
2	Sonic	9058	11050
1	Form. Dens.	9058	11048
1	Compl. Rec.	8850	10400
	Compl. Rec.	9900	10075
	Compl. Rec.	9800	9973
	Lithological	930	9548
	Geophysical (SRS)	1153	11048

MANR 52-8012 (7-65)

CEMENTING RECORD (Plug, Squeeze, etc.)

Date	From	To	Remarks
2/28/67			Ran Otis Perm. Packer at 9800'
2/20/67			Set Baker Model D PN Bridge Plug @ 10088'
2/22/67	10088	10078	10' Cement Plug (1 sk cement) cement + ½% HR-12. Filled to 10078'
2/23/67			Ran Baker Model K Bridge Plug @ 10005'
2/24/67	10005	9995	10 ft. cement + ½% HR-12

PERFORATING RECORD (Bullet, Jet)

Date	From	To	Remarks
2/15/67	10104	10109	1 shot/foot Int.#1
2/20/67	10024	10026	1 shot/foot Int.#2
	10028	10030	
	10056	10058	
	10060	10062	
	10065	10067	
2/23/67	9851	9855	1 shot/foot Int.#3
	9858	9863	
	9864	9868	
	9932	9934	
	9971	9979	

SERVICING RECORD (Acidizing, Fracing, etc.)

Date	From	To	Remarks
3/3/67	9851	9855	10,000 gals. acetic acid. Treated with Morflo and Surfactant ~~ahead~~ the pumping zone
"	9858	9863	
"	9864	9868	
"	9932	9934	
"	9971	9979	

Note: See Well History Report for acidization details. Also plugged off zones.

DRILL STEM TESTS

No.	Date	Formation	From	To	V.O. Mins.	I.S.I. Mins.	F.S.I. Mins.	I.S.I.B.H.P.	F.S.I.B.H.P.	I.F.B.H.P.	F.F.B.H.P.	I.H.P.	F.H.P.	REMARKS
1	1/17/67	Miss.	9940	10093										Misrun - Seat Failure.
2	1/19/67		9830	10102	5/30	45	45	4526	4500	1535 2nd F. 1924	1894 3312	4992	4863	Used 3500' Diesel cushion. Rec. 900' Diesel cush., 1350' drlg. fluid, 5' salt water. (Partial Misrun)
3	1/25/67		9800	10274	3/180	50	60	4527	4472	1669 2nd F. 1971	1976 1280	5013	4925	Used 3500' Diesel Cush. GTS in 32 mins @ 3.2 MMcf/d. decr. to 2.6 MMcf/d. at end of test. Water spray to Surf. in 90 Mins. Rec. 830' salt water
4	2/16/67		10104	10109	180	45	45	1702	1536	1411	1427	5050	5050	GIP, TAB, Decr. to 0. Used 3550' Diesel cush. Rec. 680' diesel cush, 2670' g.c. Diesel, 200' g.c. Diesel & mud, 230' g.c. mud. BHT 358°F.

ANALYSIS

Lab. No.	Sample	From	To	Source	Remarks
F67-328	Core #3	10034	10070	Core Test	
F67-328	Core #4	10123	10183	Core Test	
F67-328	Core #5	10183	10226	Core Test	
F67-328	Core #6	10226	10263	Core Test	
E67-2963	Gas	9800	10274	D.S.T. #3	
E67-3285	Gas	9852	9980	D.S.T. #8	
E67-342	Water	9830	10102	D.S.T. #2	
F67-348	Water	9800	10274	D.S.T. #3	
F67-447-3	Water	9851	9979	Perforations	
F67-363	"	9800	10274	D.S.T. #3	

PRESENT STATUS OF WELL

Oil ____ (Interval)

Gas ____ (Interval)

Dry ____

Susp. March 7, 1967

Company TEXACO EXPLORATION COMPANY

Signed by R. R. Baker

Title Assistant Manager.

Date April 5, 1967.

Forms to be prepared in duplicate and forwarded to the Oil Conservation Engineer, Calgary, Alberta.

DRILLSTEM TESTS CONTINUED:

No.	Date	Formation	From	To	VO Mins.	ISI Mins.	FSI Mins.	ISIBHP	FSIBHP	IFBHP	FFBHP	IHP	FHP	REMARKS
5	2/18/67 20		10104	10109	180	45	45	4573	4443	719	1296	5012	4981	Used 1050' Diesel cush. GIP, VAB - dead in 60 mins. Rec. 1023' gas cut mud, 800' gas cut Diesel, 180' gas cut Diesel, mud & water, 790' gas cut acid & salt water.
6	2/21/67		10024	10067	360	45	45	4558	4465	442	556	4991	4991	Used 1050' Diesel cush. GIP, weak to moderate air blow, GTS, TSTM after 4 Hrs., Rec. 1050' gas cut Diesel cush., 370' gas cut mud, very salty, BHT 354°F.
7	2/23/67		10024	10067	240	45	45	4600	4460	344	765	4769	4769?	Used 1050' Diesel cush. GIP, weak air blow incr. GTS in 45 mins., TSTM, Rec. 1050' gas cut Diesel (200' sl. muddy) 940' sl. acid and salty very gas cut water. BHT 350°F.
8	2/24/67		9852	9980	180	45	45	3398	1911	447	397	4767	4767	Used 1050' Diesel cush. GIP, VAB, GTS in 135 mins., TSTM. Rec. 1050' Diesel cush. Last 50' sl. muddy. BHT 350°F.
9	2/25/67		9852	9980	300	45	45	4585	4262	331	459	4600	4555	No cush. used. VIP, incr. blow GTS in 10 mins. muddy Diesel to Surf. in 120 mins. to end of test. 362 Mcf. after 30 mins., 410 Mcf. after 60 mins., 410 Mcf. after 90 mins. Rec. 200' gas cut muddy Diesel, 1000' gas cut acid water. BHT 350°F.

File No. .....

Drilling Authority No. 224

DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES
RESOURCE MANAGEMENT DIVISION

Application to Change a Well Name

Application is made hereby to change the name of the well, recorded in the Well-names Register as—

Texaco NPA Bovie Lake J-72
(Old name)

to Texaco Bovie Lake J-72
(Proposed new name)

Well Location

Location: Unit J Section 72 Grid 60°20'N., 122°45'W.

Latitude 60°11'39"N. Longitude 122°58'44"W.

From Established Reference Marker Approx. 57,300' N. & 2,500'W. of Mayday Triangulation Station, which is 60°02'14.356", 122°58'00.332"

Reason for Changing Well Name

To coincide with the registered owners of N.W.T. Leases 8-59 to 17-59, inclusive.

Dated at Calgary this 4th day of March 1966

Signed by [signature]

Title Superintendent, N.P.A.

Company TEXACO EXPLORATION COMPANY

(For Resource Management Division use only)

APPROVED

This application has been examined and approved:

Date 20th May, 1966 (for) Oil Conservation Engineer [signature]

Forms to be submitted in triplicate to the Oil Conservation Engineer, Calgary, Alberta.

NANR 52-90-4 (7-65)

File No.

Drilling Authority No. 224

Department of Indian Affairs and Northern Development
Resource & Economic Development Group

~~DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES~~
~~MINERAL RESOURCES DIVISION~~

Application to Alter Condition of a Well

Notice of Intention to ~~Resume Operations~~ Reopen a Suspended Well

(Strike out words that are not applicable.)

In compliance with the "Canada Oil and Gas Land Regulations", application is hereby made for approval to:

Type of operation: Reopen and deepen

Name and number of well: Texaco Bovie Lake J-72

Location: Unit J Section 72

Latitude 60°11'39" N Longitude 122°38'44" W Grid 60°20'N, 122°45'W

From Established Reference Marker Approx. 57,300' N and 2,500' W of MAYDAY triangulation station which is 60°02'14.356"N 122°58'00.332"W

Permit No. Lease No. S-59

Permittee, Licensee, Lessee Texaco Exploration Company

OIL, GAS, AND WATER ENCOUNTERED

(Depths)

Oil at None encountered

Gas at None encountered

Water at None encountered

Total depth 9348 Date of last operation April 16, 1966

Present condition of well Suspended

CASING RECORD

Casing Size O.D. (Inches)	Weight	Amount	Set at—	Sacks of Cement and Additives	Amount Pulled
1. 13 3/8"	48# J-55	36 Jts.	1160	1080 sx + 2% CaCl2	
2.				in last 200 sx. Recemented	
3.				with 100 sx. +4% CaCl2	
4. 7"	26# N-80	49 Jts.	)		
5. 7"	23# N-80	134 Jts.	)9054.37	750 sx.	
6. 7"	23# J-55	108 Jts.	)		

OPERATION PROPOSED

(If more space is required, attach additional sheet)

Program of operations — (Plugs, perforations, rework, etc.) Reopen and drill

Operations to be carried out by Cascade Drilling Contractor's Business Licence No. 24298

Address 5112 - 3rd St. S.E., Calgary, Alberta

Responsible agent in field E.B. Brown

Dated at Calgary, this 30 day of December 19 66

Signed by [signature] Address Texaco Exploration, Ft. St. John B.C.

Title Superintendant N.F.A. Company Texaco Exploration Company

Operator's Exploratory Licence No. ~~687~~ 1144

Note:—The Oil Conservation Engineer's office must be notified before work is commenced.

(For RESOURCE MANAGEMENT DIVISION use only)

APPROVAL

This application has been examined and program of operations approved, subject to the following conditions:

The Company will submit to this office, on Tuesday of each week, the latest reports received by radio on the progress of the well.

Dated 30th December, 19 66

[signature] Oil Conservation Engineer

Forms to be submitted in triplicate to Oil Conservation Engineer, Calgary, Alta.

NANR52 90 (5) (7-65)

~~[illegible] DOVER LAKE J-72~~

Rig No.: Cascade # 29

Area: Dovie Lake, N.W.T.

Date Visited: March 21, 1966

Work going on: Drilling ahead at 8,970 Feet

Tool Push: Alvin Healey

General:

Housekeeping: Fair. Considerable rags, old gloves and clothes, and other junk laying around especially in mud pump house.

Blowout preventers: Manuals very stiff.

Protective Equipment: Men wearing hard hats and hard toe boots. Men mixing mud without goggles.

Boilers - Condition & Equipment: No Boiler Inspection Certificate in Boiler Room.

Mud System: Satisfactory.

Engines & Fuel: Satisfactory.

Steps, Rig Floor & Draw Works: Extremely muddy and slippery.

Rotary Tongs, Counter-balances & Safety Lines: O.K.

Drill Line & Dead End: O.K.

Mud Hose, Cathead & Spinning Line or Chain: O.K.

Elevators, Pins and Bails: O.K.

Hand Tools: O.K.

Derrick & Derrick Equipment: O.K.

Derrick Man's Line, Belt & Safety: O.K.

Observations:

The rig was operating without respirators on the lease.
A man was smoking within 50 feet of the well.

Recommendations:

1. Assure that respirators are on the lease when hole is spudded in. - See Section 93 of Canada Oil and Gas Drilling and Production Regulations.
2. Assure there are no open flames or lighted cigarettes within 75 feet of rig. - Section 84.
3. Keep Manual Blowout Preventers free turning.
4. Place Boiler Inspection Certificates in Boiler Room.
5. Have men wear goggles when mixing mud. - Section 71.
6. Clean up junk in mud pump house and do a housecleaning job on entire rig. Keep floors and steps clear of mud.

Please advise this office within 30 days what action has been taken on the above recommendations.

I would like to thank Mr. Seeley for his co-operation while I was visiting the lease.

Yours truly,

R. G. Readman

E. G. Readman

~~A. D. Oliver,~~
Asst. ~~Resident~~ Mining Inspector.

Dated at Whitehorse, Yukon,
April 4, 1966.

cc: Chief, Resource Management Division (2)

File No.

Drilling Authority No. 224

DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES
RESOURCE MANAGEMENT DIVISION

Application to ~~Abandon or Work~~ Suspend Drilling

In compliance with the "Canada Oil and Gas Land Regulations", application is hereby made for approval ~~to abandon~~ to suspend drilling:—

Name and number of well Texaco Bovie Lake J-72

Location: Unit J Section 72 Grid 60°20'N., 122°45'W.

Latitude 60°11'39"N. Longitude 122°58'44"W.

From Established Reference Marker Approx. 57,300'N. & 2500'W. of Mayday Triangulation Station, which is 60°02'14.356"; 122°58'00.332"

Permit No. Lease No. 8-59

Texaco Exploration Company
(Permittee, Licensee, Lessee)

Date of commencement of proposed program February 6, 1966

OIL, GAS, AND WATER ENCOUNTERED
(Depths)

Oil at None encountered

Gas at None encountered

Water at None encountered

Total Depth 9548 Date of last operations April 16, 1966

Present condition of well Suspended until next winter

CASING RECORD

Casing Size O.D. Inches	Weight	Amount	Set At—	Brand of Cement and Additives	Amount Pulled
1. 13 3/8"	48# J-55	36 Jts.	1160	1080 saxs + 2%	
2.				$CaCl_2$ in last 200	
3.				sax. Recemented with	100 saxs + 4% $CaCl_2$
4. 7"	26# N-80	69 Jts.	9054.37	750 saxs.	
5.	23# N-80	134 Jts.			
	23# J-55	108 Jts.			

PROPOSED ABANDONMENT PROGRAM

Plug No.	Plug Position	Geological Formation	Number of Sacks of Cement	Remarks

The following logs have been run Induction Electrical, Gamma Sonic Caliper, Dip Meter

Other operations proposed Drilling will be resumed after freeze-up

Operations to be carried out by Cascade Drilling Contractor Licence No. A-10227

Address Address

Responsible Agent in field J. E. Petrie

Dated at Calgary, Alberta, this 21st Day of April 19 66

Signed by G. Trombie Company TEXACO EXPLORATION COMPANY

Title Superintendent, N.F.A. Operator's Exploratory Licence No. 697

Note:—The Oil Conservation Engineer's office must be notified before work is commenced.

(For RESOURCE MANAGEMENT DIVISION use only)

APPROVAL

This application has been examined and proposed programme approved, subject to the following conditions:

Confirming oral approval given by Mr. A.R. Coad on the 7th April 1966

Dated 20th May, 19 66

Oil Conservation Engineer

Forms to be submitted in triplicate to Oil Conservation Engineer, Calgary, Alberta

NANR 52-90 (5) (7-65)

File No.

Drilling Authority No. 224

DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES
RESOURCE MANAGEMENT DIVISION

Application for a Drilling Authority

This notice of intention to begin drilling operations, in triplicate, and where required a plan of survey approved by the Surveyor General showing the target area or the site of the well must be submitted and approved before commencing operations.

In compliance with the "Canada Oil and Gas Land Regulations", application is hereby made for approval to drill:—

Name and number of well Texaco NFA Bovie Lake J-72

Location: Unit J Section 72 Grid 60°20'N., 122°45'W.

Latitude 60°11'39" N. Longitude 122°58'44" W.

From Established Reference Approx. 57,300'N. & 2500'W. of Mayday Triangulation Station, which is 60°02'14.356"; 122°58'00.332"

Elevation: Ground K.B. 1250' est. feet above sea level.

Well is expected to produce from Middle Devonian Pinepoint formation at a depth of about 9,950 feet.

Area assigned to well

(for Oil Conservation Engineer's use only)

Permit No. - Lease No. 8-59 Acreage 11,927

Permittee, licensee, or lessee

Exploratory Licence No. 697

Surface owned by Crown or Crown

(If alienated submit name and address of owner and occupant.)

Petroleum and natural-gas rights owned by

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

Casing Size O.D. (Inches)	Weight (Lb./Ft.)	Grade	Brand	New or Used	Estimated Depth	Sacks of Cement
1. 13 3/8	54#	J-55			1,150	
2. 7 Spang, Design					10,750	
3.						
4.						
5.						

Expected water, gas, and oil horizons and type of control equipment Water - Mattson 1100;
Gas - Pinepoint 9950
Double gate and hydro, hydraulically operated control stations
Rig floor and remote

Well will be drilled with (Rotary) Rig No. 19 by Cascade Drilling
(Cable Tools) (Drilling Contractor or company)

Responsible agent of applicant:—

At well J. E. Petrie Address P.O.Box 2349 Ft.St.John

Contractor's Business Licence No. A-10227

At registered office G. P. Crombie Address 600 Sixth Avenue S.W., Calgary, Alberta

It is understood that if changes become necessary, notice of the change of plan will be submitted.

Dated at Calgary, Alberta this 13th day of January 1966

Signed by G. Tonkin Company TEXACO EXPLORATION COMPANY

Title Superintendent, N.F.A. Operator's Licence No. 597

(For Resource Management Division use only)

APPROVED

This application has been examined and approved subject to the following conditions:—

The Company will submit to this office, on Tuesday of each week, the latest reports received by radio on the progress of the well

Dated 14th January 1966

B. H. Simms
Oil Conservation Engineer

Forms to be submitted to Oil Conservation Engineer, Calgary, Alberta.

MANR 52-90-1 (7-65)

Universal Well Location Reference - Lat. 60.19416° Long. 122.97889°

17-11-4-25

TEXACO EXPLORATION COMPANY

CALGARY, ALBERTA

WELL HISTORY REPORT

ON

TEXACO BOVIE LAKE J-72

Unit J, Section 72
Grid: 60°20'N., 122°45'W.
Latitude 60°11'39"N.,
Longitude 122°58'44"W.

CALGARY, ALBERTA

September 18, 1967.

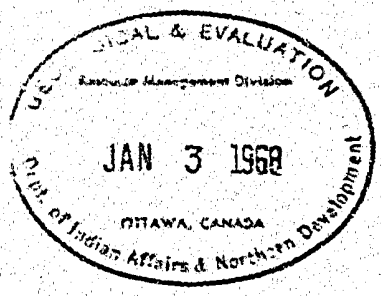
CONFIDENTIAL

WELL HISTORY REPORT

ON

TEXACO BOVIE LAKE J-72

Unit J, Section 72
Grid: 60°20'N., 122°45'W.
Latitude 60°11'39"N.
Longitude 122°58'44"W.



CALGARY, ALBERTA

September 18, 1967.

CONFIDENTIAL

I N D E X

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COMPLETION SUMMARY ..... PAGE 9

WELL HISTORY REPORT

TEXACO BOVIE LAKE J-72

I. SUMMARY OF WELL DATA

(a) Well Name: Texaco Bovie Lake J-72

(b) Lessee: Texaco Exploration Company

(c) Name of Operator: Texaco Exploration Company

(d) Location: Unit J, Section 72, Grid: 60°20'N., 122°45'W.

Lat.: 60°11'39"N., Long.: 122°58'44"W.

(e) Co-ordinates: Approx. 57,300'N., and 2500'W. of Mayday Triangulation Station which is 60°02'14.356", 122°58'00.3~~12~~"332"

(f) Lease Number: 8-59

(g) Drilling Contractor: Cascade Drilling Co. Ltd. Rig 19, National 100 with 3 3 Superior PT6's. - 280 H.P. each and a 142-foot L.C.Moore derrick.

(h) Drilling Authority: 224, issued January 14, 1966

(i) Classification: New Field Wildcat

(j) Elevations: Ground: 1251.2; K.B.: 1266.5

(k) Spudded: February 6, 1966

(l) Completed Drilling: February 7, 1967

(m) Total Depth: Driller 11,034; Logger 11,050

(n) Well Status: Suspended Middle Devonian Gaswell

(o) Rig Released: March 7, 1967

(p) Hole Size: 12 1/4" 0'-1160' (Reamed 0-1160' w./17½" bit)
8 3/4" 1160-9548'
6 1/8" 9548-11,034'

(q) Casing: 36 jts., 13 3/8" O.D. 48# J-55, 8Rd. Rge. 2 casing set at 1160' w./1080 sax. w/2% CaCl2 in last 2 bbls displacement w/100 sax + 4% CaCl2 outside csg.
291 jts., 7", 23# N-80, 8Rd. Rge. 2 casing set at 9054' w./750 sax.
66 jts., 5", 18.0# N-80 Hydril Rge. 2 set from 8888' to total depth w./300 sax, + 1.1 Bgmine + 2% KR-12 + 1gl N-1

II GEOLOGICAL SUMMARY

(a) Formation Tops:

	Formation	Sonic Log Depth	Subsea	Sample Top
	Base of Drift) Miss. Flett)	542	+ 725	Not Taken
Fault	Ft. St. John	672	+ 595	
	Permian	1176	+ 91	
	Miss. Flett	1275	- 8	
	Banff	3794	-2527	
	Exshaw	5395	-4128	
	Kotcho	5444	-4177	
	First Limestone	5691	-4424	
	Tetcho	6606	-5339	
	Kakisa	6974	-5698	
	Fort Simpson	7043	-5776	
	Muskwa	9492	-8225	
	Pinepoint Limestone	9740	-8473	
	Pinepoint Dolomite	9850	-8583	
	Arnica	10720	-9453	

(b) Cored Intervals:

Core No.	Interval	Formation	Recovery
1	9597-9630	Muskwa Shale	33'(Cut 33')
2	9743-9803	Pinepoint Limestone	60'(Cut 60')
3	10034-10070	Pinepoint Dolomite	34'(Cut 36')
4	10123-10183	Pinepoint Dolomite	60'(Cut 60')
5	10183-10226	Pinepoint Dolomite	43'(Cut 43')
6	10226-10263	Pinepoint Dolomite	37'(Cut 37')

(c) Core Description: Attached

(d) Sample Description: Attached

SAMPLE DESCRIPTION
TEXACO BOVIE LAKE J-72

0-555	Unconsolidated pebbles of quartz chert, granite, sandstone, limestone.
555-665	Limestone; gray brown to buff, medium to coarse fragmental, crinoidal.
665-750	Siltstone; dark grey brown, grading to very fine grained sandstone with interbedded shale, medium grey blocky.
750-1120	Shale; medium to dark grey fissile, silty in part, minor siltstone.
1120-1160	Sandstone; medium grey to greenish grey, glauconitic, limonitic, fine to medium grain, trace porosity, with minor shale, hard, blocky, glauconitic.
1160-1210	Chert; light brown grey, granular appearance with floating black chert grains and pebbles.
1210-1250	Chert; light brown grey, [illegible]icular.
1250-1275	Shale; dark grey to black.
1275-1610	Limestone; cream to light grey to brown, fragmental crinoidal, some brachiopods and ostracodes.
1610-1680	Limestone; cream, chalky, argillaceous to brown grey, dense argillaceous, in part fragmental with interbedded shale; dark brown grey calcareous.
1680-1985	Limestone; as above, fewer crinoids with minor shale interbeds.
1985-2010	Chert; mottled brown and white.
2010-2400	Interbedded limestone and shale, as above.
2400-2655	Limestone; light brown, chalky, to brown crypto-crystalline.
2655-2720	Limestone; as above, with interbedded shales.
2720-2925	Limestone; light grey, chalky to dark brown crypto-crystalline.

2925-3100	Limestone; as above, with some interbedded shale.
3100-3225	Shale; dark grey.
3225-3330	Limestone; as above, with interbedded shale.
3330-3490	Limestone; as above, with minor shale.
3490-3690	Interbedded shale; and limestone, as above.
3690-3810	Interbedded shale and limestone; as above, with traces of siltstone.
3810-4310	Shale; dark grey, dark brown, with minor limestone and siltstone.
4310-5400	Shale; as above, calcareous.
5400-5435	Shale; dark brown black, bituminous.
5435-5440	Limestone; white, chalky, fragmental, and siltstone; brown calcareous argillaceous.
5440-5690	Shale; slightly greenish grey to brown, slightly calcareous.
5690-5720	Limestone; light greenish grey to brown, cryptocrystalline, argillaceous.
5720-6220	Shale; medium grey, micro micaceous, trace calcareous.
6220-6240	Shale; as above, with interbedded limestone, white, chalky.
6240-6570	Shale; as above.
6570-6595	Shale; brown bituminous.
6595-6760	Siltstone; brown grey to light grey, calcareous, argillaceous, with some shale; dark brown bituminous.
6760-6855	Shale; grey micro-micaceous to brown bituminous, silty.
6855-6900	Siltstone; grey to grey-brown, argillaceous, calcareous, with shale; as above.

6900-6925	Limestone; grey-white chalky to brown grey, cryptocrystalline.
6925-6950	Shale; dark brown grey, calcareous.
6950-7030	Limestone; cream, chalky, to brown, cryptocrystalline argillaceous.
7030-7300	Shale; dark brown to rusty brown with minor siltstone, grey brown, argillaceous, calcareous.
7300-7600	Shale; medium grey to brown grey.
7600-7840	Shale; as above, some rusty brown, with minor siltstone.
7840-9125	Shale; as above.
9125-9145	Sandstone; very fine grained, silty calcareous, light grey.
9145-9500	Shale; dark grey to brown.
9500-9730	Shale; dark grey-brown, brittle, bituminous, finely disseminated pyrite, siliceous, with veins of calcite and pyrite.
9730-9855	Limestone; dark grey to black, micro-crystalline with fossils, brachiopods, crinoids, small stromatoporoids scattered to abundant.
9855-10420	Dolomite; dark grey, medium crystalline, with intercrystalline black carbonaceous? material, with veins and patches of dolomite; white, coarse to very coarse crystalline. Common fine needle-like quartz crystals, and some druzy vug. lining. 5% vug. porosity.
10420-11034	Dolomite; as above, very fine to medium crystalline but with 30-80% dolomite; light brown to dark grey cryptomicro crystalline. Less than 5% vug. porosity.

CORE DESCRIPTION
TEXACO BOVIE LAKE J-72

CORE NO. 1 - 9597-9630 - Rec. 33

9597-9630 Shale; dark brown grey with stringers of white calcite / 2% pyrite in small blebs and thin micro veins. Some slickensides. Two 1-foot intervals where core has been becciated and infilled with up to 75% white calcite.

CORE NO. 2 - 9743-9803

9743-9747 Limestone; dark brown, fragmental, small stromatoporoids up to 3/4 inch, crinoids, and brach frags in a matrix of fine to coarse fragments of above. Argillaceous < 5% dolomitization confined to stroms. Rare solitary coral.

9747-9773 Limestone; dark brown-grey, crypto-crystalline, argillaceous, 5 to 20% crinoids and brach fragments, some finer frags. in groundmass. Few calcite stringers.

9773-9803 Limestone; dark brown-grey, fragmental, 5 to 30% fragments of stromatoporoids up to 2" with scattered brachiopod frags. and few solitary corals toward base of interval. Matrix is ooze, argillaceous, with fragments of stroms., corals, crinoids, etc. 1/4 inch vein of calcite near base of interval, part of it completely dolomitized.

CORE NO. 3 - 10,034-10,070

10034-10058 Dolomite; mottled dark grey, fine to medium crystalline, abundant quartz needles and intercrystalline black carbonaceous material, and white coarse to very coarse crystalline. Original texture obliterated mainly, some remnants suggesting small 1" stroms. present. 5% vug. porosity.

10058-10070 Dolomite; dark grey, as above, minor white veins as above. 20% small stroms.? and brachiopods. 5% vug. porosity.

CORE NO. 4 - 10,123-10,183

10123-10131 Dolomite; mottled dark grey and white, as above, < 5% vug. porosity.

10131-10136 As above, with common zebra mottling, may be altered algae. 5% vug. por.

10136-10183 Dolomite; mottled dark grey and white, as above, < 5% vug. porosity.

CORE NO. 5 - 10,183-10,226

10183-10226 Dolomite; mottled, as above. < 5% vug. porosity, minor zebra mottling. One 2" black shale break.

CORE NO. 6 - 10,226-10,263

10226-10263 Dolomite; mottled dark grey and white, as above, the white patches are criss-crossed with a mosaic of thin grey lines. < 5% vug. por. Minor zebra mottling.

III ENGINEERING SUMMARY

(a) Report of Drillstem Tests:

D.S.T. #1: January 17, 1967 - Interval tested 9940 to 10,093 feet. Misrun - seat failure (Johnson MFE).

D.S.T. #2: January 19, 1967 - Interval tested 9830 to 10,102. Partial misrun. Ice plug in top single. Good gas blow after thawing out while bleeding down pipe pressure. (Johnson MFE). TO 5/30, ISI 45, FSI 45. Used 3500' Diesel cushion. Recovered 900' diesel cushion, 1350' drilling fluid, 5' salt water. (2600' cushion blown to pit.)
IH 4992, FH 4862; IF 1535, FF 1894, 2nd IF 1924, FF 3312, ISIP 4526, FSIP 4500

D.S.T. #3: January 25, 1967. Interval tested 9800-10,274 - TO 3/180, ISI 50, FSI 60, used 3500' Diesel cushion. Gas to surface in 32 mins. @ 3.2 MMcf/d. decreasing to 2.6 MMcf/d. at end of test. Water spray to surface in 90 mins. Rec. 830' salt water,
IH 5013, FH 4925, IF 1668, FF 1976, 2nd IF 1971, FF 1280, ISI 4527, FSI 4472 (Johnson MFE).

D.S.T. #4: February 16, 1967 - Interval tested 10,104 to 10,109 (Perfs. prior to acid job). TO 180, ISI 45, FSI 45, Good initial puff, weak air blow decreasing to 0. Used 3550' Diesel cushion. Rec. 680' diesel cushion, 2670' gas cut diesel, 200' gas cut diesel and mud, 230' gas cut mud. BHT 358°F.
IH 5050, FH 5050, IF 1411, FF 1427, ISI 1702, FSI 1536

D.S.T. #5: February 20, 1967 - Interval 10,104 to 10,109 (Perfs. after acid job). TO 180, ISI 45, FSI 45, Used 1050' Diesel cushion. Good initial puff, weak air blow - dead in 60 mins. Rec. 1023' gas cut mud, 800' gas cut diesel, 180' gas cut diesel, mud and water, 790' gas cut acid and salt water BHT 358°F.
IH 5012, FH 4981, IF 719, FF 1296, ISI 4573, FSI 4443

D.S.T. #6: February 21, 1967 - Interval 10,024 to 10,067 (Perfs. before acid). TO 360, ISI 45, FSI 45, used 1050' Diesel cushion. Good initial puff, weak to moderate air blow, gas to surface, TSTM after 4 hrs. Rec. 1050' gas cut diesel cushion, 370' gas cut mud - very salty. BHT 354° F. IH 4991, FH 4991, IF 442, FF 556, ISI 4558, FSI 4465

D.S.T. #7: February 23, 1967 - Interval tested 10,024 to 10,067 (Perfs. after acid job). TO 240, ISI 45, FSI 45. Used 1050' Diesel cushion. Good initial puff, weak air blow - increasing. Gas to surface in 45 mins. TSTM. Rec. 1050' gas cut diesel (200' slightly muddy), 940' slightly acid and salty very gas cut water BHT 350°F.
IH 4769, FH 4760, IF 344, FF 765, ISI 4600, FSI 4460

D.S.T. #8: February 24, 1967 - Interval tested 9852 to 9980 (Perfs. before acid) TO 180, ISI 45, FSI 45. Used 1050' Diesel cushion. Good initial puff. Weak air blow. Gas to surface in 135 mins. TSTM. Rec. 1050' diesel cushion, last 50' slightly muddy. BHT 350°F.
IH 4767, FH 4767, IF 447, FF 397, ISI 3398, FSI 1911

D.S.T. #9: February 25, 1967 - Interval tested 9852 to 9980 (Perfs. after 2000 gals. acid). TO 300, ISI 45, FSI 45, no cushion used. Weak initial puff, increasing blow. Gas to surface in 10 mins. muddy diesel to surface in 120 mins. to end of test, 362 Mcf/d. after 30 mins., 410 Mcf/d. after 60 mins., 410 Mcf/d. after 90 mins. Rec. 200' gas cut muddy diesel, 1000' gas cut acid water, BHT 350°F.
IH 4600, FH 4555, IF 331, FF 459, ISI 4585, FSI 4262

(b) Casing Record:

Ran 36 joints 13 3/8" O.D. 48#, J-55, 8Rd., Rge. 2. Casing set at 1160 feet. Cemented by Howco with 1080 sax, La Farge cement 2% CaCl in last 200 sax. Plug down at 12:30 A.M. February 15, 1966. Recemented with 100 sax + 4% CaCl2 outside casing.

Ran 291 joints 7" O.D. 26#, 23#, N-80, FSI 8Rd., Rge. 2. Casing set at 9054 feet. Cemented by Dowell with 750 sax La Farge cement. Plug down at 1:05 P.M. April 16, 1966.

Ran 66 joints 5", 18.0#, N-80 Hydril Rge. 2 and 3. Liner landed at 8888 feet. Cemented by Howco with 300 sax. Shoe at 11,034 K.B. Float at 11,033' K.B. Plug on bottom at 4:45 A.M. February 13, 1967. 1:1 POZMIX + 2½% HR-12 + 1/4% NF-1.

Ran 77 joints of 2 7/8" tubing, 6.5#, J-55, 8Rd., Rge. 2, and 241 joints of 3 1/2" 9.3# C.S. Hyd., Rge. 2. Bottom of tubing landed at 9852 feet on March 3, 1967. Annulus was left full of invert mud. There is tapered tubing string, 3 1/2 C.S. Hyd. on top and 2 7/8 EVE on bottom 3 1/2" CS to top of packer and a 2" trail pipe through packer to bottom of string. There is a collar stop in bottom 2' pup joint.

(c) Bit Record:

No.	Size	Type	Depth In	Depth Out	Footage	Hours
1A	12 1/4	OSC-3	0	625	625	24 3/4
1A	12 1/4	OSC-3		R.R. as Pilot Bit		
2B	17 1/2	P.R.			381	7
2A	17 1/2	P.R.			499	10
3A	12 1/4	S-4	625	838	213	18
4A	12 1/4	S-4	838	1141	303	32 3/4
3A	12 1/4	S-4	1141	1160	19	5 1/2
2A	17 1/2	Pilot RMR	499	1160	661	21
1	8 3/4	OSC-1G	1160	1197	37	2 1/2
2	8 3/4	H7G	1197	1206	9	1 1/2
3	8 3/4	H8J	1206	1517	311	23 3/4
4	8 3/4	OWC	1517	1590	73	10
5	8 3/4	M4NG	1590	1763	173	16 1/4
6	8 3/4	OSC-1G	1763	1887	124	10
7	8 3/4	YT1A	1887	1963	76	10
8	8 3/4	OWV	1963	2024	61	10
9	8 3/4	M4LG	2024	2134	110	12 1/4
10	8 3/4	RG7XJ	2134	2228	94	12 1/2
11	8 3/4	M4LG	2228	2258	30	5 1/2
10RR	8 3/4	RG7XJ	2258	2683	425	42 3/4
12	8 3/4	X1G	2683	2764	81	4 3/4
13	8 3/4	M4NG	2764	2815	41	11 3/4
14	8 3/4	M4LG	2815	2923	108	16 3/4
15	8 3/4	M4NG	2923	3260	337	18
16	8 3/4	X3J	3260	3422	162	17
17	8 3/4	OSC-3	3422	4018	596	31
18	8 3/4	X3J	4018	5416	1398	24 1/2
19	8 3/4	OSC1G	5416	5435	19	2
20	8 3/4	M4NG	5435	5685	250	10 3/4
21	8 3/4	DT2G	5685	6299	614	17 3/4
22	8 3/4	OSC1GJ	6299	6732	433	16 3/4
23	8 3/4	OSC1G	6732	6873	141	7 3/4
24	8 3/4	M4NG	6873	7006	133	17
25	8 3/4	S-6	7006	7496	490	21
26	8 3/4	X1G	7496	8332	836	26 1/4
27	8 3/4	X1G	8332	8961	629	22 3/4
28	8 3/4	OSC1G	8961	9153	192	10 1/2
29	8 3/4	M4LG	9153	9398	245	23 1/4
30	8 3/4	OSC	9398	9515	117	12 3/4
31	8 3/4	OWC	9515	9548	33	11 1/2
32	6 1/8	ISC03	9548	9555	7	5 3/4
33	6 1/8	H7W	9555	9564	9	7 1/2
34	6 1/8	H8J	9564	9580	16	11 3/4

No.	Size	Type	Depth In	Depth Out	Footage	Hours
35	6 1/8	H7	9580	9584	4	2 3/4
36	6 1/8	H7	9584	9597	13	11 1/4
36A	6 1/16	Diamond	9597	9630	33	16 3/4
37A	6 1/6	Diamond	9630	9743	123	41 1/2
36A	6 1/16	Diamond	9743	9747	4	2
38	6 1/16	Diamond	9747	9803	56	24 1/4
39	6 1/16	Diamond	9803	10020	217	75
40	6 1/16	Diamond	10020	10034	14	2
41	6 1/16	Diamond	10034	10093	59	14 1/2
42	6 1/8	H7W	10093	10102	9	3 1/2
43	6 1/8	W78	10102	10123	21	5 1/2
44	6 1/16	Diamond	10123	10155	32	6
44A	6 1/16	Diamond	10155	10183	28	4
45A	6 1/16	Diamond	10183	10186	3	3/4
45	6 1/16	Diamond	10186	10226	40	16
46	6 1/16	Diamond	10226	10263	37	12 1/4
47	6 1/16	W7R	10263	10274	11	4 1/4
48	6 1/8	H7W	10274	10313	39	10 1/2
49	6 1/16	Diamond	10313	10914	601	201
50	6 1/16	Diamond	10914	11034	120	22 1/4

(d) Mud Report:

Mud Additives Used

Gel	101,400 lbs.	Imcolig	800 lbs.
Geltone	20,300 lbs.	Diesel	3,100 bbls.
Lime	22,100 lbs.	Crude Oil	100 bbls.
Micro Fyber	1,680 lbs.	CMC	300 lbs.
Crevisseal	550 lbs.	VC-10	950 lbs.
Baroid	50,400 lbs.	Salt	41,300 lbs.
Caustic	2,250 lbs.	Kenx 1	58 Drums
Invermul	26,050 lbs.	Kenx 2	4 Drums
Flex Straw	600 lbs.	Kenx 3	28 Drums
Spartin	21,000 lbs.	$CaCl_2$	1,050 lbs.
Duratone	10,050 lbs.		

(e) Deviation Record:

Depth	Deviation	Depth	Deviation	Depth	Deviation
65	3/4	2046	3 3/4	3280	7 1/4
95	1/2	2077	3 3/4	3340	7 1/2
130	1/2	2109	4	3409	8
155	1/2	2134	4	3490	7 7/8

Depth	Deviation	Depth	Deviation	Depth	Deviation
650	1	2150	4 1/4	3550	8
670	3/4	2184	4 7/8	3614	8
800	1	2215	4 1/2	3676	7 7/8
830	1 3/4	2245	4 3/4	3735	7 1/2
854	1	2277	4 3/4	3795	7 1/4
885	1 1/4	2309	4 7/8	3855	7
989	1 1/8	2338	4 7/8	3985	6 1/2
1018	1 1/4	2369	4 7/8	4100	6
1040	1 1/4	2400	5	4220	5 7/8
1070	1 1/2	2432	5	4345	5 7/8
1140	1 3/4	2525	5 1/8	4440	5 7/8
1160	1 7/8	2588	5 1/4	4625	5 1/4
1197	1 3/4	2648	5 5/8	4847	5
1270	2	2683	5 3/8	5025	4 1/2
1330	1 3/4	2741	5	5250	4 1/4
1390	2	2815	4 7/8	5550	2
1456	2	2910	5 3/4	5850	1 1/2
1517	2	2940	6	6299	2
1582	2 1/2	2970	5 3/4	6732	1 1/4
1610	2 3/8	3000	6 1/4	7006	7/8
1674	2 1/4	3030	6 1/4	7496	7/8
1737	3	3060	6 1/4	8961	1
1763	3	3090	6 1/4	9398	1 1/4
1825	3	3150	6 3/4	10020	1 3/4
1931	3 1/4	3220	7 1/4	11034	2 1/4
2014	3 1/2	3250	7 1/4		

(f) Abandonment Plugs: None run.

(g) Lost Circulation Zones:

Miss. Flett - 633 to 653 - lost circulation rate estimated 140 B.P.H. Mixed mud and bulk sawdust to regain circulation.

Fort St. John - 653-803 - lost mud to formation - no indication of amount lost. Mixed mud and added water plus sawdust.

Fort St. John - 842-897 - lost mud to formation - built up volume and mixed lost circulation material (sawdust) while drilling. (No further lost circulation occurred).

(h) Report of Blowouts:

Well blew mud and gas to surface between 10,020-10,028' at 6:00 A.M. January 14, 1967. Lost estimated at 15-20 bbls. mud through table before closing BOP's. Circulated through kill line - mixed wait material (12,500 lbs. Baroid). Opened BOP's. - clean to bottom and circulate on bottom. Proceeded drilling at 3:00 P.M.

IV. LOGS:

Date	Run No.	Interval	Type
4/12/66	1	1148-9546	Induction Electrical Log
~~4/12/66~~ 3/14/66	1	1160-4540	~~Micro~~-Caliper
4/12/66	1	1153-9228	Caliper
4/13/66	1	1153-9223	Sonic
4/14/66	1	1148-9100	Continuous Dipmeter
2/7/67	1	9058-11044	Dual Induction
2/7/67	2	9058-11050	Sonic
2/7/67	1	9058-11048	Formation Density
2/14/67		8850-10400	Completion Record
2/20/67		9900-10075	Completion Record
2/23/67		9800-9973	Completion Record
		930-9548	Lithological
		1153-11048	Geophysical (BRS)

V. ANALYSES:

(a) Core Analysis: Mailed to your office February 15, 1967. Lab. No. F67-328

(b) Water Analysis:

Lab No. F67-342	Mailed	February 1, 1967
Lab No. F67-3613	Mailed	February 7, 1967
Lab No. F67-348	Mailed	February 7, 1967
Lab No. F67-4473	Mailed	March 23, 1967

(c) Gas Analysis:

Lab No. E67-2963	Mailed	February 2, 1967
Lab No. E67-3285	Mailed	March 23, 1967

(d) Oil Analysis: Nil

VI. COMPLETION SUMMARY:

(a) Tubing Record:

Feb. 27/67 - Schlumberger ran Otis type WB packer and set at 9,800' K.B.

March 3/67 - Ran 77 jts. of 2 7/8", 6.5#, EUE tbg. for 2412.26'. Plus 241 jts. 3 1/2", 9.3#, c.s. Hyd. tbg. for 7343.05'. Plus 1 - 3 1/2" c.s. Hyd. double pin 1' pup jts. and 1 - 3 1/2" c.s. Hyd. 10' pup jt. Locator sub landed at 9794' K.B. Otis 2 7/8" N nipple at 9788' K.B. Bottom of tubing string landed at 9852' K.B.

(b) Perforation Record:

Feb. 15/67 Perforated 10,104-10,109' K.B. w./1 jet shot/ft. for a total 6 shots.

Feb. 20/67 Perf'd. 10,024-10,026, 10,028-30, 10,056-58, 10,060-62, 10,065-67' K.B. w./ 1 jet shot/ft. for a total of 15 shots.

Feb. 23/67 Perf'd. 9852-56, 9859-69, 9933-35, 9978-80' K.B. w./1 jet shot/ft. for a total of 22 shots.

(c) Cementation Record:

Feb. 20/67 Plug #1 - Ran Baker Model N bridge plug and set at 10,088' K.B.

Feb. 22/67 Ran cement plug 10,088-10,078' K.B. Used 1 cu. ft. construction cement with 2 1/2% HR-12 added.

Feb. 23/67 Plug #2 - Ran Baker Model K bridge plug and set at 10,005' K.B.

Feb. 24/67 Ran cement plug 10,005-9,995' K.B. Used 1 cu. ft. construction cement with 2 1/2% HR-12 added.

(d) Acidization and Fracturing Record:

Feb. 18/67 Circulate 20 bbls. diesel fuel. Acidized by Howco w./24 bbls. 10% MSA acid w./30 gals. Morflow and 6 gals. Rodine inhibitor. Established feed rate of 3 BPM at 3450 psi decreasing to 3300 psi. Displaced

with 63 bbls. mud. Standing press. after 15 mins. 1850 psi.

Feb. 22/67 Circulate 20 bbls. diesel fuel. Acidized by Howco w./24 bbls. 10% MSA acid w./30 gals. Morflow and 6 gals. Rodine. Establish feed rate of 2 bbls./min. at 4900 psi increasing to 2 3/4 bbls./min. at 4900 psi on last 10 bbls. Standing press. decreased from 4900 to 1300 psi after 20 mins. Displaced with 60 bbls. mud.

Feb. 25/67 Acidized by Howco with 2,000 gals. 10% MSA acid and 42 gals. Morflow and 12 gals. Rodine. Max. feed rate of 2.8 BPM at 3700 psi. Average flush rate was 2.5 BPM. Instantaneous shut-down pressure decreased from 3700 to 2200 psi.

Mar. 3/67 Displaced mud out of tbg. by pumping down 10 bbls. heated diesel fuel followed by 73 bbls. acetic acid.

Mar. 4/67 Acidized by Howco using 220 bbls. MSA preceded by 5 bbls. diesel fuel with Morflow. Flushed with 10 bbls. diesel fuel and Morflow and 73 bbls. heated water with 4 lbs./1,000 gals. water of FR-10 friction reducer. Started acidizing at 4 1/2 BPM at 5500 psi increasing to 8 1/2 BPM at 5250 psi. Instantaneous shut-down press. 3200 psi and after 1/2 hour 2250 psi. Let acid sit for 3 hours then flowed to pit.

(e) Back Pressure and Production Tests:

Feb. 16/67 Prod. Test #1 (DST #4) 10,105-10,110' K.B.
ISI 45, TO 180, FSI 45, GIP, Weak air blow decreasing to 0. Used 3550' diesel cushion. Rec. 680' diesel cushion, 2670' gas-cut diesel, 200' gas cut diesel and mud, 230' gas cut mud. BHT 358°F.

IHP 5050	FHP 5050
IFP 1411	FFP 1427
ISIP 1702	FSIP 1536

Feb. 20/67 Prod. Test #2 (DST #5) 10,105-10,110' K.B.
ISI 45, TO 180, FSI 45, Used ~~1050'~~ 1023' diesel cushion, GIP. Weak air blow, dead in 60 mins. Rec. 1023' gas cut mud, 800' gas cut diesel, 180' gas cut diesel, mud and water, 790' gas cut acid and salt

water, BHT 358°F.

IHP	5012	FHP	4981
IFP	719	FFP	1296
ISIP	4573	FSIP	4443

Feb. 21/67 Prod. Test #3 (DST #6) 10,024-10,067' K.B.
ISI 45, TO 360, FSI 45, Used 1050' diesel cushion. GIP, Weak to moderate air blow. GTS, TSTM after 4 hrs. Rec. 1050' g.c. diesel cushion, 370' gas cut mud, very salty, BHT 354°F.

IHP	4991	FHP	4991
IFP	442	FFP	556
ISIP	4558	FSIP	4465

Feb. 23/67 Prod. Test #4 (DST #7) 10,024-10,067' K.B.
ISI 45, TO 240, FSI 45, Used 1050' diesel cushion. GIP, Weak air blow, increasing. GTS in 45" , TSTM. Rec. 1050' gas cut diesel (200' sl. muddy), 940' sl. acid and salty, very gas cut water. BHT 350°F.

IHP	4769	FHP	4760
IFP	344	FFP	765
ISIP	4600	FSIP	4460

Feb. 24/67 Prod. Test #5 (DST #8) 9,852-9,980' K.B.
ISI 45, TO 180, FSI 45, Used 1050' diesel cushion. GIP. Weak air blow. GTS in 135, TSTM. Rec. 1050' diesel cushion, last 50' sl. muddy. BHT 350°F.

IHP	4767	FHP	4767
IFP	447	FFP	397
ISIP	3398	FSIP	1911

Feb. 25/67 Prod. Test #6 (DST #9) 9,852-9,980' K.B.
ISI 45, TO 300, FSI 45, No cushion used. WIP, increasing blow. GTS in 10, muddy diesel to surface in 120. 362 Mcf. after 30 mins., 410 Mcf. after 60 mins., 410 Mcf. after 90 mins. Rec. 200' gas cut muddy diesel, 1000 gas cut acid water. BHT 350°F.

IHP	4600	FHP	4555
IFP	331	FFP	459
ISIP	4585	FSIP	4262

Mar. 6/67 Prod. Test #7 - Well flowed at 1.1 MMcf. on 3/4" choke fully open. Flowed 40 hours cleaning up. Making water and diesel: Salinity of water 54,000 ppmCl.

Mar. 7/67 Flowing 1.02 MMcf. - no decrease in water rate. Flowed well intermittently for 8 hours; 4 hours in half-hour periods; 4 hours in 1 hour periods. During the former well built up to 950 lbs. then pulled down to 80 lbs. on open choke. During the latter well built up to 1500 lbs. and pulled down to 55 lbs. Salinity of water 78,000 ppmCl.

Mar. 8/67 Flowed well continuously. Water rate increased until gas flow dropped to 800 Mcf. Salinity 90,000 ppmCl.

Mar. 9/67 Flow rate decreased to 730 Mcf. as water rate increased. Water flow measured with improvised barrel device as 5 gals./min. or 200 bbls./day approx. Salinity 88,000 ppmCl.

Mar. 11/67 Running Otis plug - heated 80 bbls. diesel to 90° and displaced water out of tubing - over displaced by 10 bbls. Inhibited with 5 gals. of carbon. Max. pumping 3,000 lbs. Run Otis 2 1/2" S-N plug at 9778'. Bled down tubing and plug held good. Closed in casing and tubing with no pressure on either. Plug set at 2:00 P.M.

Rig Released: 12 Noon - March 7, 1967.

Respectfully submitted,

TEXACO EXPLORATION COMPANY

D. A. H. Gregson,
Assistant Manager.

RT:dp

Calgary, Alberta,
September 18, 1967.

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

WATER ANALYSIS

Lab No. F67-342

Received: Jan. 24, 1967 Reported: Jan. 27, 1967

Well: Location: Tex. [redacted] Bovie Lake #J-72

Operator: Texaco Exploration Company

Field or Area: N.W.T.

Elev.: K.B. Grd. Zone/Formation:

Sample Interval: 9,830' - 10,102'

Method of Production: D.S.T. #2

Sampled from: Just above tool

Sampled by: Date:

OTHER PERTINENT DATA

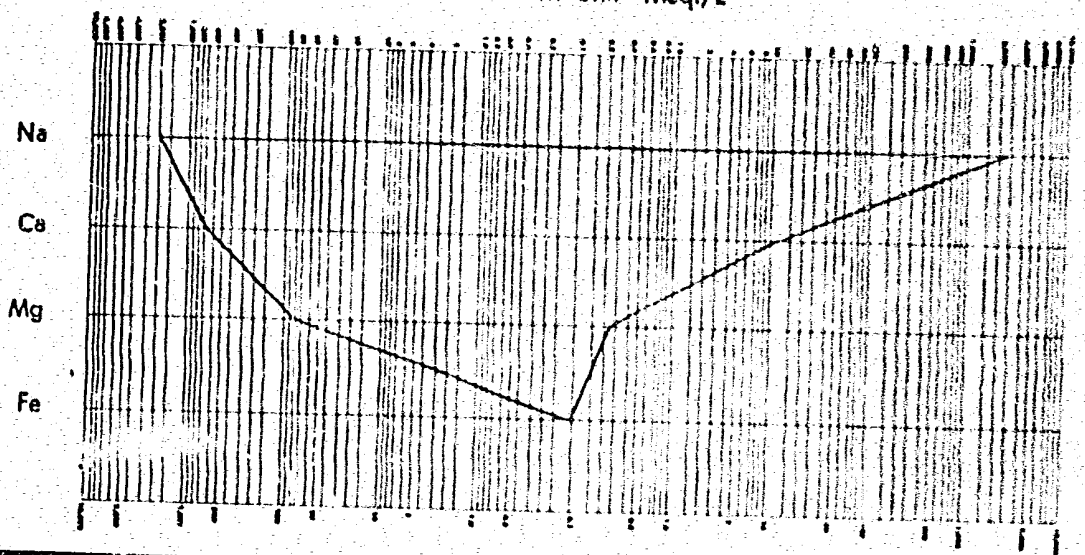
(Signed)

	Na	K	Ca	Mg					SO_4	Cl			CO_3	HCO_3		
Mg./L	45,245		13,016	972					12	95,190				790		
Meq./L	1968.17		649.50	79.90					0.25	2684.36				12.96		
Meq. %	36.48		12.04	1.48					0	49.76				0.24		

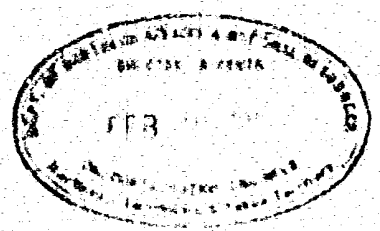
Total Solids Mg/L: By Evaporation 185,850 Fe --- Specific Gravity 1.108 @ 79°F. Observed pH 6.4 @ 73 °F

Calculated 155,225 After Ignition 154,970 H_2S --- Refractive Index 1.3591 @ 76°F. Resistivity 0.063 ohm meters @ 68 °F

Pattern Unit Meq./L



Remarks and Conclusions



CHEMICAL & GEOLOGICAL LABORATORIES LTD.

14240 - 118 AVENUE, EDMONTON, ALBERTA

Date Reported: February 3, 1967 Laboratory Report Number: F67-363

TEXACO EXPLORATION COMPANY

Well: Tex. Bovie J-72 KIND OF SAMPLE: Water

Date Received: February 1, 1967

D.S.T. #3.

LABORATORY NUMBER	
F67-363-1:	Sampled from top of recovery.
	Resistivity: 0.072 Ohm-Meters @ 68°F.
F67-363-2:	Sampled from middle of recovery.
	Resistivity: 0.071 Ohm-Meters @ 68°F.

DEPT. OF NORTHERN AFFAIRS & NATIONAL RESOURCES
CALGARY, ALBERTA
FEB 8 1967
OIL CONSERVATION ENGINEER
Northwest Territories & Yukon Territory

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

WATER ANALYSIS

Lab No. F67-348

Received: Jan. 27,1967 Reported: Jan. 31,1967

Well: Location: Tex. Bovie Lake #J-22

Operator: Texaco Exporation Company

Field or Area: Bovie Lake, N.W.T.

Elev.: K.B. Grd. Zone/Formation: Pine Point

Sample Interval: 9,800' - 10,274'

Method of Production: D.S.T. #3 Sampled from: Top of tool

Sampled by: N. Anderson Date Jan. 25,1967

OTHER PERTINENT DATA DST #3, 9800 - 10,274' KB
Recovery 830' - salt water

Sample #1, 800' above tool
#2, 400' above tool
#3, top of tool
Complete analysis on Sample #3.

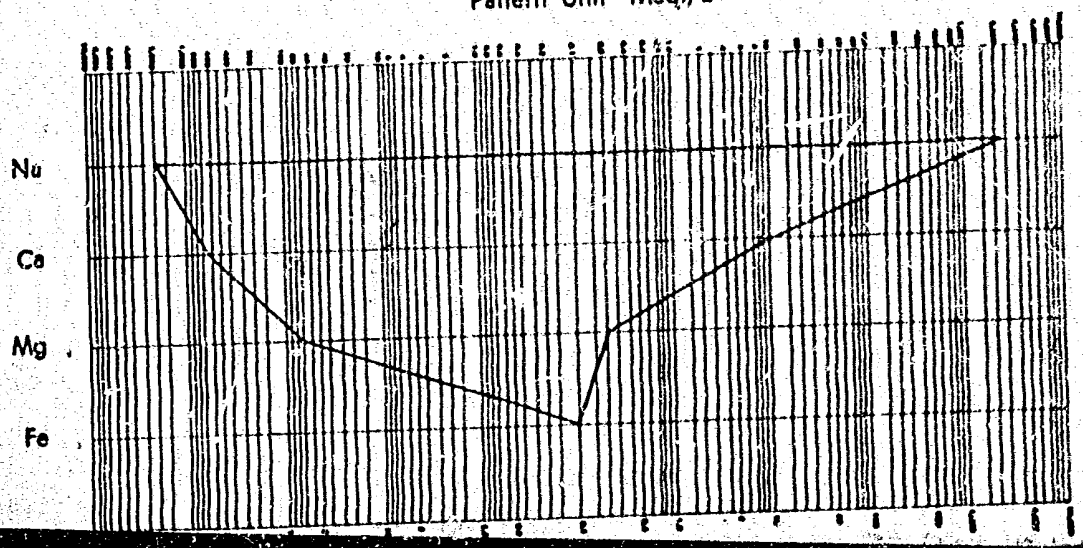
(Signed)

	Na	K	Ca	Mg					SO_4	Cl			CO_3	HCO_3		
Mg./L	45,149		12,656	875					10	94,188				680		
Meq./L	1964.00		631.53	71.93					0.21	2656.10				11.15		
Meq. %	36.81		11.84	1.35					0.01	49.78				0.21		

Total Solids Mg/L: By Evaporation 175,130 Fe Specific Gravity 1.106 @ 72°F. Observed pH 6.4 @ 72 °F

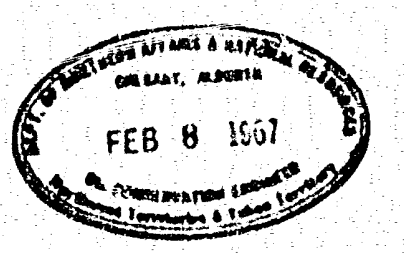
Calculated 153,558 After Ignition 151,990 H_2S Refractive Index 1.3590 @ 72°F. Resistivity 0.065 ohm meters @ 68 °F

Pattern Unit Meq./L



Remarks and Conclusions

Resistivity:
Sample #1, 0.072 @ 68° F.
#2, 0.071 @ 78° F.



CHEMICAL & GEOLOGICAL LABORATORIES LTD.

WATER ANALYSIS

Lab No. F67-447-3

Received: March 14, 1967 Reported: March 17, 1967 Well: Location: Texaco Bovie Lake #J-72 J-72, 60°20'N 122°45'W

Operator: Texaco Exploration Company Field or Area: N.W.T.

Elev.: K.B. 1267.0' Grd. Zone/Formation: Slave Point Sample Interval:

Method of Production: Production Test Sampled from: Production Test Sampled by: Date: March 10, 1967

OTHER PERTINENT DATA

Depth: (perforations) 9851' - 9855', 9858' - 9863', 9864' - 9868', 9932' - 9934, 9977' - 9979'
1 Shot/ft. Total 22 shots. Sampled at 8:00 A.M.

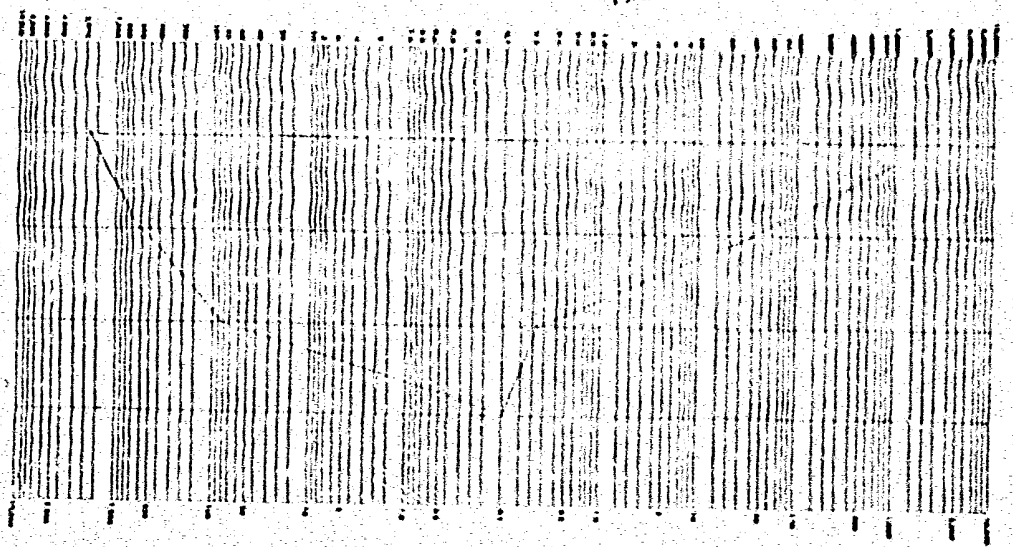
(Signed)

	Na	K	Ca	Mg					SO_4	Cl			CO_3	HCO_3		
Mg./l	40,325		12,816	1,094					10	86,673				2,390		
Meq./L	1754.14		639.52	89.93					0.21	2444.18				39.20		
Meq. %	35.31		12.88	1.81					0.01	49.20				0.79		

Total Solids Mg/L: By Evaporation 176,860 Fe Present Specific Gravity 1.106 @60°F Observed pH 4.5 @ 72 °F

Calculated 143,308 After Ignition 143,090 H_2S --- Refractive Index 1.3590 @25°C Resistivity 0.067 ohm meters @ 68 F

Pattern Unit Meq./L



Remarks and Conclusions

The sample appears to be formation water with possible slight contamination from spent acid water.

F67-447-1: Sampled March 6, 1967
pH: 4.2 @ 73°F.
RESISTIVITY: 0.083 Ohm-Meters @ 68°F.

F67-447-2: Sampled March 9, 1967 at 11:00 A.M.
pH: 4.5 @ 72°F.
RESISTIVITY: 0.069 Ohm-Meters @ 68°F.

CORE

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

Edmonton — Fort St. John — Calgary

GAS ANALYSIS REPORT: Lab. No. E67-2963 Received Jan. 30,1967 Reported Jan. 31,1967

Well: Texaco [redacted] Bovie #J-72 Operator: Texaco Exploration Company

Field or Area: N.W.T. Location: Elev.: K.B. Grd.

Zone and Formation: Sample Interval: 9800' - 10,274'

Well production at sampling time: Oil bpd; Gas MCFD; Water bpd.

Sampled from: Sampled by: Date: Jan. 25, 1967

Pressure: (a) at point of sampling psig (b) Gas Bomb pressure psig

Temperature: (a) at point of sampling °F (b) Separator °F

Pressures: Reservoir Tubing Casing Separator

OTHER PERTINENT DATA: Sampled from D.S.T. #3. Sample pressure: 55 psig.

(Signed)

COMPOSITION	% by Volume	G.P.M. in Imp. Gal. @ 60°F. & 14.65 PSIA
Helium	.13	
Hydrogen sulfide	.05	
Carbon dioxide	18.19	
Hydrogen	.13	
Nitrogen	2.47	
Methane	78.96	
Ethane	.07	
Propane	Trace	.00
Isobutane	.00	.00
N-butane	.00	.00
Isopentane	.00	.00
N-pentane	.00	.00
Hexanes	.00	.00
Heptanes +	.00	.00
TOTAL	100.00	.00

G.P.M. (Calculated)

pentanes +		0.00
at 12 lbs.		.00
at 15 lbs.		.00
at 22 lbs.		.00
at 26 lbs.		.00

SPECIFIC GRAVITY

Calculated	.739
by Weight	.743

CRITICALS (Calculated)

Pc	740.2
Tc	377.0

VAPOR PRESSURE (Calc.) of pentanes + 0

H_2S Grains per 100 cu. ft. @ 60°F. & 14.65 p.s.i.a. 31.3

GROSS B.T.U. (Calc.) @ 60°F. & 14.65 p.s.i.a. 796.7

DEW POINT (Calc.) p.s.i. 950 1050 1200

REMARKS

The sample was received in an aluminum container under a pressure of 55 psig. at 74°F.

The hydrogen is probably the product of reaction of hydrogen sulfide with iron while running the D.S.T.

CC-4

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

Edmonton — Fort St. John — Calgary

GAS ANALYSIS REPORT: Lab. No. 67-3285 Received: March 2, 1967 Reported: March 14, 1967

Well: Texaco Bovie Lake J-72 Operator: Texaco Exploration Company

Field or Area: Location: Elev.: K.B. Grd.

Zone and Formation: Sample Interval: 6252 - 6272'

Well production at sampling time: Oil bpd; Gas MCFD; Water bpd.

Sampled from: DST #8 Sampled by: Date:

Pressure: (a) at point of sampling psig (b) Gas Bomb pressure psig

Temperature: (c) at point of sampling °F (b) Separator °F

Pressures: Reservoir Tubing Casing Separator

OTHER PERTINENT DATA D.S.T. #8.

(Signed)

COMPOSITION	% by Volume	G.P.M. in Imp. Gal. @ 60°F. & 14.65 PSIA
Helium		
Hydrogen sulfide	.00	
Carbon dioxide	19.71	
Oxygen	.00	
Nitrogen	3.23	
Methane	76.77	
Ethane	.13	
Propane	.01	.002
Isobutane	.01	.003
N-butane	.01	.003
Isopentane	.02	.006
N-pentane	.02	.006
Hexanes	.05	.017
Heptanes +	.04	.017
TOTAL	100.00	.054

G.P.M. (Calculated)

pentanes + .046

at 12 lbs. .050

at 15 lbs. .053

at 22 lbs. .063

at 26 lbs. .071

SPECIFIC GRAVITY

Calculated .758

by Weight .751

CRITICALS (Calculated)

Pc 745.3

Tc 381.1

VAPOR PRESSURE (Calc.) of pentanes + 7.62

H_2S Grains per 100 cu. ft. @ 60°F. & 14.65 p.s.i.a. 0

GROSS B.T.U. (Calc.) @ 60°F. & 14.65 p.s.i.a. 782.8

DEW POINT (Calc.) p.s.i.	950	1050	1200
F A H	5	3	-1

REMARKS

Sample was received in an aluminum container under a pressure of 12 psig. at 72°F. The analysis is corrected for 26.43% air contamination.

Canada Oil and Gas Lands Administration | Administration du pétrole et du gaz des terres du Canada

D.A. #224

				Well Status	
Nova Scotia	☐	West Coast	☐	Suspended	☐
Newfoundland	☐	Northern	☒	Completed	☐
Gulf of St. Lawrence	☐	Hudson Bay	☐	Abandoned	☒

WELL TERMINATION RECORD

This record is submitted in triplicate in compliance with Section 184 of the Canada Oil and Gas Drilling Regulations.

WELL DATA

Well Name: Texaco Bovie Lake J-72 Area: Northwest Territories

Grid Area: 60-20 - 122-45 Field/Pool: Bovie Lake

Permit or Lease No.: DA# 224 Final Coordinates: Lat.: 60° 02' 14.356" Long: 122° 53' 00.312"

~~Drilling~~ Servicing Unit: Beta Rig 53 Elevations-~~RT~~KB: 386 m ~~GL~~/GL: 381.34 m

Spud Date: February 7/~~86~~ 87 Rig Released: Feb. 13, 1987 Total Depth: 3049.5 m KB

Re-entry

CASING AND CEMENTING

O.D.:	Weight:	Grade:	Depth Set:	Cement and Additives:
See Attachment #1				

PLUGGING PROGRAM

Approval of the following program was obtained by (person) K.W. Bolseng from (person) Kem Singh of the Canada Oil and Gas Lands Administration by means of Telephone on February 5 1987.

Type of Plug:	Interval:	Felt:	Cement and Additives:
Baker 'S' B.P. @ 2968 m KB	2968 - 2930 m KB	2930 m KB	0.8 Tonnes Oilwell c/w 0.3% Retarder @ 1900 kg/m³
Cement	10 m - Surface	Visual	.15 tonnes Oil well Class "G"
			Csg. cut off 1.3 m below ground level

Lost Circulation/Overpressure Zones: N/A

Equipment left on Seafloor (Describe): N/A

Provision for Re-entry (Describe and attach sketch): N/A

Cores: Type: N/A Intervals: N/A

Other Downhole Completion/Suspension Equipment: See Attached Diagram

CERTIFICATION

I certify on the basis of personal knowledge of operations undertaken at the above named well that the above information is accurate.

Signed: Jarrod Baird P. Eng. Title: AREA ENGINEER

Name: JARROD BAIRD Date: NOV. 26/87

Acknowledged by: [signature] Engineering Branch

Date: 87-12-14

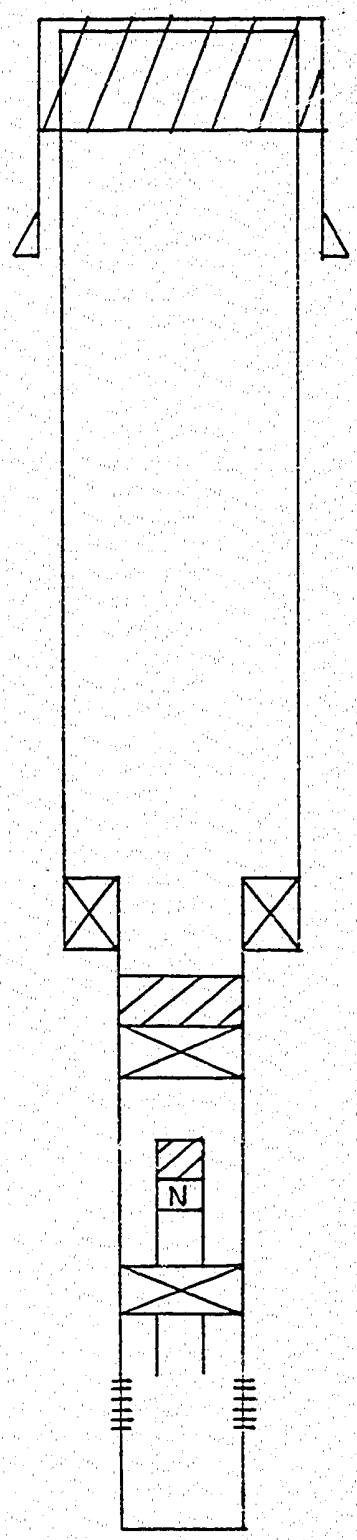
File: 60-20-122-45

Department of Energy, Mines and Resources | Ministère de l'Énergie, des Mines et des Ressources

Department of Indian Affairs and Northern Development | Ministère des Affaires indiennes et du Nord canadien

Canada

Attachment #1
Texaco Bovie Lake J-72
Actual Abandonment



MKB

353.6

2709.1

2759.7

2930

2968

2981.5

2984.0

2987

3002.9

3041.9

3049.5

Cut off and capped 2 m below ground level
Surface cement plug 10 m

Surface casing 339.8 mm J-55 71.43 kg/m

Intermediate Casing
177.8 mm N-80 38.74 kg/m

Hole filled with 3% KCL water

Cement Plug

Baker 'S' Bridge Plug

Cement Plug

Otis 'N' nipple complete with plug in place

Otis 'WB' Packer

Pine Point Perforations

Liner 127 mm N-80 26.82 kg/m
PBTD

TEXACO BOYLE LAKE J-72

Cursory Evaluation - R_w = 0.016 @ 326°F.

Core #2 9,743' - 9,803', not analysed but appears mostly tight from Sonic Log

dt = 49

V_m estimated 21,000 f.p.s. (Texaco)

porosity = <1%

M.I. >1,000 ohm meters

D.I. >>1,000 " "

This cored depth probably is 9,759' - 9,819' on logs based on correction to Schlumberger depth of 11,050' from 11,034' (driller).

Interval 9,819' - 10,050' drilled.

Depth	dt	Porosity	M.I.	D.I.	R_t	$\frac{R_t}{R_w}$	S_w (%) App.*
9,840	52	2.6	over 1,000	over 1,000			
9,852	59	7.5	400	" 1,000	not determinate		
9,852 - 9,862	about as above, with/variations						
9,862 - 9,884	54-- 50	1.5 - 4.0	400 - 1,000	over 1,000	not determinate		
9,884 - 9,886	51	2.0	200	250	(app. 250	15,600	40
9,886 - 9,929	48 - 51	>1.0 to 2.0)	>300	>400	not determinate		
9,932 - 9,934	53	3.5	300	1,000	"	"	
9,934 - 9,968	48 - 50	>1.0 to 1.3)	>300	>300	"	"	
9,976 - 9,980	58 - 60	7.0 - 8.0	170	200	200	12,500	12
10,000 - 10,090	48 - 54	0.5 - 4.0	150 - 200 (both)		Av.200	12,500	12
10,100 - 10,120	Tight, dense as per test						

From 10,034' - 10,070' (10,050' - 10,086' correction) cored:

Core #3
Core #4
Core #5
Core #6 enclosed.

While there are some fair porosities, the permeability is generally very poor even with/evidence of some fractures.

	dt	Porosity	M.I.	D.I.
10,070 - 10,100	48 - 50	0 - 1.3	50 - 200	55 - 300

S_w not accurate on Schlumberger Chart but could be high.

10,160' down tighter (as per core analysis and Sonic Log: S_w not reliable, could be high.

G.R. shows radioactivity increases (shaly or Argillaceous?) but permeability appears to be maintained (poor as it is in all places). Texaco uncertain of where water comes from also.

Below 10,400' definitely very tight

NOTE: DST #3 bears out general conclusion of a tight dolomite by decline in flow rate and flow pressure. The fact that FSIP is less than ISIP does not necessarily mean that the structure is small but may merely reflect poor communication.

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

EDMONTON — CALGARY — FORT ST. JOHN

February 2, 1967

Laboratory Report Number: F67-328

Texaco NFA Bovie Lake J-72

Pine Point Formation

Core #3: 10,034' - 10,070'
Core #4: 10,123' - 10,183'
Core #5: 10,183' - 10,226'
Core #6: 10,226' - 10,263'

C.G.L. 36

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

Operator: Texaco Exploration Company

Well No.: Texaco NFA Bovie Lake #J-72

Lab. No.: F67-328

Interval Cored:

Core #3	10,034'	--	10,070'
Core #4	10,123'	--	10,183'
Core #5	10,183'	--	10,226'
Core #6	10,226'	--	10,263'

Elevation: ---

Formation: Pine Point

Comments: The following core report shows a total of 315.34 porosity feet (average 1.9%) with 371.02 permeability feet (average 2.3 md.).

The fracture network contained in the core appears to be naturally occurring although it probably does not exist under reservoir conditions in the magnitude indicated by this analysis. These fractures increase the permeability values above those that would be obtained from the interconnected pore channels.

Several samples were unsuitable for permeability measurements due to fracturing.

The interpretation herein is based on information obtained from analysis of cores and/or material supplied by customer. Chemical & Geological Laboratories Ltd. assumes no responsibility nor makes any guarantee as to the type of production this well may yield. The opinion herein represents the best judgment of Chemical & Geological Laboratories Ltd.

COL 20

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

EDMONTON CALGARY FORT ST. JOHN

FULL DIAM. ANALYSIS

LAB NO. F67-328

OPERATOR Texaco Exploration Company FIELD ---- WELL NO. Texaco NFA Bovie Lake #J-72

LOCATION ----- FORMATION Pine Point DEPTHS * See Below DATE Received: Jan. 16/67

Footage of PINE POINT formation cored 176.0

No. of representative samples selected for analysis 206

FEET OF CORE:

Received at laboratory for analysis 168.3

Compared (to tested samples)

NOT ACCOUNTED FOR 7.7

Dense sections not represented .0

Represented by samples 164.9

Badly fractured sections not represented 3.4

SUMMARY OF REPRESENTED SECTIONS:

(1) represented / received = 164.9 / 168.3 (2) represented / cored = 164.9 / 176.0

Weighted average porosity	164.2 FT	1.9 %	Maximum porosity		10.6 %
Weighted average K_H permeability	145.4 FT	2.15 md.	Minimum porosity	B	.5 %
Weighted average K' permeability	142.0 FT	.74 md.	Maximum K_H permeability		62.00 md.
Weighted average vertical permeability	159.6 FT	.60 md.	Minimum K_H permeability	B	.10 md.
Weighted average maximum permeability	162.6 FT	2.28 md.	Maximum vertical permeability		55.00 md.
Porosity feet		315.34	Minimum vertical permeability	B	.10 md.

CORE WITH MAXIMUM PERMEABILITY:

	10.0 md. or greater	between 1.0 and 9.9 md. inclusive	less than 1.0 md.	
Footage	8.0	37.7	116.9	
Weighted average porosity	2.4 %	2.3 %	1.7 %	%
Weighted average K_H permeability	27.96 md.	3.04 md.	.28 md.	md.
Weighted average vertical permeability	5.22 md.	.91 md.	.16 md.	md.
Porosity feet	19.56	87.64	203.74	

* Depths:

Core #3 10,034' -- 10,070'
Core #4 10,123' -- 10,183'
Core #5 10,183' -- 10,226'
Core #6 10,226' -- 10,263'

CGL 52

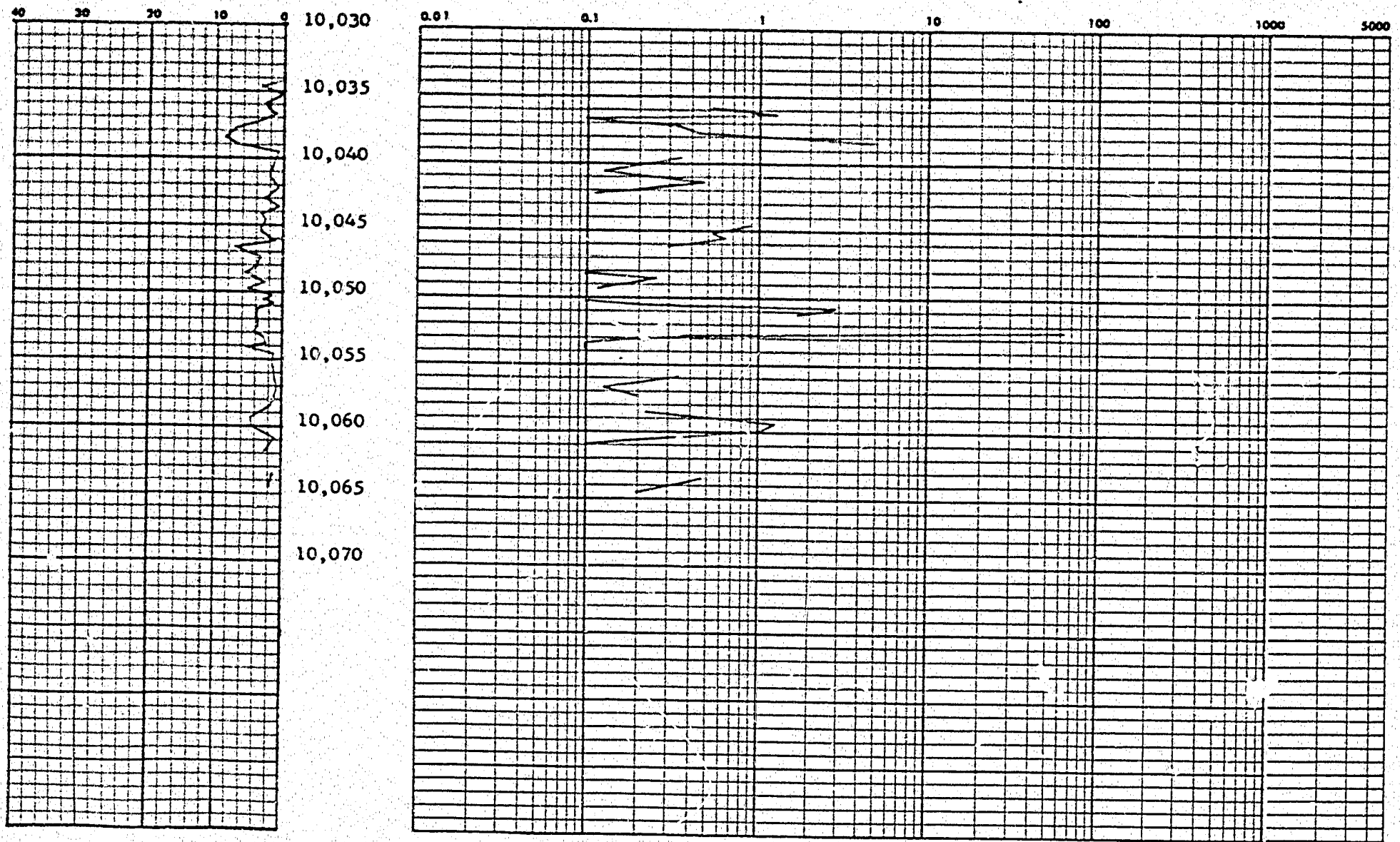
CHEMICAL & GEOLOGICAL LABORATORIES LTD.

CORE #3

Operator Texaco Exploration Company Interval Cored 10,034' To 10,070'

Well No. Texaco MFA Bovie Lake #J-72 Coring Fluid ---

Lab. No. F67-326 Elevation --- Formation Pine Point



CGL 52

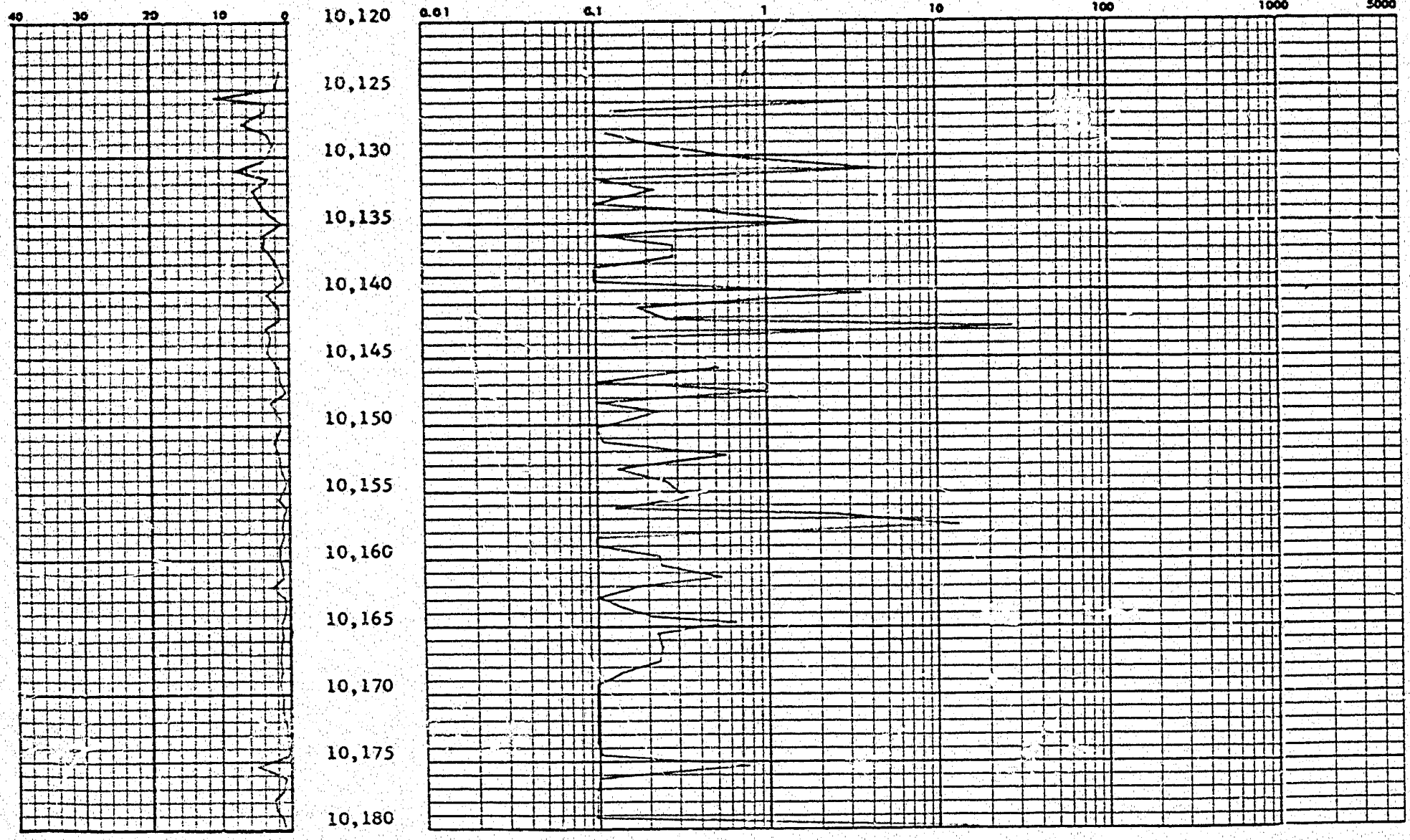
CHEMICAL & GEOLOGICAL LABORATORIES LTD.

Core #4

Operator Texaco Exploration Company Interval Cored 10,123' To 10,183'

Well No. Texaco NFA Bovie Lake #J-72 Coring Fluid ---

Lab. No. F67-328 Elevation --- Formation Pine Point



CGL 52

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

Operator: Texaco Exploration Company

Core #4 10,123' To 10,183'
Core #5 10,183' To 10,226'
Interval Cored

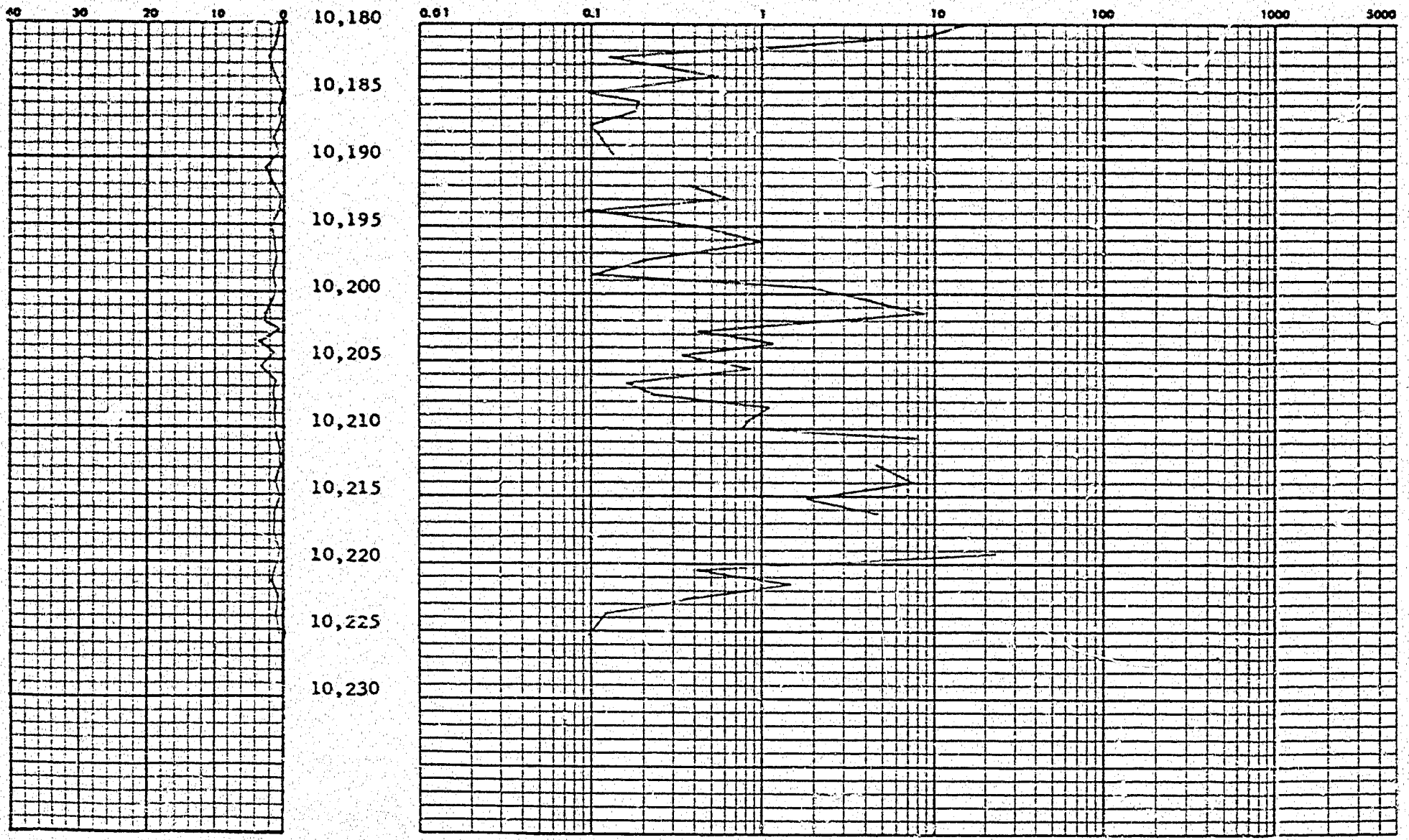
Well No.: Texaco NFA Bovie Lake #J-72

Coring Fluid: ---

Lab. No.: F67-328

Elevation: ---

Formation: Pine Point



COL 92

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

Operator Texaco Exploration Company

Well No. Texaco NFA Bovie Lake #J-72

Lab. No. F67-328

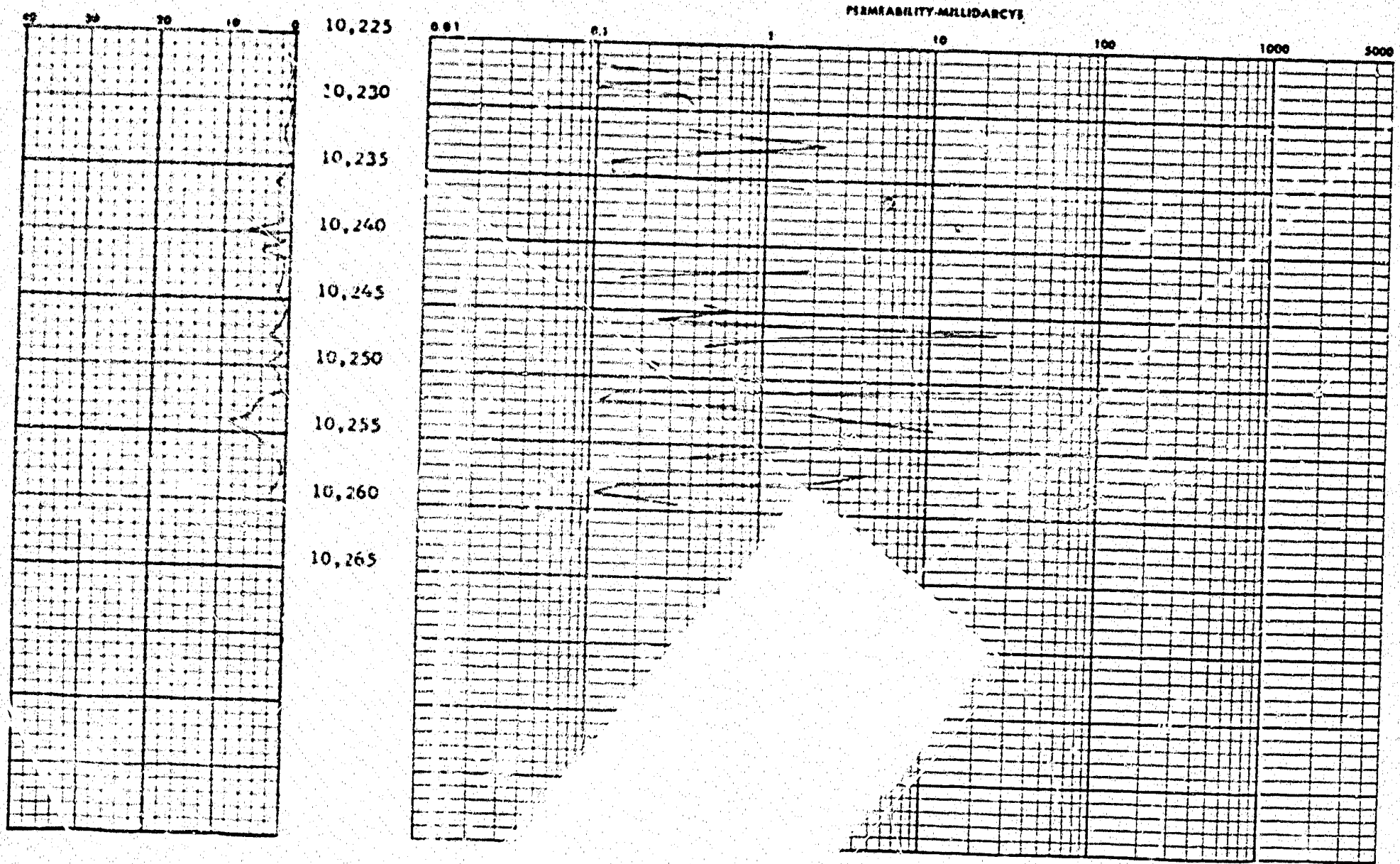
Core #6

Interval Cored 10,226' To 10,263'

Coring Fluid ---

Elevation ---

Formation Pine Point



CHEMICAL & GEOLOGICAL LABORATORIES LTD.

Lab. NO. F67-328

OPERATOR Texaco Exploration Company WELL NO. Texaco NFA Bovie Lake #J-72 DATE Received: Jan. 16/67

Sample Number	Midpoint of Sample in Ft.	Representative of feet	Footage Rep.	Permeability md Vertical	K_H	K'	% Porosity	Porosity Feet	Description	Oil and Water Saturation Residual Saturation % H_2O	% Oil
CORE NUM. 3		10034.0- 10070.0		PINE POINT FORMATION			CORED 36.0		RECEIVED IN LABORATORY 31.3		
NO SAMPLE-RBBLE		10034.0-10034.4	.4						DOL,CA,RI,OCCV,RUBBLE		
1	10034.6	10034.4-10034.7	.3	.41	A	A	3.4	1.02	DOL,CA,RI,OCCV,RC		
NO SAMPLE-RBBLE		10034.7-10035.6	.9						CA,DOL,RI,RUBBLE		
2	10035.9	10035.6-10036.1	.5	.21	.51	.45	2.4	1.20	DOL,CA,RI,OCCV,X		
3	10036.3	10036.1-10036.5	.4	.26	1.30	.29	2.1	.84	DOL,CA,RI,OCCV,X,RC		
4	10036.7	10036.5-10036.9	.4	-.10	-.10	-.10	1.2	.48	DOL,RI		
5	10037.2	10036.9-10037.5	.6	.16	.35	.34	3.3	1.98	DOL,CA,RI,OCCV,X,RC		
6	10037.8	10037.5-10038.0	.5	.15	.44	.18	7.2	3.60	DOL,CA,RI,LV,X		
7	10038.4	10038.0-10038.7	.7	1.30	4.90	.47	8.5	5.95	DOL,CA,RI,LV,X		
8	10039.0	10038.7-10039.2	.5	.69	A	A	7.0	3.50	DOL,CA,RI,LV,X		
9	10039.6	10039.2-10040.0	.8	-.10	.35	-.10	.8	.64	DOL,CA,RI,OCCV,X		
10	10040.5	10040.0-10040.9	.9	-.10	.13	-.10	1.9	1.71	DOL,RI		
11	10041.3	10040.9-10041.7	.8	.27	.47	.30	2.0	1.60	DOL,CA,RI,OCCV,X		
12	10042.2	10041.7-10042.7	1.0	-.10	.11	-.10	.6	.60	DOL,CA,RI,OCCV,X		
13	10043.0	10042.7-10043.3	.6	.14	A	A	2.4	1.44	DOL,CA,RI,OCCV,X		
14	10043.6	10043.3-10043.8	.5	.57	A	A	-.5	.25	DOL,CA,RI,RC		
15	10044.1	10043.8-10044.4	.6	.79	A	A	3.3	1.98	DOL,CA,RI,OOCV		
16	10044.7	10044.4-10044.9	.5	.38	.88	.28	2.6	1.30	DOL,CA,RI,OCCV,RC		
17	10045.1	10044.9-10045.3	.4	2.30	.52	.39	3.3	1.32	DOL,CA,RI,OCCV		

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

LAB. NO. F67-328

OPERATOR Texaco Exploration Company WELL NO. Texaco NFA Bovie Lake #J-72 DATE Received: Jan. 16/67

Sample Number	Midpoint of Sample in Ft.	Representative of feet	Footage Rep.	Permeability md. Vertical	Permeability md. K_H	Permeability md. K'	% Porosity	Porosity Feet	Description	Oil and Water Saturation Residual Saturation % H_2O	Oil and Water Saturation Residual Saturation % Oil
CORE NUM. 3		10034.0- 10070.0		PINE POINT FORMATION			CORED 36.0		RECEIVED IN LABORATORY 31.3		
18	10045.7	10045.3-10046.0	.7	.23	.62	.22	3.2	2.24	DOL,CA,RI,LV		
19	10046.2	10046.0-10046.4	.4	2.10	.30	.29	1.1	.44	DOL,CA,RI,OCCV		
20	10046.7	10046.4-10047.0	.6	1.40	A	A	6.8	4.08	DOL,CA,RI,LV		
21	10047.4	10047.0-10047.7	.7	.78	A	A	3.3	2.31	DOL,CA,RI,OCCV,X		
22	10048.0	10047.7-10048.2	.5	-.10	-.10	-.10	4.0	2.00	DOL,CA,RI,OCCV,X		
23	10048.6	10048.2-10048.9	.7	.11	.26	-.10	5.7	3.99	DOL,CA,RI,OCCV,X		
24	10049.3	10048.9-10049.6	.7	.15	.12	-.10	2.6	1.82	DOL,CA,RI,LV,X		
25	10049.8	10049.6-10049.9	.3	.29	A	A	5.1	1.53	DOL,CA,RI,LV,X		
26	10050.2	10049.9-10050.4	.5	.21	-.10	-.10	1.7	.85	DOL,CA,RI,OCCV,X		
27	10050.6	10050.4-10050.7	.3	-.10	.23	.20	2.9	.87	DOL,CA,RI		
28	10050.9	10050.7-10051.0	.3	.48	2.90	.29	1.4	.42	DOL,CA,RI		
29	10051.2	10051.0-10051.4	.4	.20	1.70	1.60	3.9	1.56	DOL,CA,RI,OCCV,X		
30	10051.7	10051.4-10052.0	.6	.26	A	A	3.9	2.34	DOL,CA,RI,OCCV,X		
31	10052.4	10052.0-10052.7	.7	-.10	62.00	1.10	3.8	2.66	DOL,CA,RI,OCCV,X		
32	10052.9	10052.7-10053.1	.4	.11	.36	-.10	4.0	1.60	DOL,CA,RI,OCCV,X		
33	10053.3	10053.1-10053.5	.4	-.10	-.10	A	2.8	1.12	DOL,CA,RI,OCCV,X		
34	10053.8	10053.5-10054.1	.6	-.10	-.10	-.10	2.4	1.44	DOL,CA,RI,OCCV,X		
35	10054.2	10054.1-10054.3	.2	-.10	A	A	5.2	1.04	DOL,CA,RI,LV,X		
36	10054.6	10054.3-10054.8	.5	.21	.17	.16	1.2	.60	DOL,CA,RI,OCCV,X		

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

LAB. NO. F67-328

OPERATOR Texaco Exploration Company WELL NO. Texaco NFA Bovie Lake #J-72 DATE Received: Jan. 16/67

Sample Number	Midpoint of Sample in Ft.	Representative of feet	Footage Rep.	Permeability md. Vertical	K_H	K'	% Porosity	Porosity Feet	Description	Oil and Water Saturation Residual Saturation % H_2O	% Oil
CORE NUM. 3		10034.0- 10070.0		PINE POINT FORMATION			CORED 36.0		RECEIVED IN LABORATORY 31.3		
37	10055.1	10054.8-10055.4	.6	-.10	A	A	1.5	.90	DOL,CA,RI,OCCV,X		
38	10055.9	10055.4-10056.4	1.0	.13	.34	.23	1.3	1.30	DOL,CA,RI,OCCV,X		
39	10056.7	10056.4-10057.0	.6	-.10	.13	-.10	1.0	.60	DOL,CA,RI,OCCV,X		
40	10057.3	10057.0-10057.6	.6	-.10	.20	.11	.9	.54	DOL,CA,RI		
41	10057.8	10057.6-10058.0	.4	A	A	A	1.1	.44	DOL,CA,RI		
42	10058.5	10058.0-10059.0	1.0	.13	.22	.20	1.9	1.90	DOL,CA,RI,OCCV,X,RC		
43	10059.3	10059.0-10059.5	.5	.98	1.30	.63	4.6	2.30	DOL,CA,RI,OCCV,X		
44	10060.0	10059.5-10060.4	.9	-.10	1.00	.92	4.4	3.96	DOL,CA,RI,LV,X		
45	10060.9	10060.4-10061.4	1.0	-.10	-.10	-.10	1.0	1.00	DOL,CA,RI,OCCV,X		
46	10061.8	10061.4-10062.2	.8	-.10	A	A	2.3	1.84	DOL,CA,RI,OCCV,X		
47	10062.6	10062.2-10062.9	.7	B	B	B	B		DOL,CA,RI,OCCV,X,RUBBLE		
48	10063.4	10062.9-10063.9	1.0	-.10	.47	.10	1.2	1 20	DOL,CA,RI,OCCV,X,RC		
49	10064.4	10063.9-10064.8	.9	.13	.20	.14	1.8	1.62	DOL,CA,RI,OCCV,X,RC		
NO SAMPLE-RBBLE		10064.8-10065.3	.5						DOL,CA,RI,V,RUBBLE		

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

LAB. NO. F67-328

OPERATOR Texaco Exploration Company WELL NO. Texaco NFA Bovie Lake #J-72 DATE Received: Jan. 16/67

Sample Number	Midpoint of Sample in Ft.	Representative of feet	Footage Rep.	Permeability md. Vertical	Permeability md. K_H	K'	% Porosity	Porosity Feet	Description	Oil and Water Saturation Residual Saturation % H_2O	Oil and Water Saturation Residual Saturation % Oil
CORE NUM. 4		10123.0- 10183.0		PINE POINT FORMATION		CORED	60.0	RECEIVED IN LABORATORY	60.0		
94	10123.7	10123.0-10124.4	1.4	.16	.79	.35	1.3	1.82	DOL,CA,RI,OCCV,X,RF		
95	10125.0	10124.4-10125.5	1.1	.14	.63	.40	2.0	2.20	DOL,CA,RI,OCCV,X,RF		
96	10125.7	10125.5-10125.8	.3	3.40	A	A	10.6	3.18	DOL,CA,PI,V,X,RF		
97	10126.1	10125.8-10126.3	.5	11.00	3.10	2.80	3.3	1.65	DOL,CA,RI,OCCV,X,RF		
98	10126.7	10126.3-10127.0	.7	.21	.13	.13	3.3	2.31	DOL,CA,RI,LV,X,RC		
99	10127.5	10127.0-10127.9	.9	.14	A	A	6.4	5.76	DOL,CA,RI,V,X,RC		
100	10128.3	10127.9-10128.6	.7	-.10	.12	-.10	3.2	2.24	DOL,CA,RI,OCCV,X		
101	10129.2	10128.6-10129.7	1.1	.19	.23	.17	2.1	2.31	DOL,CA,RI,OCCV,X,ST,RC		
102	10130.2	10129.7-10130.7	1.0	.15	.75	-.10	3.4	3.40	DOL,CA,RI,OCCV,X,VF		
103	10131.0	10130.7-10131.3	.6	.49	4.60	1.40	7.9	4.74	DOL,CA,RI,V,X		
104	10131.7	10131.3-10132.0	.7	-.10	-.10	-.10	3.1	2.17	DOL,CA,RI,OCCV,X		
105	10132.5	10132.0-10133.0	1.0	-.10	.22	.22	5.1	5.10	DOL,CA,RI,V,X		
106	10133.5	10133.0-10134.0	1.0	-.10	.10	-.10	4.1	4.10	DOL,CA,RI,V,X		
107	10134.3	10134.0-10134.5	.5	-.10	.52	.17	3.0	1.50	DOL,CA,RI,OCCV,X,RC		
108	10135.0	10134.5-10135.4	.9	-.10	2.00	.91	1.0	.90	DOL,CA,RI,HF		
109	10135.9	10135.4-10136.3	.9	-.10	-.10	-.10	3.8	3.42	DOL,CA,RI,V,X		
110	10136.7	10136.3-10137.0	.7	.16	.29	.23	3.9	2.73	DOL,CA,RI,V,X		
111	10137.4	10137.0-10137.8	.8	.30	.29	.12	2.4	1.92	DOL,CA,PI,OCCV,X,RC		
112	10138.3	10137.8-10138.8	1.0	-.10	-.10	-.10	1.7	1.70	DOL,CA,RI,ST		

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

LAB. NO. F67-328

OPERATOR Texaco Exploration Company WELL NO. Texaco NFA Bovie Lake #J-72 DATE Received: Jan. 16/67

Sample Number	Midpoint of Sample in Ft.	Representative of feet	Footage Rep.	Permeability md. Vertical	K_H	K'	% Porosity	Porosity Feet	Description	Oil and Water Saturation Residual Saturation % H_2O	% Oil
CORE NUM. 4		10123.0- 10183.0		PINE POINT FORMATION			CORED 60.0	RECEIVED IN LABORATORY 60.0			
113	10139.3	10138.8-10139.7	.9	-.10	-.10	-.10	.8	.72	DOL,CA,RI		
114	10140.3	10139.7-10140.9	1.2	A	3.60	A	3.4	4.08	DOL,CA,RI,OCCV,OVF		
115	10141.3	10140.9-10141.7	.8	A	.18	A	1.7	1.36	DOL,CA,RI,OCCV,X,OVF		
116	10142.1	10141.7-10142.5	.8	-.10	.27	-.10	1.5	1.20	DOL,CA,RI,RC		
117	10142.8	10142.5-10143.0	.5	.20	28.00	.28	3.6	1.80	DOL,CA,RI,OCCV,X,VF		
118	10143.5	10143.0-10144.0	1.0	A	.17	A	2.9	2.90	DOL,CA,RI,OCCV,X,OVF		
119	10144.6	10144.0-10145.2	1.2	A	A	A	3.3	3.96	DOL,CA,RI,OCCV,X,OVF		
120	10145.8	10145.2-10146.4	1.2	.10	.51	.21	1.5	1.80	DOL,CA,RI,RC		
121	10146.8	10146.4-10147.1	.7	-.10	-.10	-.10	1.4	.98	DOL,CA,RI		
122	10147.5	10147.1-10147.9	.8	-.10	1.00	-.10	-.5	.40	DOL,CA,RI,HF		
123	10148.3	10147.9-10148.7	.8	-.10	-.10	-.10	2.9	2.32	DOL,CA,RI,OCCV,X		
124	10149.0	10148.7-10149.3	.6	.11	.23	.11	2.0	1.20	DOL,CA,RI,RC		
125	10149.5	10149.3-10149.7	.4	-.10	.18	-.10	1.4	.56	DOL,CA,RI,RC		
126	10150.2	10149.7-10150.7	1.0	-.10	-.10	-.10	1.4	1.40	DOL,CA,RI,RC		
127	10151.3	10150.7-10151.9	1.2	-.10	.11	-.10	2.1	2.52	DOL,CA,RI,RC		
128	10152.4	10151.9-10152.9	1.0	.11	.58	.14	1.5	1.50	DOL,CA,RI,VF		
129	10153.3	10152.9-10153.7	.8	.10	.14	.13	1.2	.96	DOL,CA,RI,RC		
130	10154.1	10153.7-10154.4	.7	-.10	.26	.23	-.5	.35	DOL,CA,RI,RC		
131	10154.7	10154.4-10155.0	.6	.12	.29	.23	.8	.48	DOL,CA,RI,RC		

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

LAB. NO. F67-328

OPERATOR Texaco Exploration Company WELL NO. Texaco NFA Bovie Lake #J-72 DATE Received: Jan. 16/67

CORE NUM. 4

Sample Number	Midpoint of Sample in Ft.	Representative of Test	Footage Rep.	Permeability md. Vertical	Permeability md. K_H	Permeability md. K"	% Porosity	Porosity Feet	Description	Oil and Water Saturation Residual Saturation % H_2O	Oil and Water Saturation Residual Saturation % Oil
		10123.0- 10183.0		PINE POINT	FORMATION		CORED 60.0	RECEIVED IN LABORATORY 60.0			
132	10155.4	10155.0-10155.7	.7	.15	.34	.29	1.8	1.26	DOL,CA,SH,RI,RC		
133	10156.1	10155.7-10156.4	.7	-.10	.13	-.10	-.5	.35	DOL,CA,RI,RC		
134	10156.7	10156.4-10157.0	.6	2.60	2.60	.14	.7	.42	DOL,CA,RI,VF		
135	10157.5	10157.0-10157.9	.9	.24	14.00	-.10	1.1	.99	DOL,CA,RI,VF		
136	10158.3	10157.9-10158.6	.7	-.10	-.10	-.10	.9	.63	DOL,CA,RI		
137	10159.0	10158.6-10159.4	.8	-.10	-.10	-.10	1.5	1.20	DOL,CA,RI		
138	10159.9	10159.4-10160.4	1.0	-.10	.23	-.10	1.5	1.50	DOL,CA,RI,RC		
139	10160.7	10160.4-10161.0	.6	.26	.24	.14	1.1	.66	DOL,CA,RI,RC		
140	10161.3	10161.0-10161.6	.6	.14	.53	.46	1.0	.60	DOL,CA,RI,RC		
141	10162.0	10161.6-10162.4	.8	.14	.19	.11	2.4	1.92	DOL,CA,RI,RC		
142	10162.9	10162.4-10163.3	.9	-.10	-.10	-.10	.9	.81	DOL,CA,RI		
143	10163.7	10163.3-10164.0	.7	-.10	.15	.11	.8	.56	DOL,CA,RI,RC		
144	10164.3	10164.0-10164.5	.5	-.10	.21	.16	.9	.45	DOL,CA,RI,RC		
145	10164.8	10164.5-10165.0	.5	.26	.64	.10	1.3	.65	DOL,CA,RI,RC,VF		
146	10165.5	10165.0-10166.0	1.0	-.10	.23	.13	1.1	1.10	DOL,CA,RI,RC		
147	10166.5	10166.0-10167.0	1.0	.10	.24	.11	1.4	1.40	DOL,CA,RI,RC		
148	10167.6	10167.0-10168.1	1.1	-.10	.23	-.10	1.6	1.76	DOL,CA,RI,HF		
149	10168.4	10168.1-10168.7	.6	-.10	.14	-.10	1.4	.84	DOL,CA,RI,HF		
150	10169.2	10168.7-10169.7	1.0	-.10	-.10	-.10	1.7	1.70	DOL,CA,RI		

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

LAB. NO. F67-328

OPERATOR Texaco Exploration Company WELL NO. Texaco NFA Bovie Lake #J-72 DATE Received: Jan. 16/67

Sample Number	Midpoint of Sample in Ft.	Representative of feet	Footage Rep	Permeability md. Vertical	Permeability md. K_H	K'	% Porosity	Porosity Feet	Description	Oil and Water Saturation Residual Saturation % H_2O	Oil and Water Saturation Residual Saturation % Oil
CORE NUM. 4		10123.0- 10183.0		PINE POINT FORMATION			CORED 60.0		RECEIVED IN LABORATORY 60.0		
151	10170.3	10169.7-10170.8	1.1	-.10	-.10	-.10	1.2	1.32	DOL,CA,RI		
152	10171.3	10170.8-10171.8	1.0	-.10	-.10	-.10	1.3	1.30	DOL,CA,RI		
153	10172.4	10171.8-10173.0	1.2	-.10	-.10	-.10	.7	.84	DOL,CA,RI		
154	10173.7	10173.0-10174.3	1.3	-.10	-.10	-.10	.5	.65	DOL,CA,RI		
155	10174.6	10174.3-10174.9	.6	-.10	.10	-.10	-.5	.30	DOL,CA,RI		
156	10175.3	10174.9-10175.7	.8	.13	.87	.11	4.1	3.28	DOL,CA,RI,V,X		
157	10176.2	10175.7-10176.7	1.0	-.10	.10	-.10	.8	.80	DOL,CA,RI		
158	10177.1	10176.7-10177.4	.7	-.10	-.10	-.10	1.1	.77	DOL,CA,RI		
159	10177.8	10177.4-10178.1	.7	-.10	-.10	-.10	2.3	1.61	DOL,CA,RI		
160	10178.5	10178.1-10178.8	.7	-.10	-.10	-.10	2.1	1.47	DOL,CA,RI,OCCV,X		
161	10179.2	10178.8-10179.5	.7	-.10	-.10	-.10	1.2	.84	DOL,CA,RI,OCCV,X		
162	10180.0	10179.5-10180.4	.9	1.10	17.00	-.10	1.0	.90	DOL,CA,RI,VF		
163	10180.9	10180.4-10181.4	1.0	.24	9.00	.27	1.1	1.10	DOL,CA,RI,VF		
164	10181.8	10181.4-10182.1	.7	1.30	1.10	.46	1.6	1.12	DOL,CA,RI,OCCV,X,VF		
165	10182.6	10182.1-10183.0	.9	.11	.13	.10	2.1	1.89	DOL,CA,RI,RC		

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

LAB. NO. F67-328

OPERATOR Texaco Exploration Company WELL NO. Texaco NFA Bovie Lake #J-72 DATE Received: Jan. 16/67

Sample Number	Midpoint of Sample in ft.	Representative of feet	Footage Rep.	Permeability md. Vertical	Permeability md. K_H	C	% Porosity	Porosity Feet	Description	Oil and Water Saturation Residual Saturation % H_2O	Oil and Water Saturation Residual Saturation % Oil
CORE NUM. 5		10183.0 - 10226.0		PINE POINT FORMATION			CORED 43.0		RECEIVED IN LABORATORY 43.0		
166	10183.9	10183.0-10184.7	1.7	.24	.54	.44	1.6	2.72	DOL,CA,RI,RC		
167	10185.1	10184.7-10185.5	.8	-.10	-.10	-.10	-.5	.40	DOL,CA,RI		
168	10185.9	10185.5-10186.2	.7	-.10	.19	.17	-.5	.35	DOL,CA,RI,RC		
169	10186.5	10186.2-10186.8	.6	-.10	.18	.14	.8	.48	DOL,CA,RI,RC		
170	10187.4	10186.8-10188.0	1.2	-.10	-.10	-.10	-.5	.60	DOL,CA,RI		
171	10188.7	10188.0-10189.3	1.3	-.10	.12	.10	1.6	2.08	DOL,CA,RI		
172	10189.8	10189.3-10190.3	1.0	-.10	.14	-.10	.8	.80	DOL,CA,RI,RC		
173	10190.8	10190.3-10191.3	1.0	-.10	A	A	2.2	2.20	DOL,CA,RI,LV,X,OHF		
174	10192.0	10191.3-10192.6	1.3	-.10	.38	.27	1.5	1.95	DOL,CA,RI,RC		
175	10193.0	10192.6-10193.3	.7	-.10	.63	.47	-.5	.35	DOL,CA,RI,RC		
176	10193.9	10193.3-10194.4	1.1	-.10	-.10	-.10	.5	.55	DOL,CA,RI		
177	10195.0	10194.4-10195.6	1.2	.12	.41	.23	1.9	2.28	DOL,CA,RI,RC		
178	10196.2	10195.6-10196.8	1.2	.15	1.00	.69	1.4	1.68	DOL,CA,RI,RF		
179	10197.5	10196.8-10198.1	1.3	-.10	.20	.14	1.1	1.43	DOL,CA,RI,RC		
180	10198.6	10198.1-10199.0	.9	-.10	.10	-.10	1.7	1.53	DOL,CA,OCCV,X		
181	10199.5	10199.0-10200.0	1.0	.24	2.00	1.50	1.4	1.40	DOL,CA,OCCV,X,RF		
182	10200.5	10200.0-10201.0	1.0	.83	4.40	2.30	1.5	1.50	DOL,CA,OCCV,X,RF		
183	10201.4	10201.0-10201.7	.7	.80	8.70	5.10	2.2	1.54	DOL,CA,OCCV,X,RF		
184	10202.1	10201.7-10202.5	.8	.31	1.70	.64	2.6	2.08	DOL,CA,OCCV,X,RF		
185	10202.8	10202.5-10203.1	.6	.31	.41	.33	.8	.48	DOL,CA,OCCV,X,RF		

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

LAB. NO. P67-328

OPERATOR Texaco Exploration Company WELL NO. Texaco NFA Bovie #J-72 DATE Received: Jan. 16/67

Sample Number	Midpoint of Sample in Ft.	Representative of feet	Footage Rep.	Permeability md. Vertical	K_H	K_{max}	% Porosity	Porosity Feet	Description	Oil and Water Saturation Residual Saturation % H_2O	% Oil
CORE	NUM. 5	10183.0 - 10226.0		PINE POINT	FORMATION	CORED	43.0	RECEIVED IN LABORATORY	43.0		
186	10203.7	10203.1-10204.2	1.1	.55	1.20	.66	3.6	3.96	DOL,CA,V,X,RF		
187	10204.6	10204.2-10205.0	.8	.24	.34	.26	1.7	1.36	DOL,CA,OCCV,X,RF		
188	10206.0	10205.0-10206.9	1.9	.42	.86	.67	3.3	6.27	DOL,CA,R1,LV,X,RF		
189	10207.1	10206.9-10207.3	.4	-.10	.17	.12	1.1	.44	DOL,CA,R1,RC		
190	10207.7	10207.3-10208.0	.7	.26	.23	.20	1.7	1.19	DOL,CA,R1,RC		
191	10208.5	10208.0-10208.9	.9	.28	1.10	1.00	1.0	.90	DOL,CA,R1,RC		
192	10209.3	10208.9-10209.6	.7	.87	.82	.65	1.6	1.12	DOL,CA,R1,OCCV,X,RC		
193	10210.0	10209.6-10210.4	.8	.54	.77	.57	1.4	1.12	DOL,CA,R1,OCCV,X,RC		
194	10210.9	10210.4-10211.3	.9	.18	7.80	1.60	1.0	.90	DOL,CA,R1,RF		
195	10211.7	10211.3-10212.1	.8	1.40	A	A	-.5	.40	DOL,CA,R1,RF		
196	10212.8	10212.1-10213.5	1.4	1.30	4.60	3.90	-.5	.70	DOL,CA,R1,RF		
197	10214.1	10213.5-10214.6	1.1	1.50	7.60	5.80	1.3	1.43	DOL,CA,R1,RF		
198	10215.1	10214.6-10215.5	.9	-.10	1.90	.64	-.5	.45	DOL,CA,R1,HF		
199	10216.3	10215.5-10217.0	1.5	.55	4.70	4.30	1.2	1.80	DOL,CA,R1,RF		
200	10217.8	10217.0-10218.5	1.5	2.10	A	A	1.2	1.80	DOL,CA,R1,RF		
201	10219.2	10218.5-10219.9	1.4	.18	23.00	13.00	-.5	.70	DOL,CA,R1,RF		
202	10220.4	10219.9-10220.9	1.0	.41	.40	.27	1.1	1.10	DOL,CA,R1,RF		
203	10221.5	10220.9-10222.0	1.1	4.10	1.60	.54	1.8	1.98	DOL,LS,R2,RF		
204	10222.6	10222.0-10223.2	1.2	.11	.34	.18	.7	.84	DOL,LS,R2,RC		
205	10223.9	10223.2-10224.6	1.4	-.10	.12	-.10	.8	1.12	DOL,LS,R2		
206	10225.3	10224.6-10226.0	1.4	-.10	-.10	-.10	.5	.70	DOL,CA,R1		

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

LAB. NO. F67-328

OPERATOR Texaco Exploration Company WELL NO. Texaco NFA Bovie Lake #J-72 DATE Received: Jan. 16/67

Sample Number	Midpoint of Sample in Ft.	Representative of feet	Footage Rep.	Permeability md. Vertical	Permeability md. K_H	K'	% Porosity	Porosity Feet	Description	Oil and Water Saturation Residual Saturation % H_2O	Oil and Water Saturation Residual Saturation % Oil
CORE NUM. 6		10226.0- 10263.0		PINE POINT FORMATION			CORED 37.0		RECEIVED IN LABORATORY 34.0		
50	10226.5	10226.0-10227.0	1.0	-.10	-.10	-.10	.9	.90	DOL,CA,R1,RC		
51	10227.5	10227.0-10228.0	1.0	-.10	.50	.17	.6	.60	DOL,CA,R1,RC		
52	10228.3	10228.0-10228.5	.5	-.10	-.10	-.10	-.5	.25	DOL,CA,R1,RC		
53	10228.9	10228.5-10229.2	.7	-.10	.32	.10	.7	.49	DOL,CA,R1,RC		
54	10229.6	10229.2-10230.0	.8	-.10	.38	.29	1.2	.96	DOL,CA,R1,RC		
55	10230.5	10230.0-10230.9	.9	.38	A	A	-.5	.45	DOL,CA,R1,HF		
56	10231.4	10230.9-10231.8	.9	-.10	.35	.24	.6	.54	DOL,CA,R1,HF		
57	10232.2	10231.8-10232.6	.8	.19	2.20	1.20	1.4	1.12	DOL,CA,R1,RF		
58	10233.1	10232.6-10233.5	.9	.11	.65	.35	1.3	1.17	DOL,CA,R1,RF		
59	10233.9	10233.5-10234.3	.8	-.10	.13	-.10	-.5	.40	DOL,CA,R1,RC		
60	10234.8	10234.3-10235.3	1.0	-.10	.13	.11	-.5	.50	DOL,CA,R1,RC		
61	10235.7	10235.3-10236.0	.7	.38	1.80	.95	1.3	.91	DOL,CA,R1,RF		
62	10236.2	10236.0-10236.3	.3	1.70	A	A	2.3	.69	DOL,CA,R1,RF		
63	10236.7	10236.3-10237.0	.7	.26	5.50	3.10	1.1	.77	DOL,CA,R1,RF		
NO SAMPLE-RBBLE		10237.0-10238.0	1.0						CA,DOL,RUBBLE		
64	10238.3	10238.0-10238.6	.6	1.30	15.00	12.00	1.5	.90	DOL,CA,R1,RF		
65	10239.1	10238.6-10239.5	.9	1.70	A	A	1.4	1.26	DOL,CA,R1,RF		
66	10239.9	10239.5-10240.3	.8	1.70	A	A	6.1	4.88	DOL,CA,R1,OCCV,X,RF		
67	10240.7	10240.3-10241.0	.7	.51	4.20	2.10	.7	.49	DOL,CA,R1,OCCV,X,RF		

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

LAB. NO. F.67-328

OPERATOR Texaco Exploration Company WELL NO. Texaco NFA Bovie Lake #J-72 DATE Received: Jan. 16/67

Sample Number	Midpoint of Sample in Ft.	Representative of feet	Footage Rep.	Permeability, md. Vertical	Permeability, md. K_H	Permeability, md. K'	% Porosity	Porosity Feet	Description	Oil and Water Saturation Residual Saturation % H_2O	Oil and Water Saturation Residual Saturation % Oil
CORE NUM. 6		10226.0- 10263.0		PINE POINT FORMATION		CORED	37.0		RECEIVED IN LABORATORY 34.0		
68	10241.3	10241.0-10241.6	.6	1.90	A	A	4.7	2.82	DOL,CA,R1,OCCV,X,RF		
69	10241.9	10241.6-10242.1	.5	-.10	1.90	.15	.7	.35	DOL,CA,R1,HF		
70	10242.6	10242.1-10243.1	1.0	-.10	.16	.12	.8	.80	DOL,CA,R1,RC		
71	10243.6	10243.1-10244.0	.9	.14	A	A	1.2	1.08	DOL,CA,R1,RC		
72	10244.4	10244.0-10244.7	.7	.60	.45	.34	1.8	1.26	DOL,CA,R1,RC		
73	10245.0	10244.7-10245.3	.6	.29	.65	.47	1.3	.78	DOL,CA,R1,RC		
74	10245.7	10245.3-10246.0	.7	.47	.25	.19	.5	.35	DOL,CA,R1,RC		
75	10246.3	10246.0-10246.6	.6	.47	25.00	4.60	.7	.42	DOL,CA,R1,OCCV,X,RF		
76	10246.9	10246.6-10247.2	.6	.19	1.60	.96	1.4	.84	DOL,CA,R1,RF		
77	10247.6	10247.2-10247.9	.7	2.00	.47	.41	2.9	2.03	DOL,CA,R1,OCCV,X,RF		
78	10248.3	10247.9-10248.7	.8	.39	A	A	.9	.72	DOL,CA,PY,NR,RF		
79	10249.1	10248.7-10249.5	.8	.18	.23	.20	1.2	.96	DOL,CA,R1,RF		
80	10249.8	10249.5-10250.1	.6	1.90	A	A	2.8	1.68	DOL,CA,R2,OCCV,X,RF		
81	10250.4	10250.1-10250.7	.6	.22	60.00	7.60	1.4	.84	DOL,CA,R2,OCCV,X,RF		
82	10251.1	10250.7-10251.4	.7	.15	.16	.10	1.3	.91	DOL,CA,R1,RC		
83	10251.8	10251.4-10252.1	.7	-.10	.12	-.10	.5	.35	DOL,CA,R1,RC		
84	10252.7	10252.1-10253.2	1.1	.32	2.10	1.20	4.2	4.62	DOL,CA,R1,OCCV,X,RC		
85	10253.6	10253.2-10253.9	.7	.66	11.00	8.10	5.4	3.78	DOL,CA,R2,OCCV,X,RF		
86	10254.2	10253.9-10254.5	.6	55.00	A	A	8.2	4.92	DOL,CA,R1,V,X,RF		

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

LAB. NO. F67-328

OPERATOR Texaco Exploration Company WELL NO. Texaco NFA Bovie Lake #J-72 DATE Received: Jan. 16/67

Sample Number	Midpoint of Sample in Ft.	Representative of feet	Footage Rep.	Permeability md. Vertical	Permeability md. K_H	Permeability md. K'	% Porosity	Porosity Feet	Description	Oil and Water Saturation Residual Saturation % H_2O	Oil and Water Saturation Residual Saturation % Oil
CORE NUM. 6		10226.0- 10263.0		PINE POINT FORMATION			CORED 37.0		RECEIVED IN LABORATORY 34.0		
87	10255.1	10254.5-10255.6	1.1	.31	1.60	.70	4.5	4.95	DOL,CA,R1,V,X,RC		
88	10255.9	10255.6-10256.2	.6	.22	.41	.33	3.3	1.98	DOL,CA,R1,OCCV,X,RC		
NO SAMPLE-RBBLE		10256.2-10256.8	.6						DOL,CA,RUBBLE		
89	10257.1	10256.8-10257.3	.5	.58	4.10	1.80	1.3	.65	DOL,CA,R2,RF		
90	10257.6	10257.3-10257.8	.5	.65	2.10	.43	-.5	.25	DOL,CA,R2,RF		
91	10258.1	10257.8-10258.3	.5	.19	.16	.12	.7	.35	DOL,CA,R1,RC		
92	10258.7	10258.3-10259.0	.7	.11	.11	.11	1.2	.84	DOL,CA,R1,RC		
93	10259.5	10259.0-10260.0	1.0	.36	.34	.34	2.3	2.30	DOL,CA,R1,LV,X,RC		

CORE DESCRIPTION SYMBOLS

(a)	Unsuitable for test
A	Anhydrite
(b)	Fractured during test
BlSh	Black Shale
Bn	Bentonite
Br	Brecciated
Bt	Buttoned
Ca	Calcite
Cg	Conglomerate
Ch	Chert
Co	Coralline Fragments
CSS	Coarse Sandstone
ds	Dense Siderite
D	Dense
Dol	Dolomite
Fg	Fragmental
foss	Fossiliferous
fSL	Fine Sand Lenses
fSS	Fine Sandstone
FD	Full Diameter
Gl	Glauconitic
HC	Horizontal Crack
HF	Horizontal Fracture
I	Intergranular
InB	Interbedded
Ks	Kaolinite
K'	Taken at 90° to K_H
K_H	Maximum Horizontal Permeability Measured
Ls	Limestone
LV	Large Vugs
MSS	Medium Sandstone
mudst	Mudstone
NR	Not reactive to cold 15% HCl
O	Open
OccV	Occasional Vugs
ool	oolitic
PPV	Pin Point Vugs
PTSL	Paper-Thin Shale Laminations
Py	Pyrites
Pyb	Pyrobitumen
R1	Slightly reactive to cold 15% HCl
R2	Reactive to cold 15% HCl
RC	Random Cracks
RF	Random Fractures
S	Stained
Sd	Sand
Sdy	Sandy
Sh	Shale
ShL	Shale Lenses
Shy	Shaly
Sil	Siltstone
SI	Slightly Intergranular
SL	Sand Lenses
SP	Small Plug
St	Stylolite
SV	Slightly Vuggy
TR	Trace
U	Unconsolidated
V	Vuggy
VC	Vertical Crack
VF	Vertical Fracture
VSI	Very Slightly Intergranular
X	Crystals

NB. KH an K' are transverse permeability measurements on full diameter samples.

COL-4

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

Edmonton — Fort St. John — Calgary

GAS ANALYSIS REPORT: Lab. No. E67-2963 Received: Jan. 30,1967 Reported: Jan. 31,1967

Well: Texaco Bovie #J-72 Operator: Texaco Exploration Company

Field or Area: N.W.T. Location: Elev.: K.B. Grd.

Zone and Formation: Sample Interval: 9800' - 10,274'

Well production at sampling time: Oil bpd; Gas MCFD; Water bpd.

Sampled from: Sampled by: Date: Jan. 25, 1967

Pressure: (a) at point of sampling psig (b) Gas Bomb pressure psig

Temperature: (a) at point of sampling °F (b) Separator °F

Pressures: Reservoir Tubing Casing Separator

OTHER PERTINENT DATA Sampled from D.S.T. #3. Sample pressure: 55 psig.

(Signed)

COMPOSITION	% by Volume	G.P.M. in Imp. Gal. @ 60°F. & 14.65 PSIA
Helium	.13	
Hydrogen sulfide	.05	
Carbon dioxide	18.19	
Hydrogen	.13	
Nitrogen	2.47	
Methane	78.96	
Ethane	.07	
Propane	Trace	.00
Isobutane	.00	.00
N-butane	.00	.00
Isopentane	.00	.00
N-pentane	.00	.00
Hexanes	.00	.00
Heptanes +	.00	.00
TOTAL	100.00	.00

G.P.M. (Calculated)

pentanes +	0.00
at 12 lbs.	.00
at 15 lbs.	.00
at 22 lbs.	.00
at 26 lbs.	.00

SPECIFIC GRAVITY

Calculated	.739
by Weight	.743

CRITICALS (Calculated)

Pc	740.2
Tc	377.0

VAPOR PRESSURE (Calc.) of pentanes + 0

H_2S Grains per 100 cu. ft. @ 60°F. & 14.65 p.s.i.a. 31.3

GROSS B.T.U. (Calc.) @ 60°F. & 14.65 p.s.i.a. 796.7

DEW POINT (Calc.) p.s.i. 950 1050 1200

REMARKS

The sample was received in an aluminum container under a pressure of 55 psig. at 74°F.

The hydrogen is probably the product of reaction of hydrogen sulfide with iron while running the D.S.T.

CC-4

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

Edmonton — Fort St. John — Calgary

GAS ANALYSIS REPORT. Lab. No. 67-3285 Received: March 2, 1967 Reported: March 14, 1967

Well: Texaco Bovie Lake J-72 Operator: Texaco Exploration Company

Field or Area: Location: Elev.: K.B. Grd.

Zone and Formation: Sample Interval: 9752' - 9980'

Well production at sampling time: Oil bpd; Gas MCFD; Water bpd.

Sampled from: DST #8 Sampled by: Date:

Pressure: (a) at point of sampling psig (b) Gas Bomb pressure psig

Temperature: (a) at point of sampling °F (b) Separator °F

Pressures: Reservoir Tubing Casing Separator

OTHER PERTINENT DATA D.S.T. #8.

(Signed)

COMPOSITION	% by Volume	G.P.M. in Imp. Gal. @ 60°F. & 14.65 PSIA
Helium		
Hydrogen sulfide	.00	
Carbon dioxide	19.71	
Oxygen	.00	
Nitrogen	3.23	
Methane	76.77	
Ethane	.13	
Propane	.01	.002
Isobutane	.01	.003
N-butane	.01	.003
Isopentane	.02	.006
N-pentane	.02	.006
Hexanes	.05	.017
Heptanes +	.04	.017
TOTAL	100.00	.054

G.P.M. (Calculated)

pentanes + .046
at 12 lbs. .050
at 15 lbs. .053
at 22 lbs. .063
at 26 lbs. .071

SPECIFIC GRAVITY

Calculated .758
by Weight .751

CRITICALS (Calculated)

Pc 745.8
Tc 381.1

VAPOR PRESSURE (Calc.) of pentanes + 7.62

H_2S Grains per 100 cu. ft. @ 60°F. & 14.65 p.s.i.a. 0

GROSS B.T.U. (Calc.) @ 60°F. & 14.65 p.s.i.a. 782.8

DEW POINT (Calc.) p.s.i.	950	1050	1200
F.A.H.	5	3	-1

REMARKS

Sample was received in an aluminum container under a pressure of 12 psig. at 72°F. The analysis is corrected for 26.43% air contamination.

ALGAL CLASSIFICATION AND SYMBOLIZATION

TO BE USED ON LITHOLOGS BY AMSTRAT AND CANSTRAT

ALGAE, NON-SKELETAL

Predominantly shapes and sedimentary structures resulting from the interaction of sediment binding Algae and sediments.

Birdseye, Non-descript

a. Birdseye texture or algal mat.

b. Non-descript structureless algal ooze, lumps and patches.

No percentage of framework will be given for these non-skeletal questionable algal remains. Symbols in the lithocolumn will, however, indicate the percentage of algal remains observed.

Laminated

Laminated, domed or arched stromatolitic layers of algal filaments, without internal cellular or tubular structure, or algal bound layers of sediment attached to bottom. Organic growth, no percentage of framework except for transported, broken-up fragments.

Blue-Green Algae

Nodular, Ootoid

Nodular, hemispheroid to concentric algal filaments without internal cellular or tubular structure, or algal bound layers of sediment, commonly around a nucleus, not attached to bottom, for example, oncolites, algal balls, ootoid Algae.

A percentage of framework will be given.

Blue-Green Algae

ALGAE, SKELETAL

All skeletal Algae will be given a percentage of framework and be represented by one symbol. The following terms and abbreviations will be used in the descriptive column for further identification of the various shapes and forms.

Chain-like

Crustose or nodular masses of tubular, chain-like filaments.

Blue-Green Algae, Sphaerocodium

Internal Tubular Structure (Tub. Alg.)

a. Crustose or nodular masses of tubular, usually twisted together, minute filaments.

Blue-Green Algae, Girvanella

b. Crustose or nodular masses of tubular, branching, minute filaments.

Green Algae, Codiaceae

Leaf and stem-like (Leaf Alg.) (Stem Alg.)

Predominantly leaf and stem like shapes, as of the Green Algae, Dasycladaceae, Codiaceae, Ivanovia, etc.

Green Algae

Internal Cellular Structure (Cel. Alg.)

Internal grid-like cellular structure as in all red Algae. A percentage of framework will be given.

a. Nodular forms of red Algae with internal grid-like cellular structure as in Solenoporaceae.

b. Crustose forms of red Algae with internal grid-like cellular structure as in coralline-like Algae.

Red Algae

EXPLANATION OF ALGAL SYMBOLS TO BE USED WITH LITHOLOGS

ALGAE, NON-SKELETAL

Birdseye, Non descript

a. Birdseye will be used for those limestones or dolomites, often consisting of lime-mud or pellets, with small, sharply defined calcite-filled voids, usually interconnected, irregular or irregular lenticular arranged with vague, relict, possibly blue-green Algae non-preserved. Calcispheres are often present in birdseye limestones. Birdseye textures have been well described by various authors and although not all birdseye structures are formed by Algae, for this classification they will all be indicated by this symbol. Their environment is very significant, intertidal to supratidal, back reef to lagoonal when associated with reefs. The abbreviation "bdeye" will be used in the written description, whenever possible, to differentiate birdseye from non-descript algal ooze, lumps and patches.

b. Non-descript structureless algal ooze, lumps and patches will include only those vague non-descript possibly non-preserved blue-green and green algal remains, that are difficult to describe and often lead to lively discussions whether they are algal in origin or not. Sometimes the colour of the ooze or lump is different from the surrounding matrix or some vague relict structure or vug will suggest possible algal origin. It is very likely that the majority of these lumps and oozes are non-preserved blue-green Algae. The lime muds deposited by green Algae, producing aragonite needles will not be considered algal in this classification since they leave very little evidence of their algal origin.

Laminated

This symbol will be used for laminated, domed or arched "stromatolitic" layers of relict blue-green algal filaments, without internal cellular or tubular structure, attached to bottom or strata. These laminated domed or arched layers are referred to as stromatolites also. Only well defined algal bound layers of sediment or relict algal filaments, will fall under the laminated symbol as opposed to birdseye, where the algal lamination is much less well defined and appears to be largely interbedded with non-algal laminated sediments, containing a variable amount of calcite filled vugs. Much work has been done on recent stromatolites by Ginsburg, Rezak, Logan and others. Their work has shown that they can be used as environment indicators (intertidal to supratidal, slightly protected mud flats, bays, etc.)

Nodular, Ootoid

The nodular symbol will be used for true oncolites as well as any rock or fossil fragment with a slight blue-green algal carbonate coating.

Nodular, hemispheroid to concentric algal-bound layers of sediment or relict blue-green algal filaments, without internal cellular, tubular structure not attached to bottom, vary in their degree of growth development, from a simple thin algal coating around a fossil or rock fragment to a well-developed oncolite or algal ball with a comparatively small nucleus.

The shapes and forms of nodular ootoid algal masses are controlled by their environment. Increased continuous wave or current action will result in increasing spheroidity. Decreased discontinuous wave or current action will result in more irregular forms. In general, nodular algal forms are supposed to have formed in shallow water, but it is quite likely that they also grew in slightly deeper water. Current action may have been an important factor in shaping and transporting nodular algal forms that are occasionally found in deeper water. Thin algal coatings around a fossil or rock fragment are more common than oncolites (as described by Logan et al, 1962) and ootoid Algae (small oncolites up to approximately 2 mm.). Their environment will range from quiet, protected to moderate turbulent.

Although it is recognized that these algal forms represent organic growth, with generally little displacement from where they were formed, for simplicity they will be considered transported and given a percengage of framework.

ALGAE, SKELETAL

Reproductive bodies of non-preserved Algae

a. Calcispheres and algal-like spheres are problematic in origin. Calcispheres, spherical bodies, approximately 100 to 400 microns in diameter, with inner chamber, wall and radial spines, will probably include some of the parathurammined and other Forams resembling Calcispheres in shape and size as it often is difficult to distinguish between them in normal binocular examination of not to well preserved limestones.
Calcispheres are more commonly found in shoals, lagoons and back reef facies.

b. Charophytes

Ordinarily the only calcified Charophytes are the spore cases (ooginia) or portions of them. The oogonia are subspherical up to 1½ mm in diameter with an outer wall composed of five or more spiralling cells.

Charophytes are found more abundant in near shore environments and are indicative of brackish to fresh water environments, although it should be kept in mind that they can be transported and found in smaller amounts away from their natural habitat. This is also true of the sporadic occurances of Calcispheres.

Renalcis is a blue-green algae with a calcareous skeleton consisting of irregular grape-like to fan or cone-shaped colonies, up to 3mm in size, consisting of several irregular chambers ranging from 40 to about 350 microns. They became common in some organic reef facies in the Middle Devonian of Canada and Australia and synonymous with Elvan's Chabakovia described from Kedwater.

Chain-like

Crustose or nodular masses of tubular chain-like filaments as in Sphaerocodium, vary in form from a thin crust to a nodular or columnar mass. Inside width of the filaments ranges from about 50 microns to 120 microns.

Their environment ranges from quiet water, lagoon and shoal, to semi-turbulent, in the organic reef. From an encrusting or nodular form to a frame building Algae in the organic reef, where they appear to have played a more important role than Girvanella and Codiaceae in contributing to the reef facies.

Internal Tubular Structure

a. Crustose or nodular masses of tubular minute filaments, usually twisted together, as in Girvanella. They do not often become abundant, are sometimes poorly preserved, appearing as indistinct patches. The diameter of the tubes varies from 7 to 30 microns.

These forms probably occured in a quiet to semi-agitaged marine environment.

b. Crustose or nodular masses of tubular minute filaments, branching as in many Codiaceae (green Algae). As with Girvanella they are often poorly preserved and appear as indistinct patches usually different in colour than the surrounding matrix. The diameter of the tubes varies from 7 to 70 microns.

Leaf-like and stem-like

This will include many of the leaf and stem-like shapes of Dasycladaceae, Ivanovia, Anchicodium, Codiaceae, etc. Predominently shapes of green Algae. Whenever possible, a more detailed description of the particular form will be shown in the written description.

The environment of these Algae will probably range considerably as it includes many forms of green Algae.

Internal Cellular Structure

a. Nodular forms with internal grid-like cellular structure will take in mainly growth forms of Solenoporaceae, (red Algae), occuring as minor reef builders in the Paleozic. The internal cell width varies from 12 to 90 microns.

Although they have been reported from various facies, their growth position appears to be more common in the organic reef facies.

b. Crustose forms of red Algae with internal grid-like cellular structure will include those encrusting red Algae recently described from the Devonian in Australia and Canada by Wray and Jamieson. They appear to be more similar to some Corallinaceae in growth form and structure than the Solenoporaceae.

Up to 12mm thick crusts, with poorly preserved internal cellular structure, in organic to forereef facies have been reported, but much work will have to be done on these Algae to establish their range of environment.

The order in which these Algae have been classified generally follows their order of development, from the lowest to the highest form. Many more Algae could be classified and symbolized, however this classification has to be limited for practical purposes. The most predominant Algae in the United States and Canada have been listed above. J.H. Johnson's classification of Algae has been followed by the Phylum, Family and Genus names.

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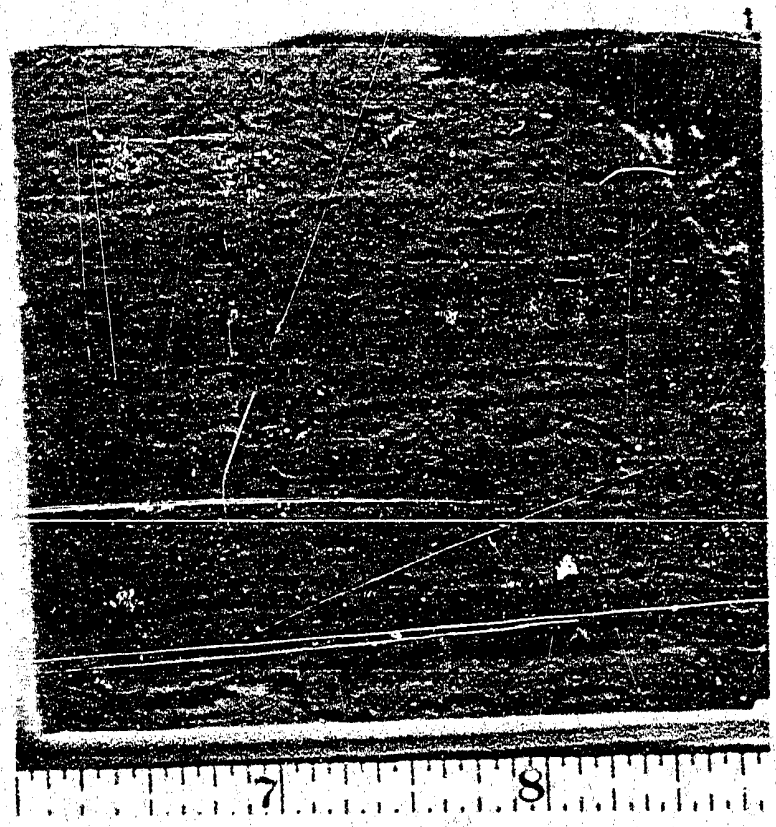
CANADIAN STRATIGRAPHIC SERVICE

CALGARY 1967

S. MACHIELSE



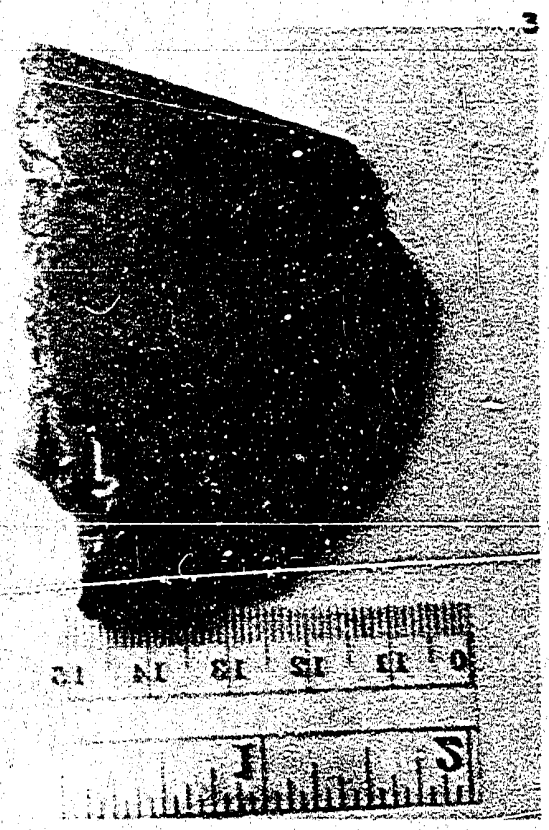


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PLATE I

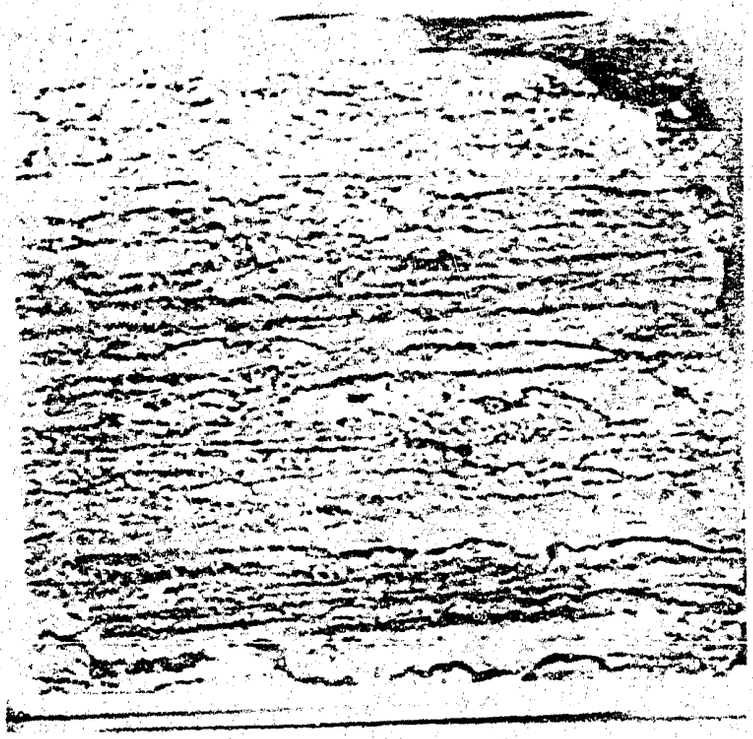


PLATE I

PLATE I

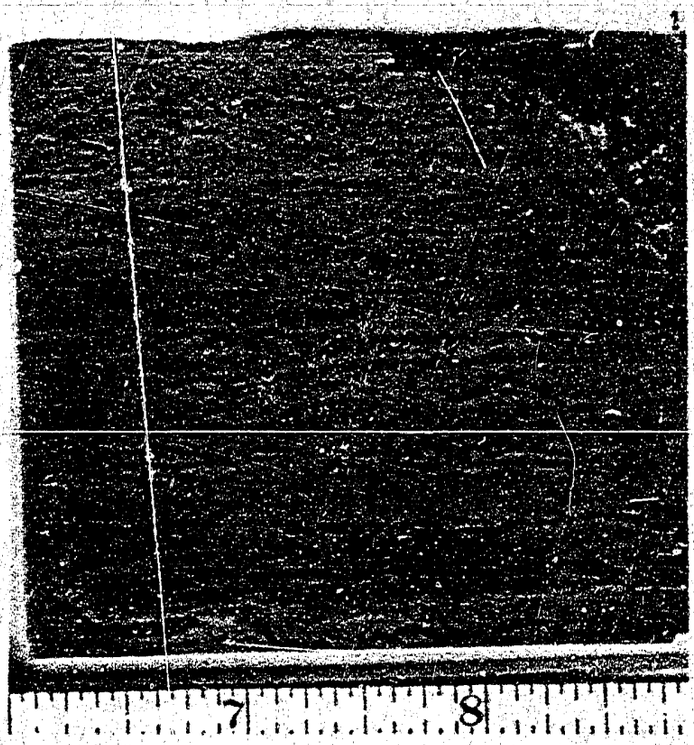
Birdseye Textures

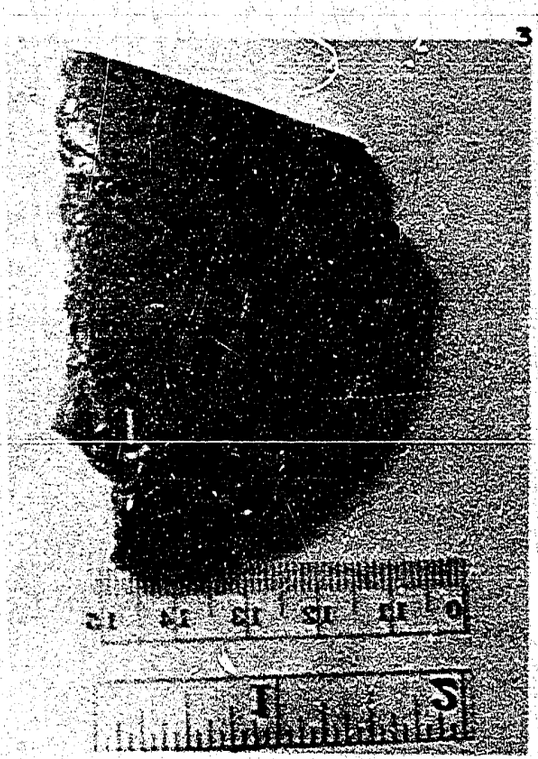
Fig. 1 Laminae and irregular blebs of clear sparry calcite (shown as dark areas in picture) of possible algal origin in pelletoidal mud with trace of Calcispheres and Amphipora. Imp. Judy S.W., 2-4-63-12 W 5, 9046' 6" Devonian, Swan Hills Member, Alberta. Scale in inches.

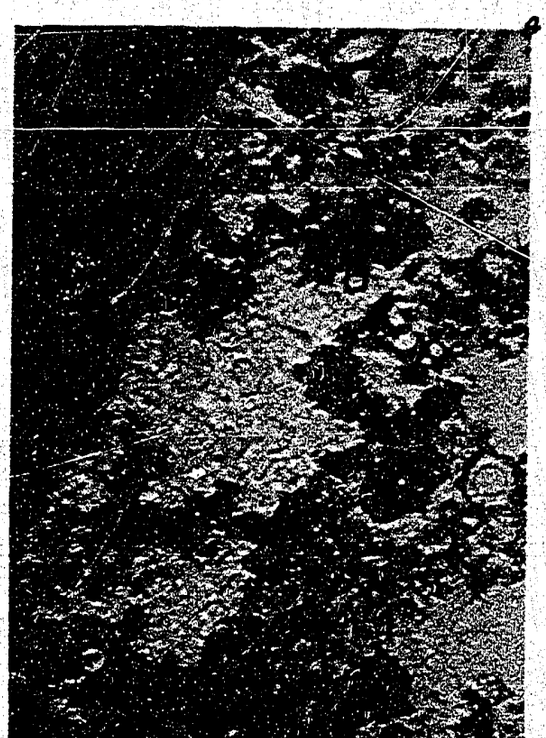
Fig. 2 Simular to Fig 1, with less laminae. IOE Wallace, 10-13-68-16 W 5, 9124' Devonian, Swan Hills Member, Alberta. Approx. x 1.

Fig. 3 Irregular patches of calcite (clear, sparry, sharply defined) in lime mud with trace of Calcispheres, thin Ostracode valves, Amphipora and pellets. These irregular patches are probably due to calcite filled borings by unknown organisms and are not decayed algal remnants. Devonian, Swan Hills Member, Alberta. Well location unknown. Scale in inches and m.m.

Fig. 4 Thin section of laminae and irregular blebs of sparry calcite with lime mud. Calcisphere, (right side of picture). Imp Redwater 1-20-57-21 W 4, 3188' Devonian, Leduc formation, Alberta. Scale in m.m. in upper left corner.







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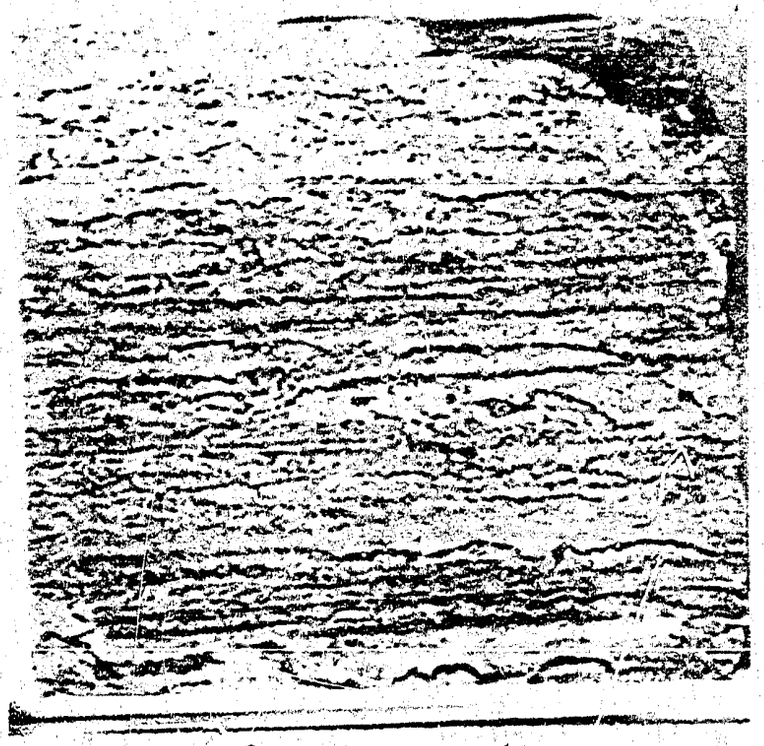


PLATE I

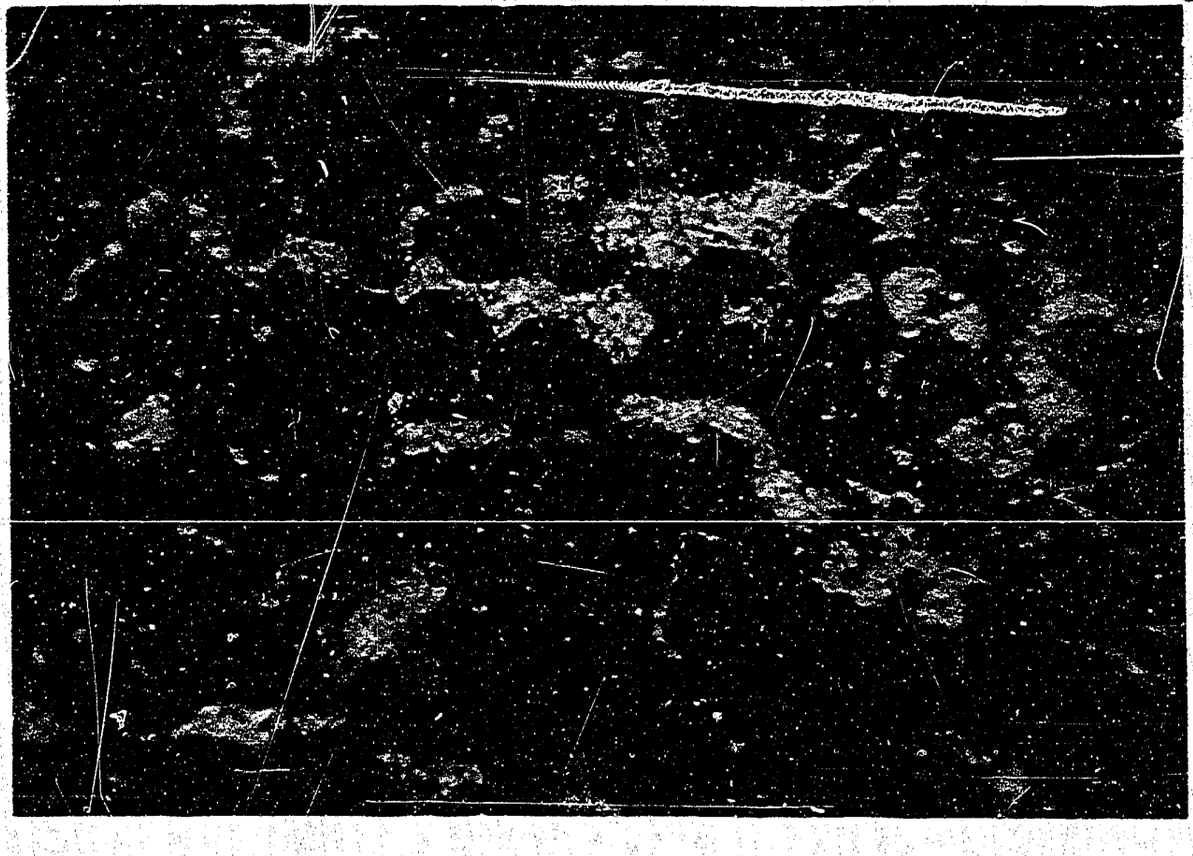
PLATE II

Non-descript algal ooze, lumps and patches.

Fig. 5 Irregular patches of non-descript algal texture. Probably could be included with birdseye. Location, age and magnification unknown.

Fig. 6 Algal lumps and ooze as irregular brown patches, with a brown-gray matrix filling in between the patches. Lighter areas in picture are algal ooze and lumps darker slightly granular areas are micrites. Calcipheres, partly parathurammined forams, Gastropods and tubular forams are present in minor amounts. Some scouring, leaching and infill (voids shown in black) probably penecontemporaneous, has taken place. These algal lumps and patches are very likely non-preserved blue-green and green algal remnants. Regent Birch Hills, 12-30-96-14 W 4, 1615' 6", Devonian Slave Point formation, Alberta.

Fig. 7 Simular to Fig 6. This is a close up of algal ooze, with parathurammined forams and some questionable Calcispheres. Probably non-preserved, blue-green algal filaments. Pan Am Caribou Lake 11-10-117-12 W 5, 3823', Devonian Slave Point formation, Alberta. Scale in m.m.



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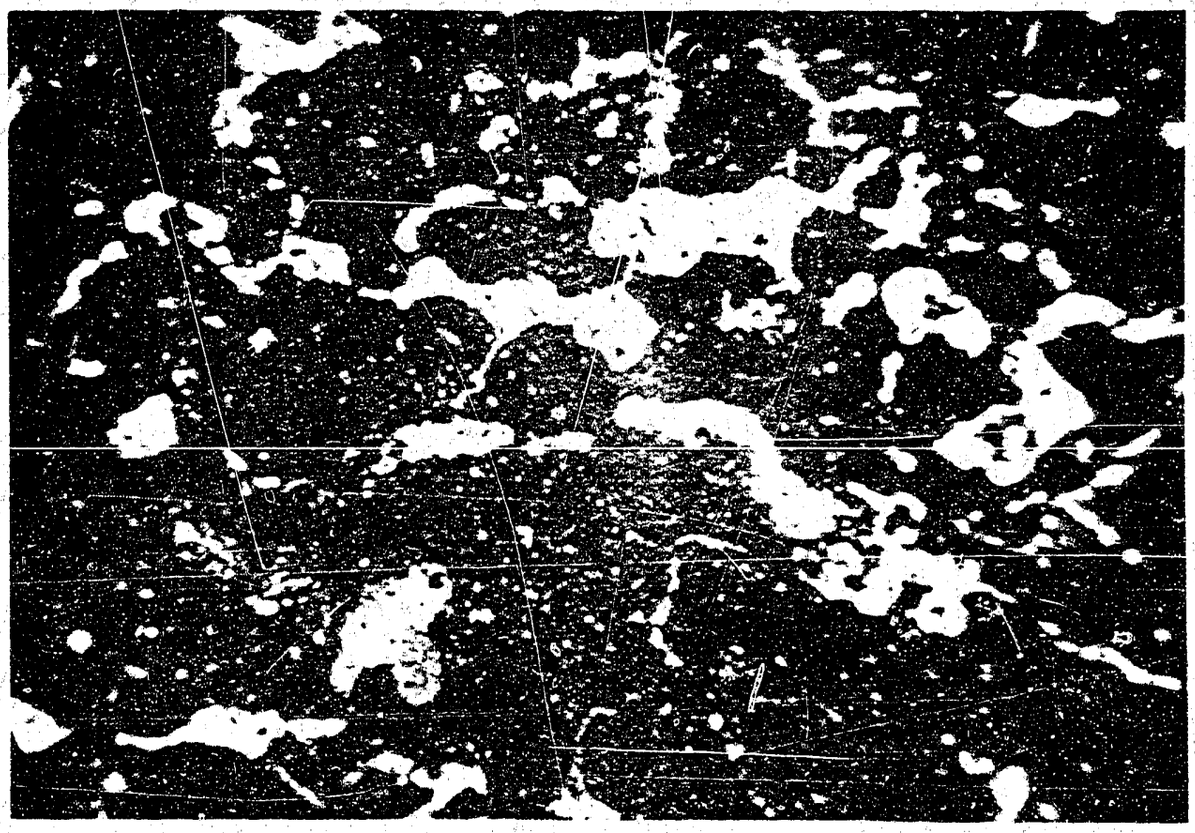


PLATE III

Laminated

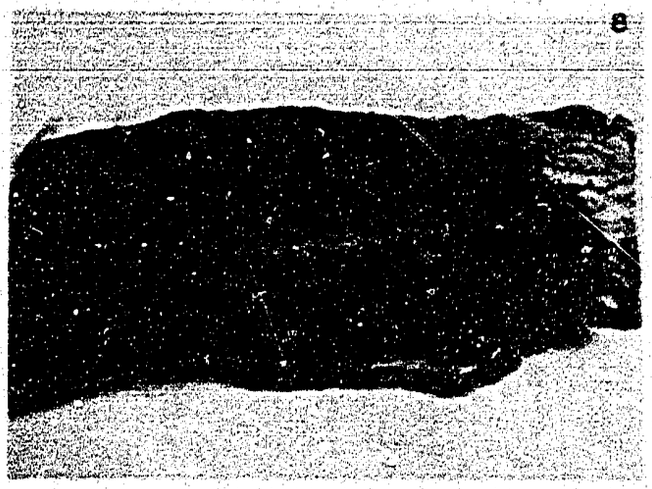
Stromatolites

Fig. 8 Micritic, laminated, slightly undulating, continuous layers of relict blue-green algal filaments interbedded with lime mud. Banff Saka 2-4-109- 7 W 6, 6153', Devonian, Keg River formation, Alberta. Approx. x 1.

Fig. 9 The lower half of the picture shows finger or club shaped forms of slightly domed, stacked algal bound layers, with lime mud (light in picture) filling in between the club shaped forms. Scouring or desiccation may have caused the finger or club shaped morphology. Bistcho Member, Devonian, Muskeg formation, Northern Alberta. Scale in m.m. and one inch.

Fig. 10 Laminated, semi continuous, slightly undulating layers of relict blue-green algal filaments (dark layers in picture) interbedded with layers of pelleted lime mud (light layers in picture.) Placid Bistcho, 12-25-122- 3 W 6, Devonian, Muskeg formation, 4729', Alberta

Fig. 11 Thin section of laminated relict algal (blue-green?) filaments, (dark in picture) interbedded with lime mud (light in picture). Calcite filled spheres are possibly forams. Regent Birch Hills, 12-30- 96-14 W 4, 1616', Devonian, Slave Point formation, Alberta. Approx. x 50.



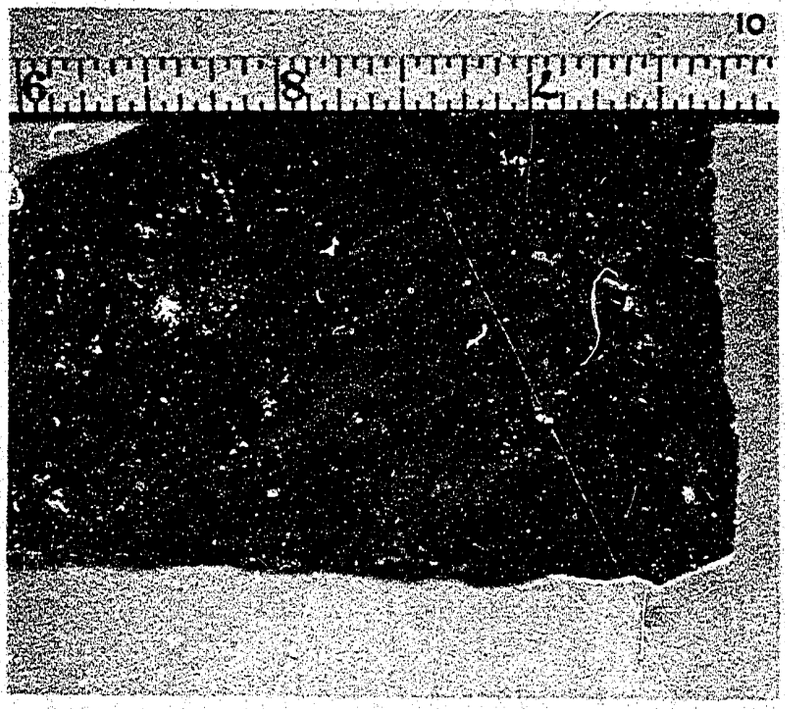


PLATE III

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PIATE III

PLATE IV

Fig. 12 Ootoid, (small algal ball), concentric to semispheroid relict blue-green algal filaments with layers of micritic lime mud forming pellet shaped bodies. McAlester # 1 Nelson, Sec. 22, Twp. 163 N, Rge. 90 W., North Dakota, 5634' - 35', Mississippian. Thin section, magnification unknown.

Fig. 13 Nodular, oncolite, algal ball concentric to hemispheroid layers of relict blue-green algal filaments and micrite around a nucleus of Gastropods in a cryptocrystalline to fine matrix, slightly bituminous. Devonian, Slave Point formation, Alberta. Approx. x 1.

Fig. 14 Encrusting blue-green algal coating around Amphipora. (Thin light rim around the Amphipora in picture). Bulbous stromatoporoid in upper left corner. Devonian, Swan Hills formation, Alberta.

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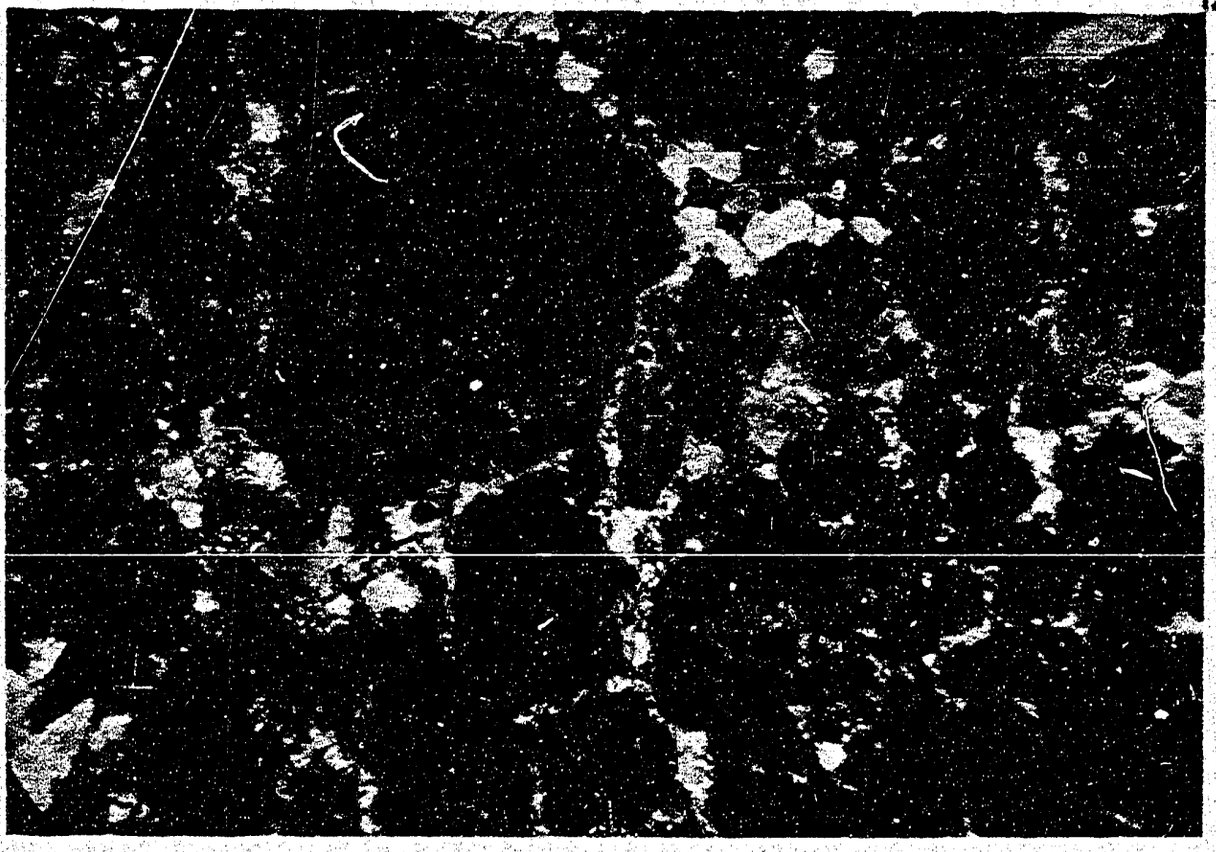

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PLATE IV

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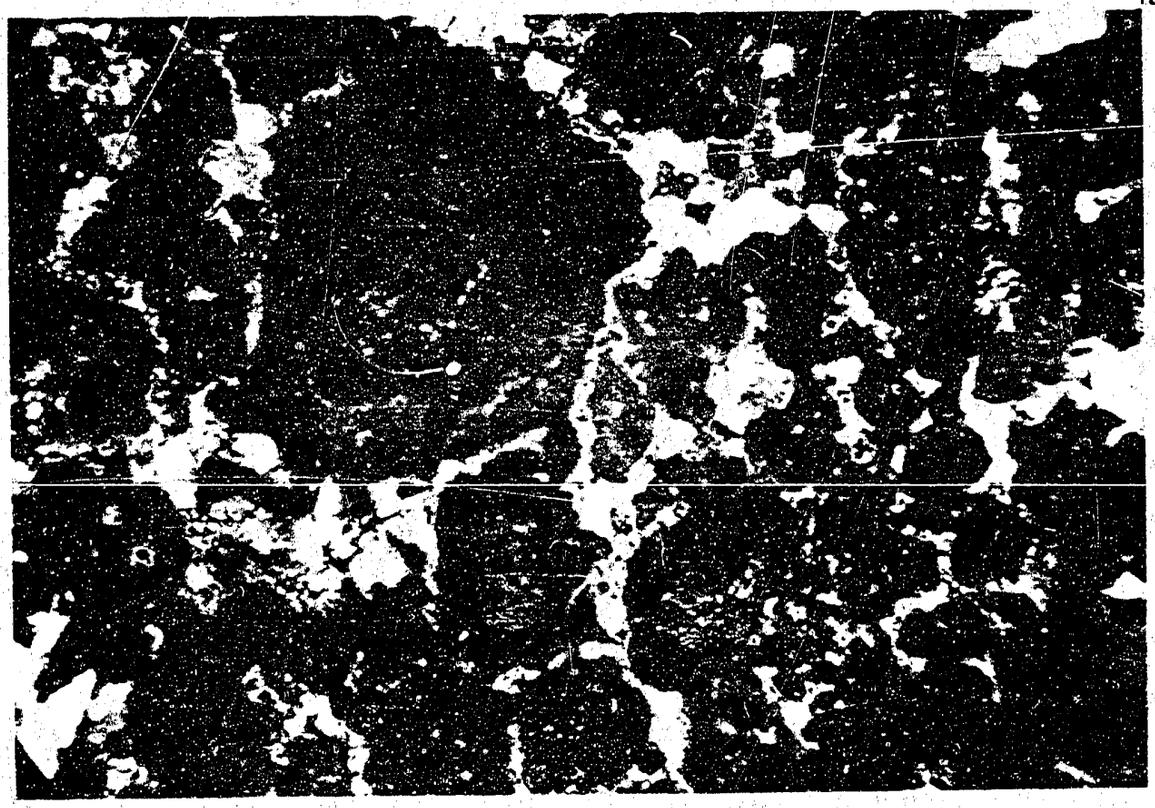

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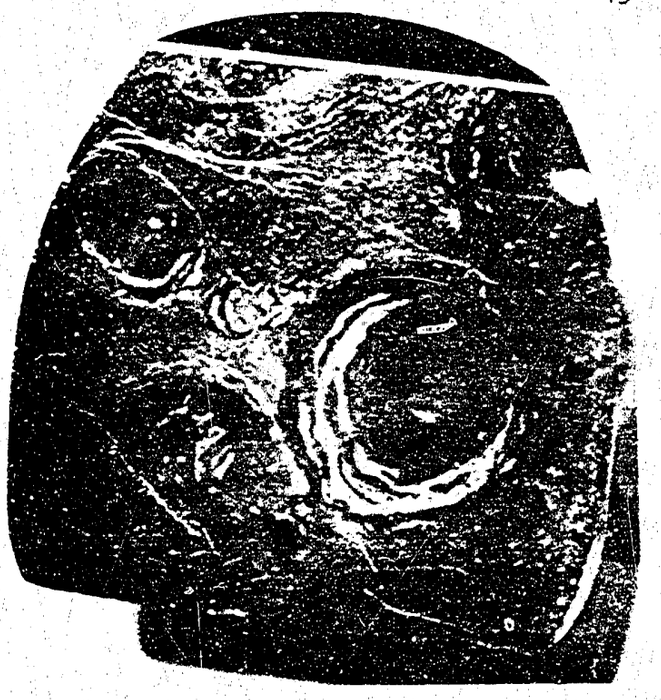

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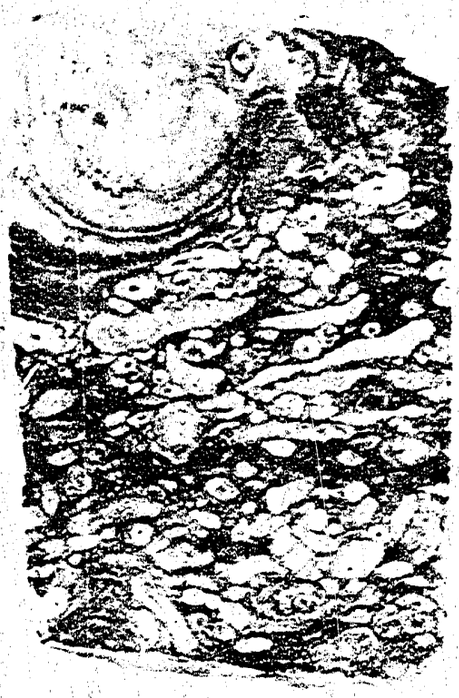

PLATE IV

PLATE V

Internal tubular structure

Fig. 15 & 16

Crustose mass of tubular, twisted filaments. Girvanella, encrusting, non-preserved fossil fragments (non-calcified Charophyte plant fragments?) in a crypto to microcrystalline bioclastic limestone with, Gastropods, Ostracodes, Charophytes and debris in-distinct. Shell Botha River, 10-19-96- 1 W 6, 6579', Alberta, Devonian, Slave Point formation.
Fig. 15. Thin section. Girvanella in centre. Scale in m.m. in left corner. Approx. x 50.
Fig. 16. Girvanella from Fig. 15, Approx. x 200.

Fig. 17 & 18

Mass of tubular <u>branching</u> filaments, Codiaceae, Ortonella.
Fig. 17 - close up of a mass of branching tubular filaments, barely visible as minute light lines in picture (white is calcite), rock specimen, m.m. scale at bottom of picture.
Fig. 18 - Thin section of branching tubular filaments in Fig. 17. Approx. x 100. Imp. Judy Creek, 6-7-63-10 W 5, 8793', Alberta, Devonian, Swan Hills Member.

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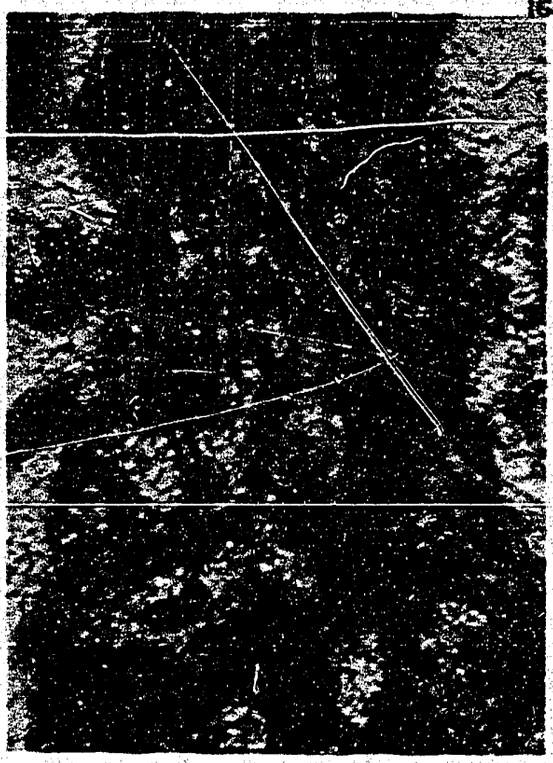

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PLATE V

PIATE V

PLATE VI

Leaf-like, stem-like

Fig. 19 Elongate stem, leaf-like algal fragments (green Algae). DeKalb # 1 Borlag, Sec. 17, T 31N, R 11E, Hill County Montana, 3572' - 73'. Jurassic. Magnification unknown.

Fig. 20 Elongate stem-like algal fragments (given Algae) Sohio # 1-A Flynn, Sec. 22, T 34N, R 20E, Blaine County, Montana. Magnification unknown.

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PLATE VI

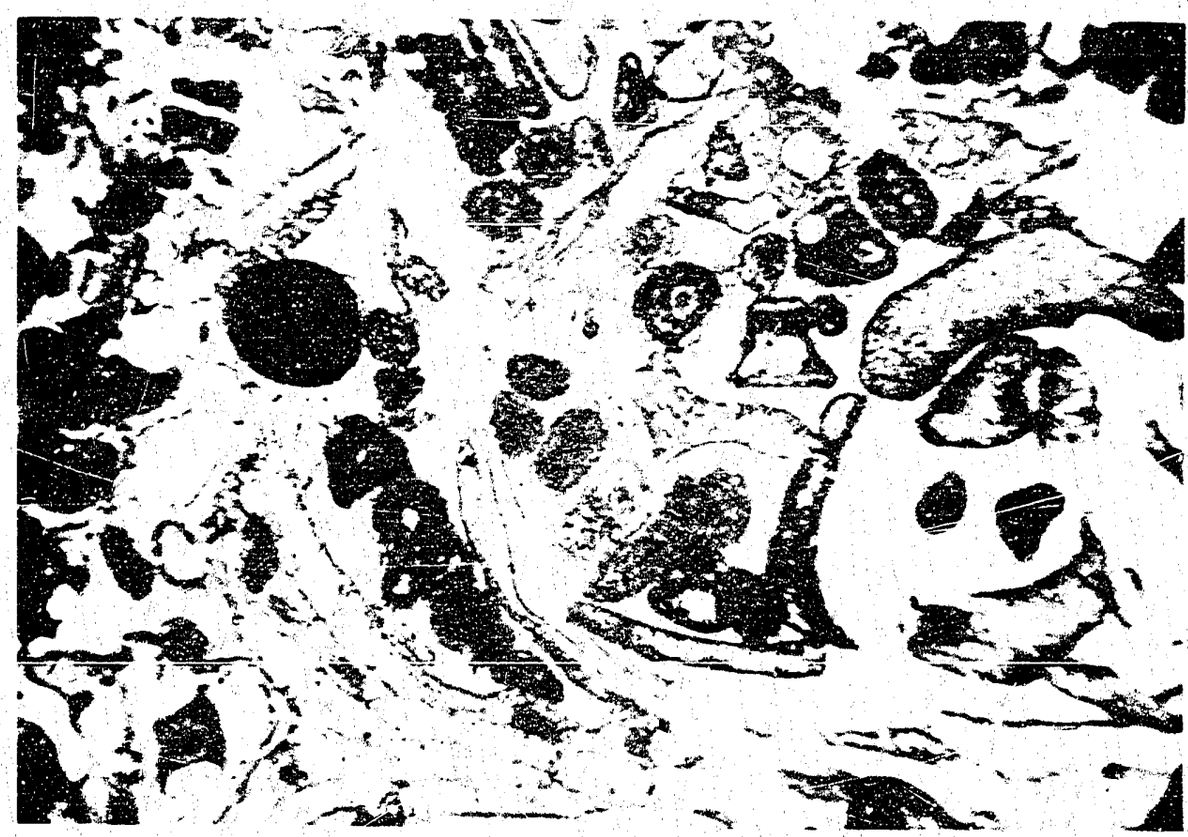

PLATE VI

PLATE VII

Internal cellular structure

Fig. 21 Nodular to massive form of Solenoporaceae (Red Algae) in cryptocrystalline to microcrystalline lime mud. Faint lamination of the internal cellular structure visible in picture (Algae are on the left side of picture). Triad Ante Creek, 11-2-66-25 W 5, 11277', Alberta, Devonian, Swan Hills Member.

Fig. 22 Nodular form of Red Algae (Solenoporaceae, Parachaetetes) showing internal grid-like cellular structure. Dome Consort, 13-9-37- 6 W 4, 4248', Devonian, Cooking Lake formation, Alberta. Scale in m.m.

Fig. 23 Crustose form of red algae, ½" thick, saucer shaped. This form of Algae has been described by Jamieson E.R., from Devonian Alexander Member in the N.W.T. Outcrop sample from Ranger Tower north of Mile 290, Yellowknife Highway, N.W.T. Scale in m.m. and 1 inch.

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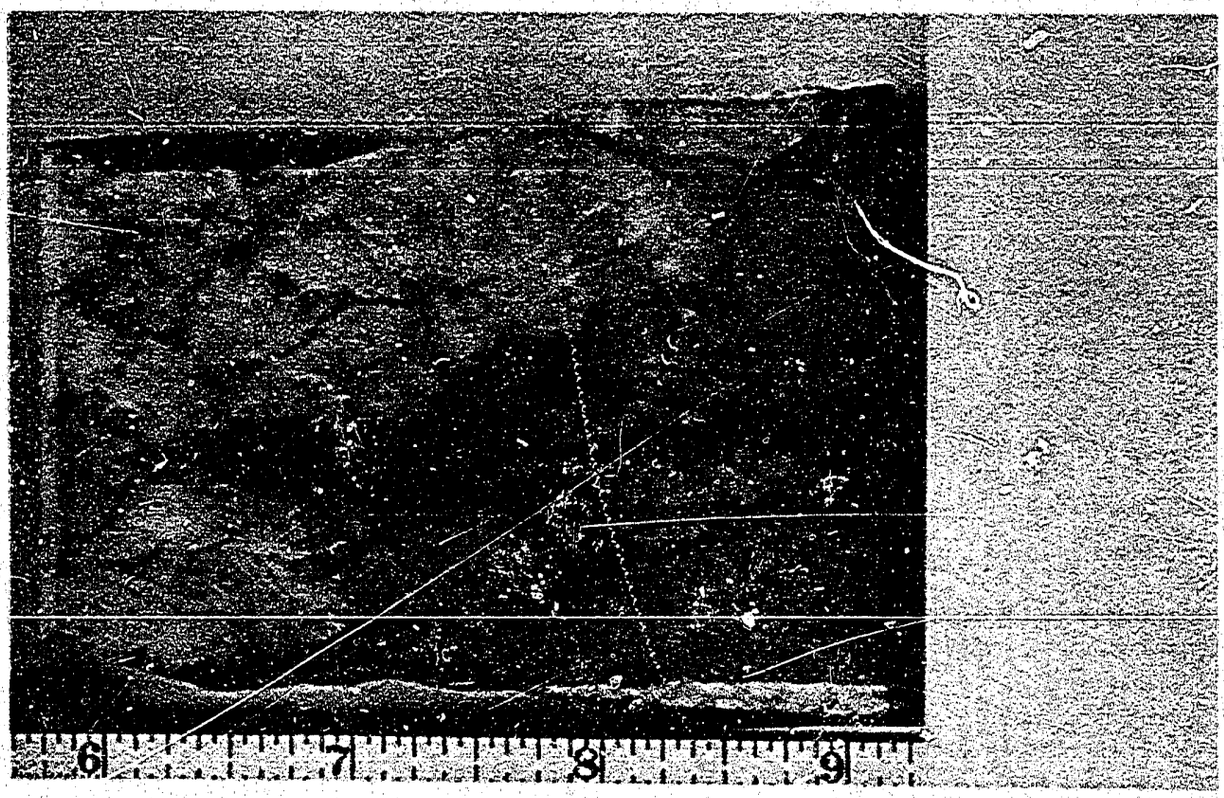

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PLATE VII

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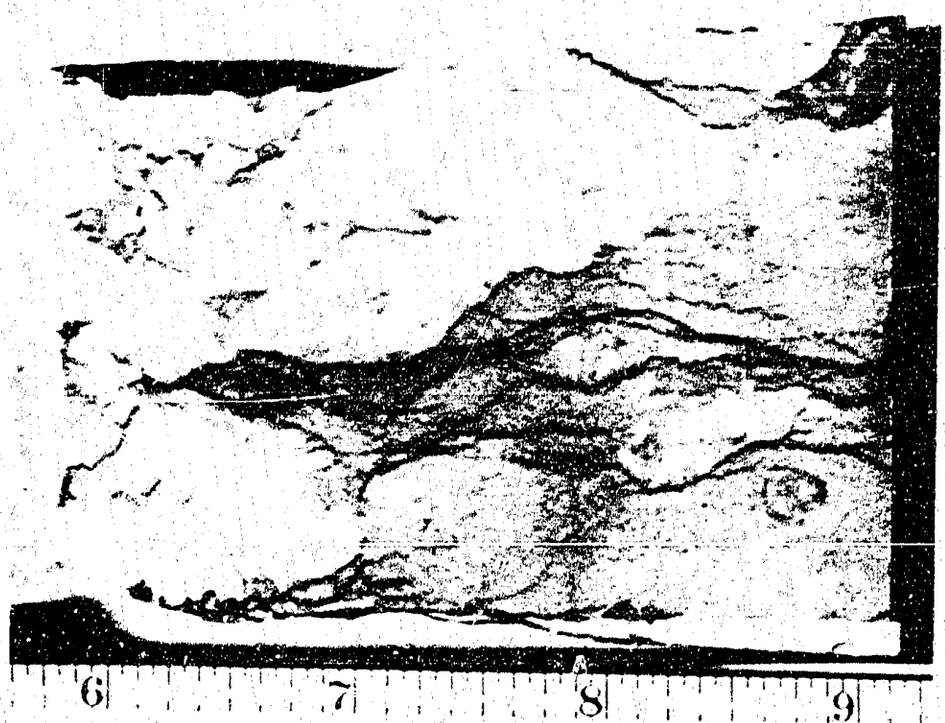

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PLATE VII

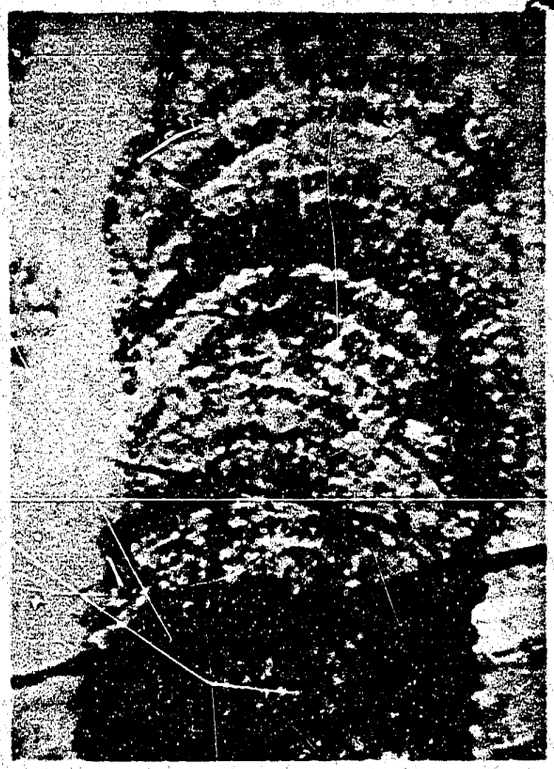
PLATE VIII

Fig. 24 Thin section of an encrusting Coralline-like red Algae consisting of a crust approximately 3mm thick with a fairly well preserved hypothallus (arched, radiating, grid-like structure) and a thin non-preserved perithallus (sparry white calcite at right and left in picture.) These Algae occur in the organic reef, encrusting and bonding the facies in a similar manner as Lithothamnia does in modern reefs. Salt disposal Well # 5-5-36-56-21 W 4, Leduc formation, Devonian, Alberta. Scale in m.m. All pictures are approximately 50 times.

Fig. 25 Thin section of the same Coralline-like red Algae as above. Sparry white calcite band in centre probably represents the non-preserved perithallus. Chain-like filaments at right, represent encrusting blue-green Algae, Sphaerocodium. It consists of a 1mm thick crust. Location as above.

Fig. 26 Thin section of an encrusting mass of tubular chain-like filaments of blue-green Algae, Sphaerocodium.
Cal. Stan. Waskahigan, 10-33-63-23 W 5, Slave Point formation, Devonain, Alberta.

Fig. 27 Thin section of the blue-green Algae Renalcis, (dark in picture), grape-like to fan-like in shape, floating in possibly recrystallized, non-preserved, soft algal parts, which may have been part of the Algal mass. It sometimes makes up the entire rock, up to two feet. Salt disposal Well # 5-5-36-56-21 W 4, Leduc formation, Devonian, Alberta.



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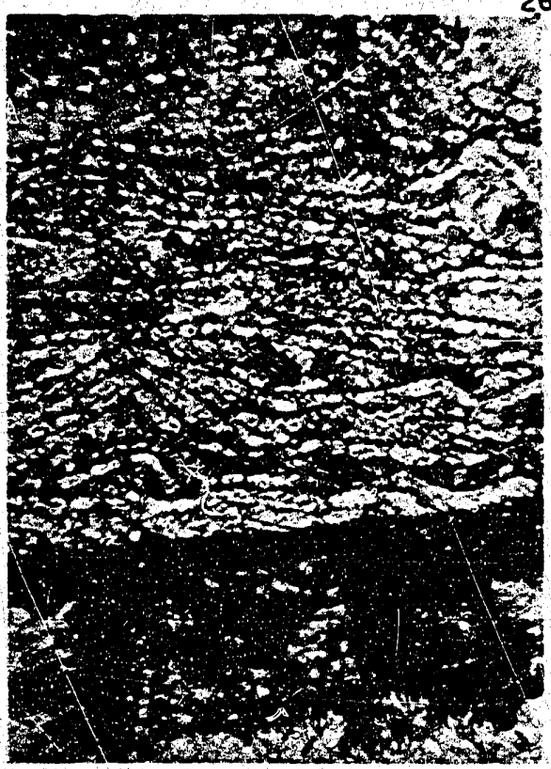

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PLATE VIII

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PLATE VIII

MISCELLANEOUS TERMS AND DEFINITIONS

Pellets: Pelletoidal mud, faecal pellets, pellet shaped objects that cannot be distinguished from sub-round abraded fossil fragments or intraclasts, are all indicated by the pellet symbol.

Stromatoporoid: growth forms can be divided into:

a. Branching or dendroid: this applies mainly to the family Idiostromatidae. Amphipora are not included in branching Stromatoporoids as they are indicated by the abbreviation Amph.

b. Tabular: 2 m.m. to 2 inches, often tapering, thick layers of Stromatoporoids.

c. Lamellar: 1 m.m. to 2 inches thick layers of Stromatoporoids often wavy, undulating, spaghetti-like.

d. Massive: Layered to domed forms more than 2 inches thick.

e. Bulbous: Spherical growth form.

f. Irregular: This form will apply to the irregular, in between the above mentioned shapes, growth forms that Stromatoporoids assume when allowed to grow in quiet water, slightly deeper than their normal habitat.

Corals can be divided into:

I. Tabulate
1. Fasciculate (organ pipe)
2. Halysitoid (chain-like)
3. Ceroid (honeycomb) — a. platy to massive; b. branching
4. Heliolitids

II. Septate
a. Solitary (Horn Coral)
b. Colonial — Fasciculate; Massive

PLATE I

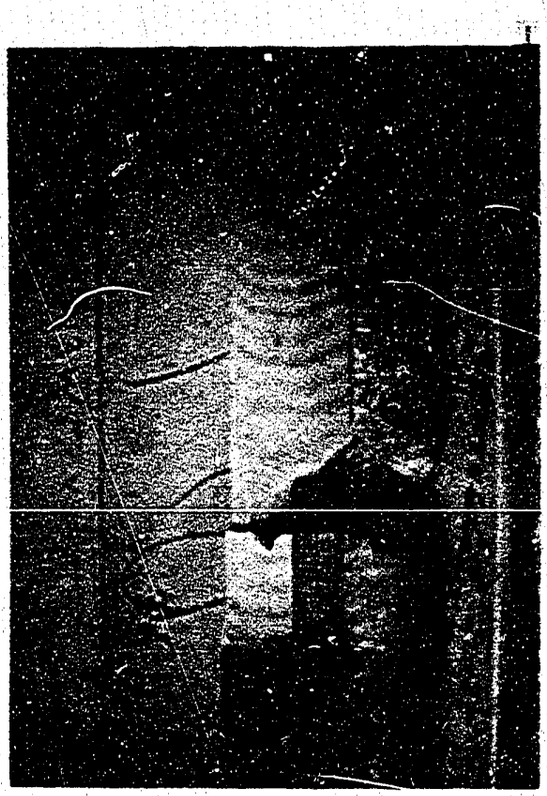
Stromatoporoid growth forms

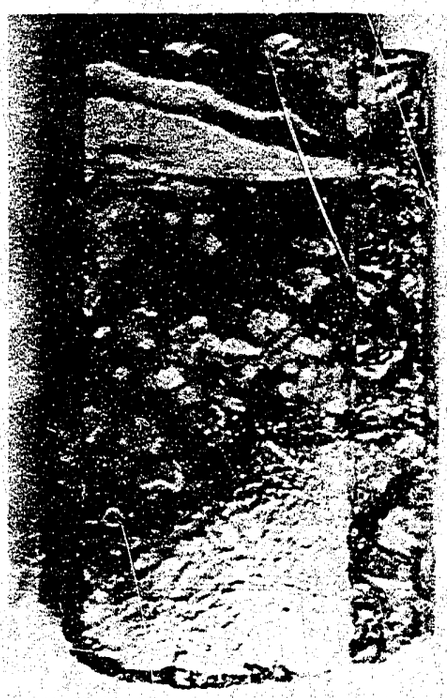
Fig. 1 Massive stromatoporoid from Swan Hills Member
Scale in inches.

Fig. 2 Bulbous stromatoporoid in centre with a tabular stromatoporoid at the right. The thin spaghetti like forms at upper left and bottom are lamellar forms. Swan Hills Member, 13-16-68-11 W 5, Alberta. Scale in m.m. and one inch.

Fig. 3 Irregular stromatoporoid in centre (lighter coloured area).
Slave Point formation, Northern Alberta.
Approx. x ½.

Fig. 4 Tabular stromatoporoids (top of picture), branching stromatoporoids (centre of picture). Approx. x 3/4.





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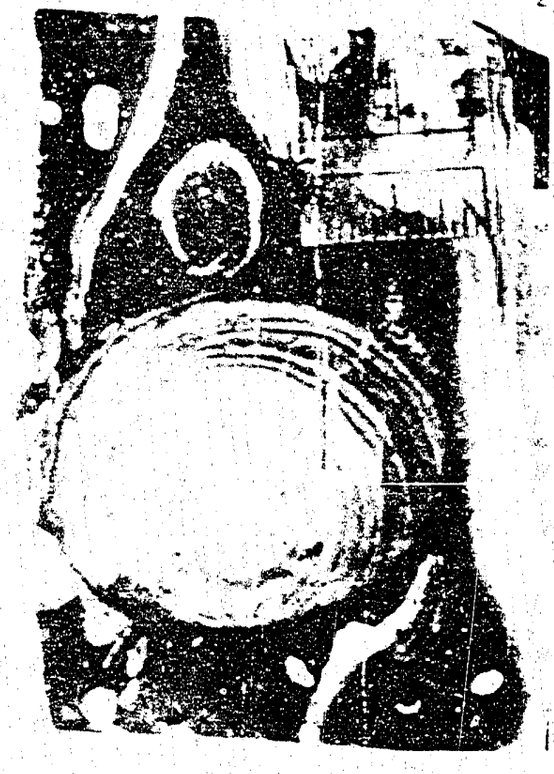


PLATE I

JOHNSTON TESTERS

Multi-Flow Evaluator (MFE)

TECHNICAL REPORT

TEXACO EXPLORATION COMPANY
TEXACO [redacted]. BOVIE LAKE J-7
#60°-11'-39"N-122°-58'-44"W
MISSISSIPPIAN DST# 1

JOHNSTON TESTERS

Multi-Flow Evaluator (MFE)

TECHNICAL REPORT

The **Multi-Flow Evaluator (MFE)** is a wholly new formation evaluation tool that provides test data on an unlimited number of flow and shut-in pressure tests, plus a pressurized formation fluid sample under final flowing pressure. This sample may be drained at the well site, at our field location, or in your laboratory.

Johnston's **Special Data Analysis** provides valuable calculated data on reservoir pressure, flow capacity, effective permeability, well bore damage, radius of investigation, and potentiometric surface. Included also is a valuable written analysis of these data that can provide important help in planning your completion.

JOHNSTON TESTERS

Pressure Log*

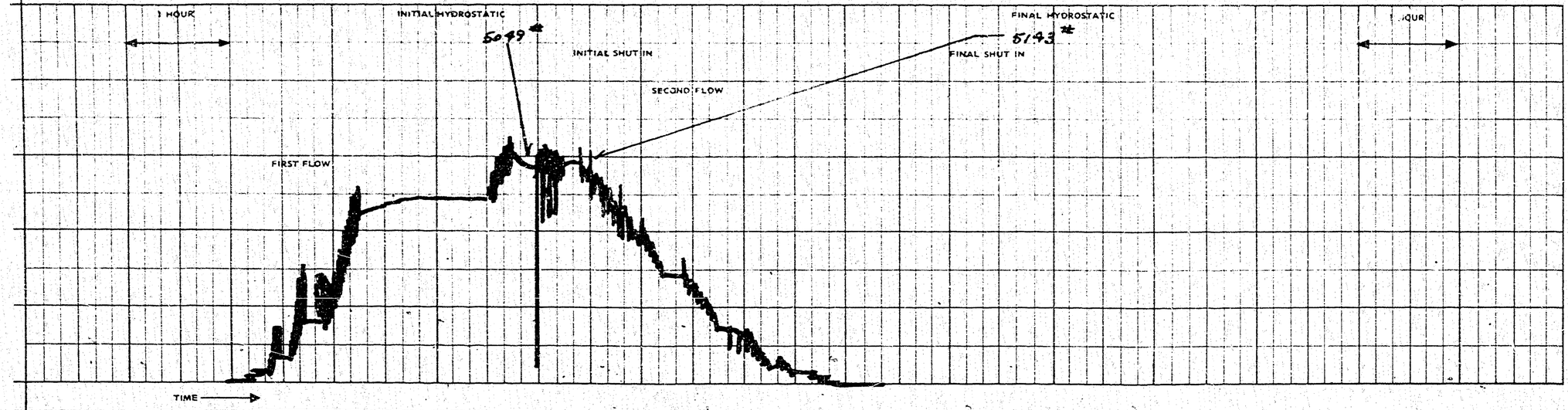
Field Report No. C-9271

Instrument: Number AK-2035

Capacity 5200 p.s.i.

Depth 10047 ft.

* a continuous tracing of the original chart



Form J-228a

JOHNSTON TESTERS

TEST DATA

Formation	MISSISSIPPIAN	Zone Thickness			Ft
Interval	9940	To 10093	T.D.	10093	
Type of Test	OPEN HOLE, CASING, BOTTOM HOLE				
Time Started in Hole	2445	Hrs	Tool Opened		Hrs
First Flow	0	Min.	Shut In	0	Min
Second Flow	0	Min.	Second Shut In		Min
Third Flow		Min.	Final Shut In	0	Min
Pulled Loose @	1015	Hrs	Out of Hole	2000	Hrs
Wt. Set on Packers	45,000	#	Pulled Loose Wt.		#

Description of Blow During Test: MIS-RUN, SEAT FAILURE.

FLUID RECOVERY — Was Test Reverse Circulated Yes ☐ No ☒

Total Fluid Recovered: NOT REPORTED Ft

Description of Fluid Recovered

1 STAND SLIMED

GAS BLOW MEASUREMENT

Measured With: I.D. Riser

Type of Instrument

Time	Size Choke	Reading Inches	Cubic Feet/Day

REMARKS: MIS-RUN, SEAT FAILURE.

TOOL SEQUENCE

Tool	Length	O.D.
SUB.	.80	
P.O. SUB.	.85	
SUB.	.70	
SUB.	.70	
M.F.E. TOOL	9.10	
BYPASS TOOL	3.00	
JARS	6.75	
SAFETY JT.	1.70	
SAFETY SEAL	4.40	
PKR.	4.60	
T.C. & PKR.	5.20	
TOTAL	37.80	
STUB	1.00	
PERF.	5.00	
RECORDER	4.40	
PERF.	15.50	
D.C. & SUB.	91.17	
RECORDER	4.40	
PERF.	30.00	
PERF. & B.N.	1.63	
TOTAL INTERVAL	153.10	

TOTAL LENGTH	190.90
Elevation	NOT REPORTED
Bottom Hole Choke Size	1/2"
Fluid Cushion Type	DIESEL Amt. 3500'

MUD AND HOLE DATA

Mud Type	INTERMUL W.L.
Filter Cake	2/32 Visc. 50 Wt. 10.0
Time Taken	JANUARY 16/67 @ 1800 HRS.
Contractor	CASCADE DRLG. Rig No. 19
Drill Pipe Size	3 1/2 IF
Drill Collar Size	2 1/4 ID Length 508'
Main Hole Size	6 1/8"
Rat Hole Size	

District	FORT ST. JOHN	Ticket No.	9-9271
Company	TEXACO EXPLORATION COMPANY		
Well Name	TEXACO [redacted]. BOVIE LAKE J-72		
Number	#60°-11'-39"N-122°-58'-44"W		
Formation and Interval	MISSISSIPPIAN DST# 1 9940-- 10093		
Distribution of Reports			

Date: JANUARY 17/67 Test No. 1 J.T.L. No. 1

Address: 600 - 6TH AVENUE S.W., CALGARY, ALBERTA

Field: BOVIE LAKE Province: N.W.T.

Co. Rep.: D. BARTH

Technician: N. ANDERSON

17 & CHARTS - CALGARY

1 - FORT ST. JOHN (ENCLOSED)

JOHNSTON TESTERS

PRESSURE DATA

INSTRUMENT No.		AK1-1936	AK1-2095		
CAPACITY (psig)		7450	3300		
INSTRUMENT DEPTH		9946	10047		
INSTRUMENT OPENING		OUTSIDE	OUTSIDE		
PRESSURE GRADIENT psi/FT.					
WELL TEMP °F		286°	286°		
INITIAL HYDROSTATIC	A	4990#	5049#		
FIRST FLOW	B				
		MIS-RUN, SEAT FAILURE.			
INITIAL SHUT-IN	C				
SECOND FLOW	D				
SECOND SHUT IN	E				
THIRD FLOW	F				
FINAL SHUT-IN	G				
FINAL HYDROSTATIC	H	5087#	5143#		

FIELD REPORT No. C-9271

TIME DATA

	TIME GIVEN	TIME COMPUTED
	MINS	MINS
	MINS	MINS
	MINS	MINS
	MINS	MINS
	MINS	MINS
	MINS	MINS
CLOCK TRAVEL		IN/MIN.

REMARKS:

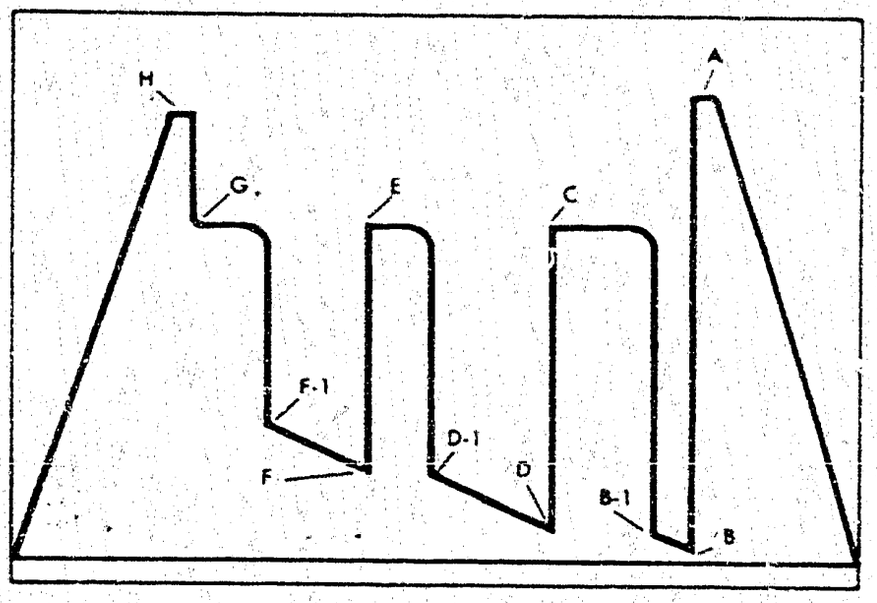
PRESSURE INCREMENTS

POINT MINUTES	PRESSURE	$\frac{T + \Delta t}{\Delta t}$	POINT MINUTES	PRESSURE	$\frac{T + \Delta t}{\Delta t}$	POINT MINUTES	PRESSURE	$\frac{T + \Delta t}{\Delta t}$

JTL-1 & E-13A

JOHNSTON TESTERS

GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS



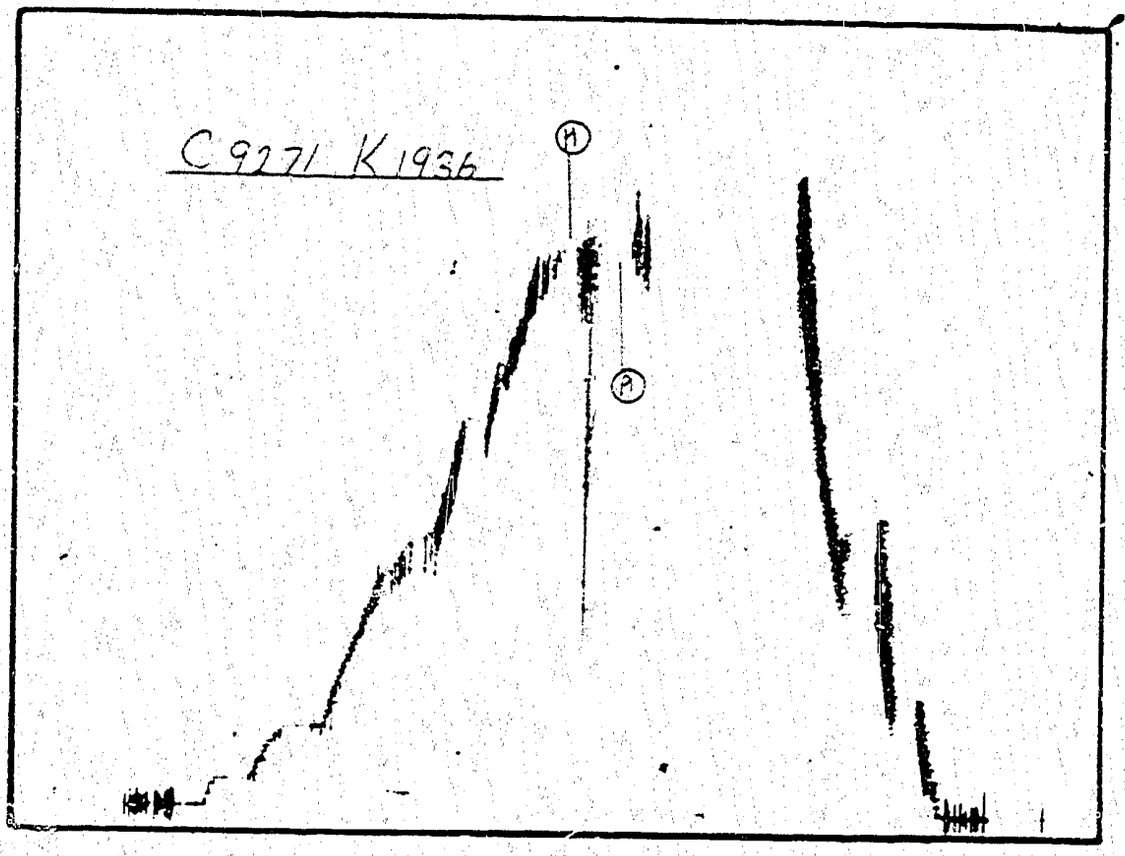
A. Initial Hyd. Mud
B. First Flow
C. Initial Shut-In
D. Second Flow
E. Second Shut-In
F. Third Flow
G. Final Shut-In
H. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings (testing different zones).

A-1, A-2, A-3, etc. Initial Hyd. Pressures
B, B-1, Initial Flow Pressures
C, Initial Shut-In
D-1, D-2, D-3, etc. Second Flow Pressures
E, Second Shut-In
F, F-1, F-2, Third Flow Pressures
G, Final Shut-In
H, Final Hyd. Pressures
Z — Special pressure points such as pumping pressures recorded for formation breakdown.

JOHNSTON TESTERS LTD.

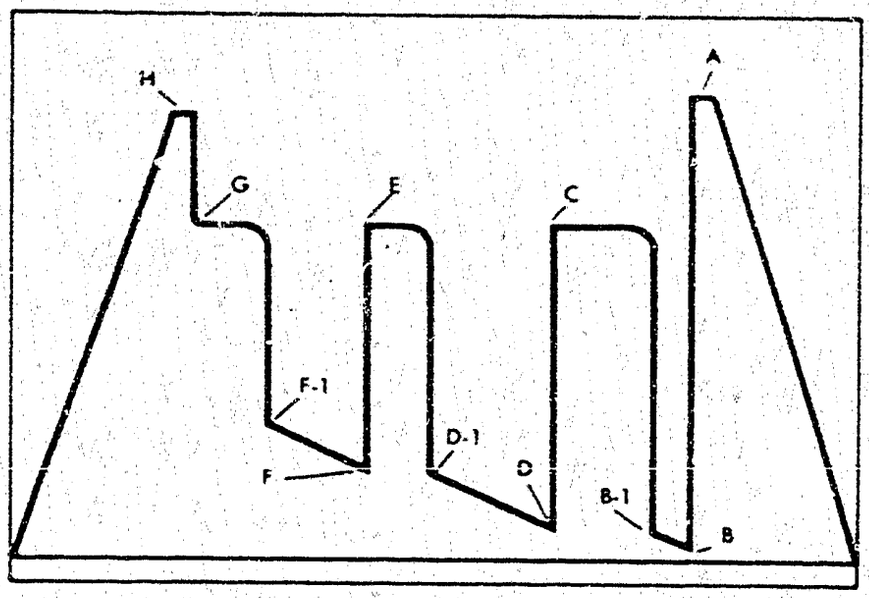
FIELD REPORT NO.	RECORDER NO	CAPACITY	REPORT REQUESTED
C-9271	AK1-1936	7450	18



JTL-1 S-13A

JOHNSTON TESTERS

GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS



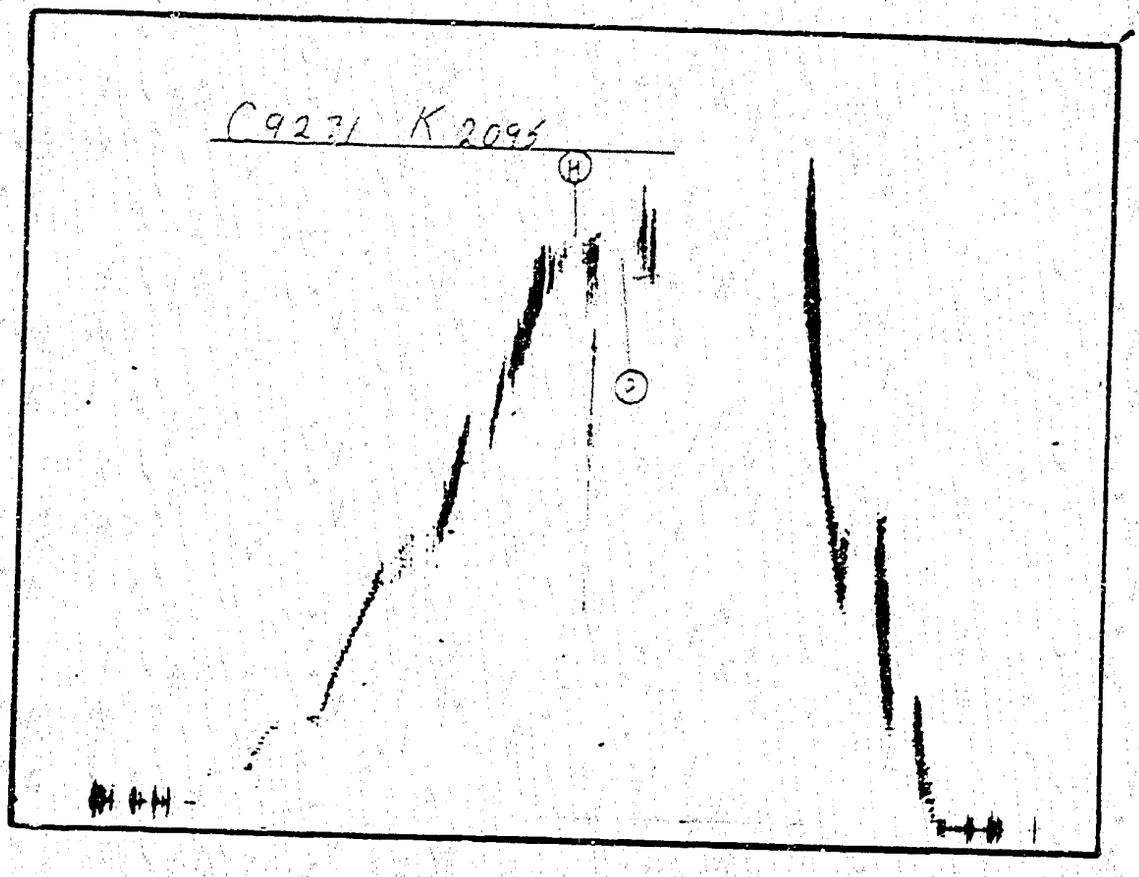
A. Initial Hyd. Mud
B. First Flow
C. Initial Shut-In
D. Second Flow
E. Second Shut-In
F. Third Flow
G. Final Shut-In
H. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings (testing different zones).

A-1, A-2, A-3, etc. Initial Hyd. Pressures
B, B-1, Initial Flow Pressures
C, Initial Shut-In
D-1, D-2, D-3, etc. Second Flow Pressures
E, Second Shut-In
F, F-1, F-2. Third Flow Pressures
G, Final Shut-In
H, Final Hyd. Pressures
Z — Special pressure points such as pumping pressures recorded for formation breakdown.

JOHNSTON TESTERS LTD.

FIELD REPORT NO	RECORDER NO	CAPACITY	REPORTS REQUESTED
C-9271	AK1-2095	3300	18



JOHNSTON TESTERS

Multi-Flow Evaluator (MFE)

TECHNICAL REPORT

PORT ST. JOHN TICKET NO. C-924

TEXACO EXPLORATION COMPANY

TEXACO BOVIE LAKE J-72

30°-11'-39"N-122°-58'-44"-W

DST #2

I & E.I.A.

JOHNSTON TESTERS

Multi-Flow Evaluator (MFE)

TECHNICAL REPORT

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JOHNSTON TESTERS

Pressure Log*

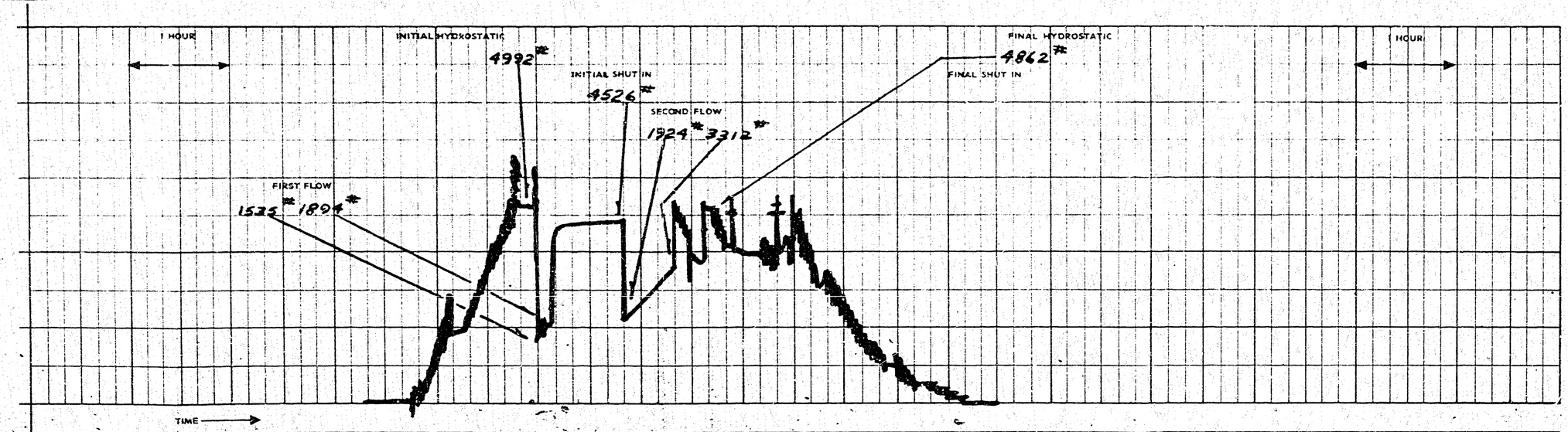
Field Report: C-9872

Instrument Number: AK1-1936

Capacity: 7450 p.s.i.

Depth: 9836 ft.

* a continuous tracing of the original chart



Form J-228a

JTL CD 4A

JOHNSTON TESTERS

TEST DATA

Formation		Zone Thickness		Ft	
Interval	9830 To	10102 TD	10102		
Type of Test	CASING, OPEN HOLE, BOTTOM HOLE				
Time Started in Hole	0100 Hrs	Tool Opened	0928 Hrs		
First Flow	5 Min	Shut In	45 Min		
Second Flow	30 Min	Second Shut In	Min		
Third Flow	Min	Final Shut In	45 Min		
Pulled Loose At	1300 Hrs	Out of Hole	1900 Hrs		
Wt. Set on Packers	60,000 #	Pulled Loose Wt.	#		
Description of Blow During Test	AFTER THAWING PIPE PLUG GOOD GAS BLOW.				

TOOL SEQUENCE

Tool	Length	O.D.
P.O. SUB & SUBS	2.35	
SUB.	.70	
MFE TOOL	9.10	
B-PASS TOOL	3.00	
JARS	6.75	
SAFETY JT.	1.70	
SAFETY SEAL	4.40	
PKR.	4.10	
T.C. & PKR.	6.15	
T.C. & PKR.	6.55	
T.C. & PKR.	6.00	
TOTAL	50.80	
STUB	.90	
PERF.	5.00	
RECORDER	4.40	
D.C. & SUBS.	240.66	
PERF.	3.00	
RECORDER	6.40	
PERF.	10.00	
PERF. & B.N.	1.63	
TOTAL INTERVAL	271.99	

FLUID RECOVERY

Was Test Reverse Circulated Yes ___ No X

Total Fluid Recovered	~~4855~~ 5265 Ft
Description of Fluid Recovered	1350' DRILLING FLUID,
	5' SALT WATER CUT DRILLING FLUID.
	~~3500~~ 3600' FLUID CUSHION.
	3600' FLUID CUSHION BROKE TO SURFACE IN 10 SECONDS DURING FLOW

GAS BLOW MEASUREMENT

Measured With ID Riser

Type of Instrument

Time	Stce. Choke	Reading Inches	Cubic Feet/Day

TOTAL LENGTH	322.79
Elevation	NOT REPORTED
Bottom Hole Choke Size	1/2"
Fluid Cushion Type	DIESEL Amt. 3500'

MUD AND HOLE DATA

Mud Type	INVERT			Wt.	
Filter Cake		Visc	52	Wt	9.9
Time Taken					
Contractor	CASCADE DRLG.			Rig No.	19
Drill Pipe Size	3 1/2 IF				
Drill Collar Size	2 1/4 ID	Length			
Main Hole Size	6 1/2"				
Rat Hole Size	6 1/2"				

REMARKS: NO SURFACE BLOW, TESTED FOR 30 MINUTES AND PULLED LOOSE THAWED OUT PLUG. GOOD BLOW AFTER THAWING OUT PLUG, AT 1300 HOURS. GOOD BLOW AFTER THAWING ICE PLUG.

District	FORT ST. JOHN Ticket No. C-9272	Date	JANUARY 19/67 Test No. 2 J.T.L. No. 2
Company	TEXACO EXPLORATION COMPANY		Address 600 -6TH AVENUE S.W., CALGARY, ALBERTA
Well Name	TEXACO BOVIE LAKE J-72		
Number	#60°-11'-39"N-122°-58'-44"-W	Field	BOVIE LAKE Province N.W.T.
Formation	DST# 2	Co. Rep.	D. BARTH
and Interval	9830-10102	Technician	N. ANDERSON
Distribution of Reports			17 & CHARTS - CALGARY
			1 - FORT ST. JOHN (ENCLOSED)

JOHNSTON TESTERS

PRESSURE DATA

INSTRUMENT No.		AK1-1936	T-4977	
CAPACITY psig		7450	7050	FIELD REPORT No. C-9272
INSTRUMENT DEPTH		9836	10084	
INSTRUMENT OPENING		OUTSIDE	OUTSIDE	
PRESSURE GRADIENT psi/FT				TIME DATA
WELL TEMP. °F		300°	300°	
				TIME GIVEN / TIME COMPUTED
INITIAL HYDROSTATIC	A	4992#	5244#	
FIRST FLOW	B	1535#		MINS / MINS
8-1		1894#	CLOCK	
INITIAL SHUT-IN	C	4526#		MINS / MINS
SECOND FLOW	D	1924#	STOPPED	MINS / MINS
D-1		3312#		
SECOND SHUT-IN	E			MINS / MINS
THIRD FLOW	F			MINS / MINS
FINAL SHUT-IN	G			MINS / MINS
FINAL HYDROSTATIC	H	4862#	5244#	CLOCK TRAVEL IN/MIN.

REMARKS:

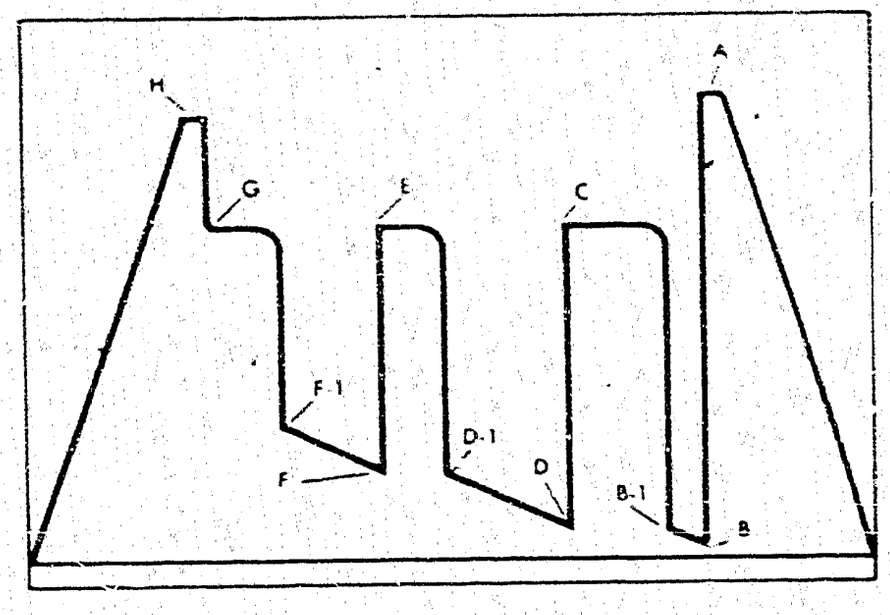
PRESSURE INCREMENTS

POINT MINUTES	PRESSURE	$\frac{T - \Delta T}{\Delta T}$	POINT MINUTES	PRESSURE	$\frac{T - \Delta T}{\Delta T}$	POINT MINUTES	PRESSURE	$\frac{T - \Delta T}{\Delta T}$

JTL-1 & E-15A

JOHNSTON TESTERS

GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS



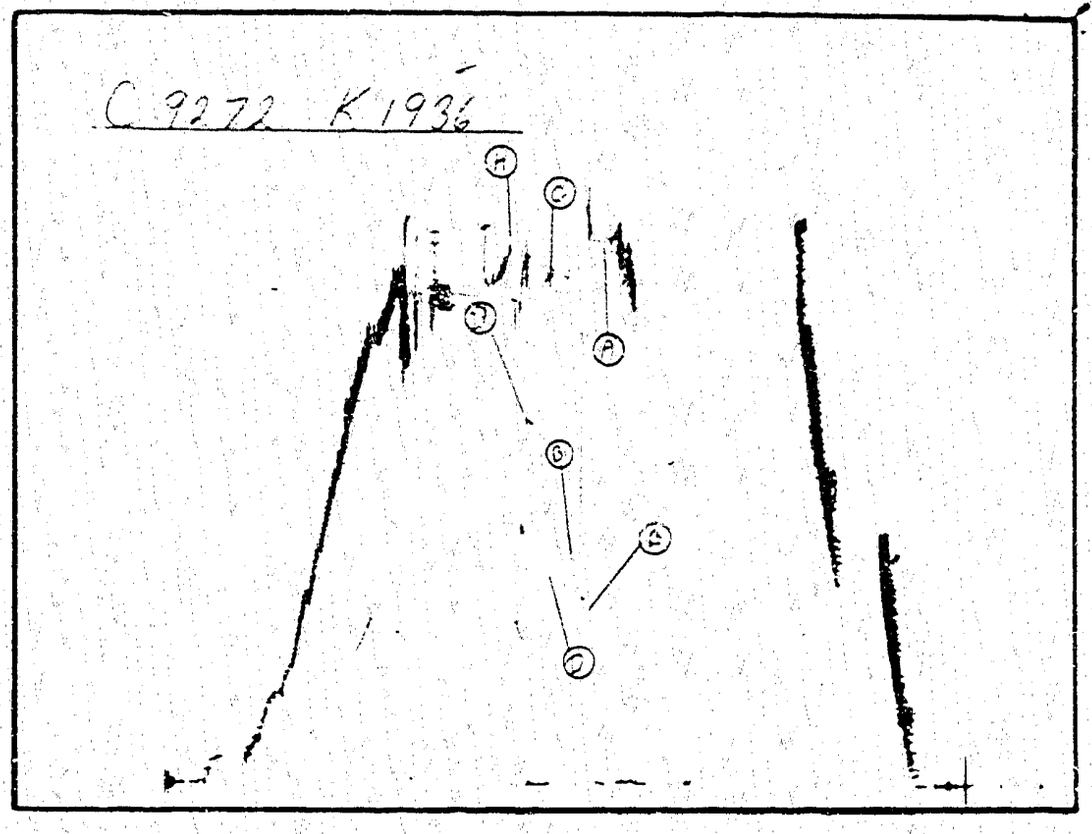
A. Initial Hyd. Mud
B. First Flow
C. Initial Shut-In
D. Second Flow
E. Second Shut-In
F. Third Flow
G. Final Shut-In
H. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings (testing different zones).

A-1, A-2, A-3, etc. Initial Hyd. Pressures
B, B-1, Initial Flow Pressures
C, Initial Shut-In
D-1, D-2, D-3, etc. Second Flow Pressures
E, Second Shut-In
F, F-1, F-2. Third Flow Pressures
G, Final Shut-In
H, Final Hyd. Pressures
Z — Special pressure points such as pumping pressures recorded for formation breakdown.

JOHNSTON TESTERS LTD.

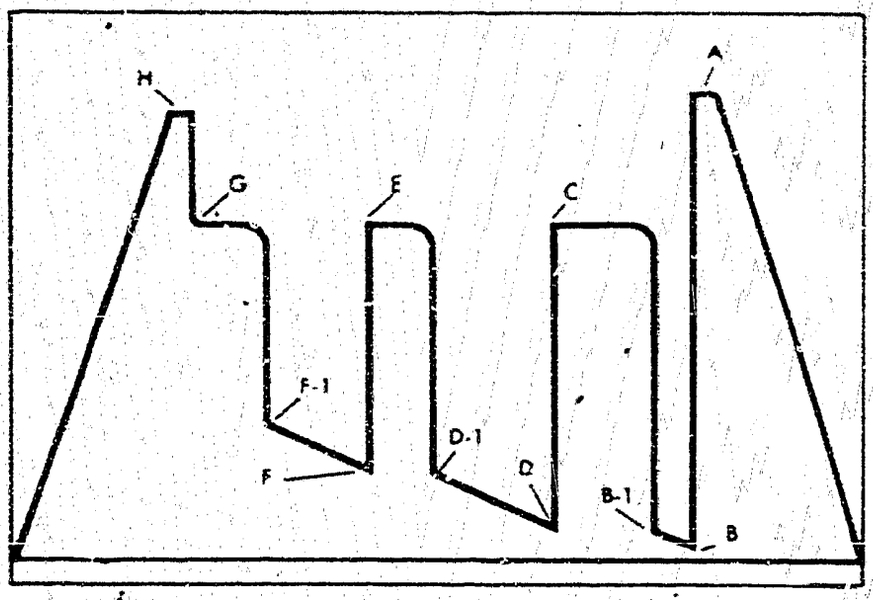
FIELD REPORT NO	RECORDER NO	CAPACITY	REPORTS REQUESTED
C-9270	AK1-1936	7450	18



JTC-1 B E-13A

JOHNSTON TESTERS

GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS



A. Initial Hyd. Mud
B. First Flow
C. Initial Shut-In
D. Second Flow
E. Second Shut-In
F. Third Flow
G. Final Shut-In
H. Final Hyd. Mud

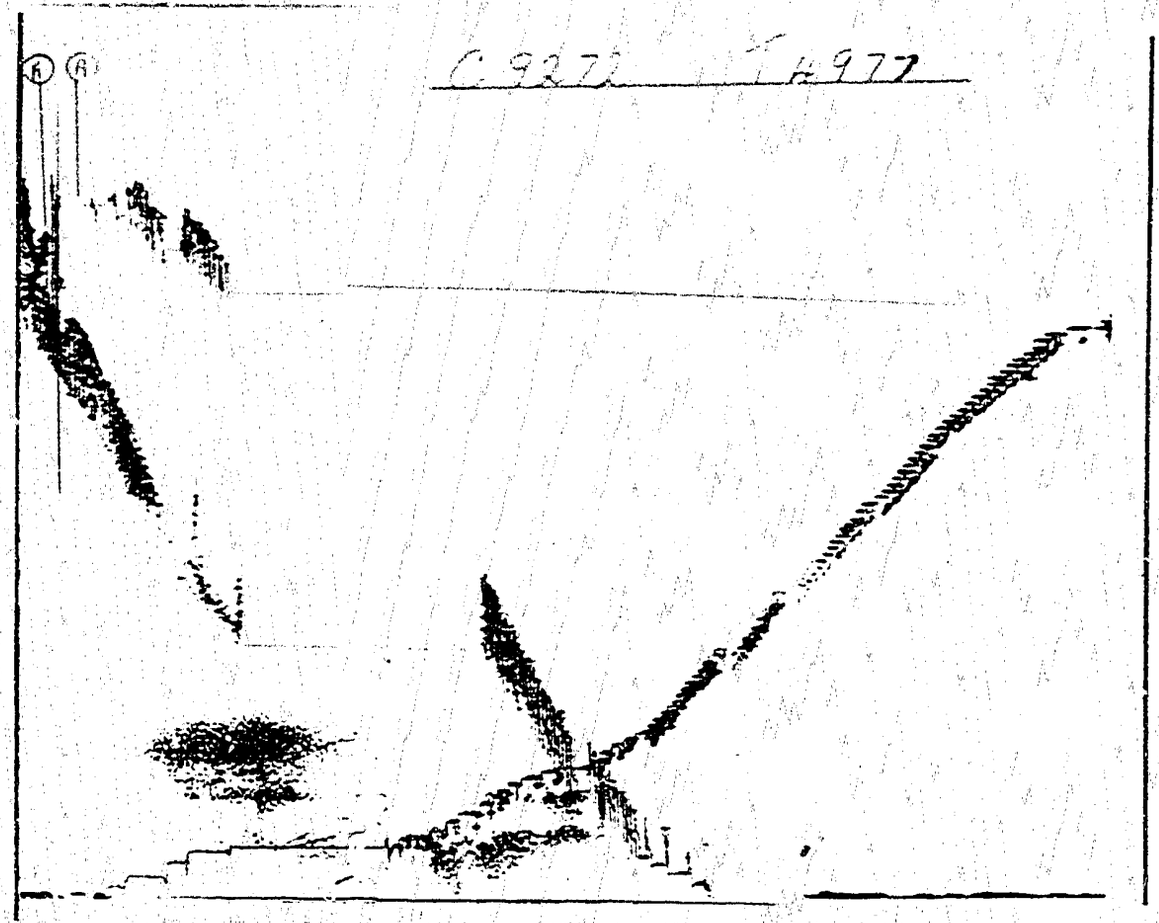
The following points are either fluctuating pressures or points indicating other packer settings (testing different zones).

A-1, A-2, A-3, etc. Initial Hyd. Pressures
B, B-1, Initial Flow Pressures
C, Initial Shut-In
D-1, D-2, D-3, etc. Second Flow Pressures
E, Second Shut-In
F, F-1, F-2, Third Flow Pressures
G, Final Shut-In
H, Final Hyd. Pressures
Z — Special pressure points such as pumping pressures recorded for formation breakdown.

JOHNSTON TESTERS LTD.

FIELD REPORT NO.	RECORDER NO.	CAPACITY	REPORTS REQUESTED
C-9272	T-4977	7000	18

C-9272 T-4977



JOHNSTON TESTERS

Multi-Flow Evaluator (MFE)
TECHNICAL REPORT

JOHN TICKET NO.	
EXACO EXPLORATION COMPANY	
EXACO BOVIE LAKE J-72	
60°-11'-39"N-122°-58'-44"-W	FIELD
DST # 3	COUNTY

JOHNSTON TESTERS

Multi-Flow Evaluator (MFE)

TECHNICAL REPORT

The Multi-Flow Evaluator (MFE) is a wholly new formation evaluation tool that provides test data on an unlimited number of flow and shut-in pressure tests, plus a pressurized formation fluid sample under final flowing pressure. This sample may be drained at the well site, at our field location, or in your laboratory.

Johnston's Special Data Analysis provides valuable calculated data on reservoir pressure, flow capacity, effective permeability, well bore damage, radius of investigation, and potentiometric surface. Included also is a valuable written analysis of these data that can provide important help in planning your completion.

JOHNSTON TESTERS

Pressure Log*

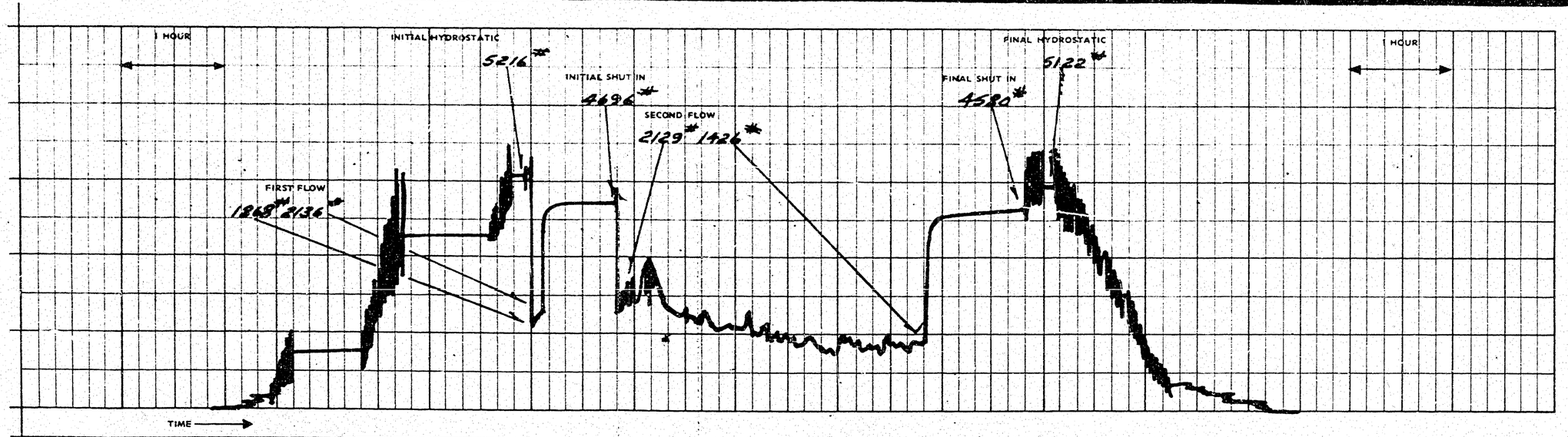
Field Report No. C-3274

Instrument: Number AH1-2113

Capacity 7000 p.s.i.

Depth 10263 ft.

* a continuous tracing of the original chart



Form J-228a

JOHNSTON TESTERS

FLUID SAMPLE REPORT

Date JANUARY 25, 1967 Field Report No C-9274

Company TEXACO EXPLORATION COMPANY

600 - 6TH AVENUE S.W., CALGARY, ALBERTA

Well TEXACO BOYLE LAKE J-72 Field BOYLE LAKE
#60°-11'-39"N-122°-58'-44"-W

District FORT ST. JOHN Province N.W.T.

Test Interval 9800 To 10274 Test No. 3

Type of Test CASING, OPEN HOLE, Recovery Description 830' CLEAN SALT WATER.
BOTTOM HOLE
3500' DIESEL CUSHION

Bot. Hole Temp. 326 F.

Recorded Pressures:
ISI 4696 psig.
SSI psig.
RECORDER NUMBER
AK1-2113
FF 1426 psig.
FSI 4580 psig.

SAMPLE UNIT

Sample No. 3 Type MFE Volume 2500 Depth ft.

Sample Drained: ☒ On Location ☐ Service Center ☐ Other

☐ Laboratory-Name
Address

Sample Pressure 775 psig. at Surface

Recovery:
Cu. Ft. Gas 2.77
cc. Oil
cc. Water
cc. Mud
Total Liquid cc.

Gravity API @ °F.
Gas/Oil Ratio

RESISTIVITY

Recovery Water @ °F.
Mud Pit sample filtrate @ °F.

CHLORIDE CONTENT

100,000 ppm.
ppm.

REMARKS

*Shut-in Pressure did not reach static reservoir pressure.

JOHNSTON TESTERS

PRESSURE DATA

INSTRUMENT No.		AK1-2112	AK1-2113		
CAPACITY (psig)		7000	7000		
INSTRUMENT DEPTH		9816	10263		
INSTRUMENT OPENING		OUTSIDE	OUTSIDE		
PRESSURE GRADIENT psi/FT					
WELL TEMP °F		326°	326°		
INITIAL HYDROSTATIC	A	5013#	5216#		
FIRST FLOW	B	1668#	1868#		
B-1		1976#	2136#		
INITIAL SHUT-IN	C	4527#	4696#		
SECOND FLOW	D	1971#	2129#		
D-1		1280#	1426#		
SECOND SHUT-IN	E				
THIRD FLOW	F				
FINAL SHUT-IN	G	4472#	4580#		
FINAL HYDROSTATIC	H	4925#	5122#		

FIELD REPORT No. C-9274

TIME DATA

	TIME GIVEN	TIME COMPUTED
	MINS	MINS
	MINS	MINS
	MINS	MINS
	MINS	MINS
	MINS	MINS
	MINS	MINS
CLOCK TRAVEL		IN/MIN.

REMARKS:

PRESSURE INCREMENTS

POINT MINUTES	PRESSURE	$\frac{T + \Delta T}{\Delta T}$	POINT MINUTES	PRESSURE	$\frac{T + \Delta T}{\Delta T}$	POINT MINUTES	PRESSURE	$\frac{T + \Delta T}{\Delta T}$

JTL-CD-4A

JOHNSTON TESTERS

TEST DATA

Formation		Zone Thickness			Ft.
Interval	9800 To	10274	T.D.	10274	
Type of Test	CASING, OPEN HOLE, BOTTOM HOLE				
Time Started in Hole	0030 Hrs.	Tool Opened	0917	Hrs.	
First Flow	5 Min.	Shut In	50	Min.	
Second Flow	180 Min.	Second Shut In		Min.	
Third Flow	Min.	Final Shut In	60	Min.	
Pulled Loose @	1410 Hrs.	Out of Hole	1645	Hrs.	
Wt. Set on Packers	50,000 #	Pulled Loose Wt.		#	

Description of Blow During Test: GOOD BLOW, GAS TO SURFACE IN 32 MINUTES, GOOD GAS AND SALT WATER BLOW, DECREASING SLOWLY.

FLUID RECOVERY — Was Test Reverse Circulated Yes ☐ No ☒

Total Fluid Recovered	4330	Ft.
Description of Fluid Recovered	830' CLEAN SALT WATER.	
	3500' DIESEL CUSHION. NOT REC'D	

GAS BLOW MEASUREMENT

Measured With SIDE STATIC 2" I.D. Riser

Type of Instrument SIDE STATIC NIPPLE GAUGE

Time	Sfce. Choke	Reading Inches	M Cubic Feet/Day
	MIDDLE OF FLOW		3200
	END OF FLOW	280	2600

REMARKS: TEST SATISFACTORY.

TOOL SEQUENCE

Tool	Length	O.D.
SUB.	.85	
HFE TOOL	9.10	
BYPASS TOOL	3.00	
JARS	6.65	
SAFETY JT.	1.75	
SAFETY SEAL	4.40	
PKR.	4.10	
T.C. & PKR.	6.50	
T.C. & PKR.	6.10	
TOTAL	42.45	
STUB	.90	
PERF.	5.00	
RECORDER	4.40	
D.C. & SUB'S.	450.17	
PERF.	7.00	
RECORDER	4.40	
PERF.	5.00	
PERF. & B.N.	1.63	
TOTAL INTERVAL	475.00	
TOTAL LENGTH	517.45	

Elevation	NOT REPORTED
Bottom Hole Choke Size	1/2"
Fluid Cushion Type	DIESEL Amt. 3500'

MUD AND HOLE DATA

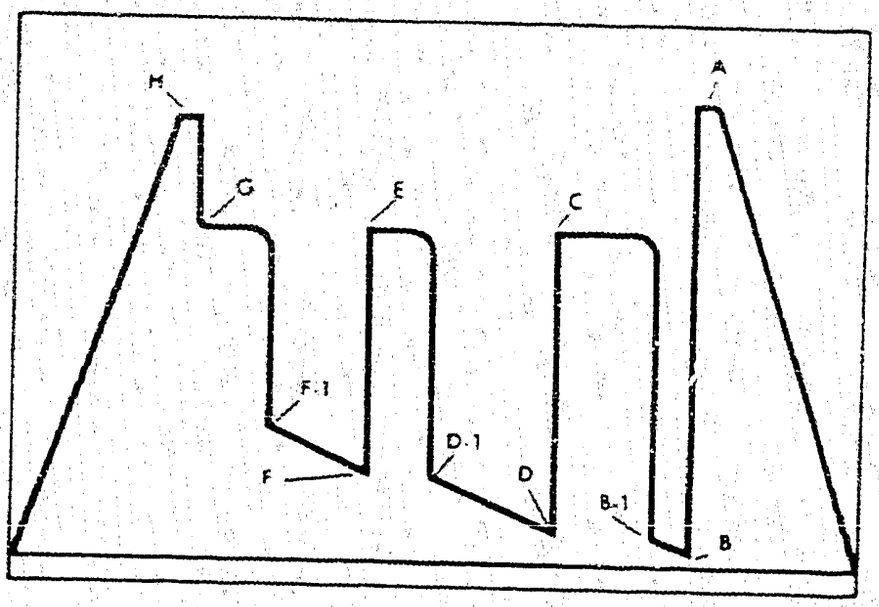
Mud Type	INVERMUL	W.L.	
Filter Cake	Visc. 46	Wt.	10.0
Time Taken	JANUARY 24/67 @ 1600 HRS.		
Contractor	CASCADE DRLG.	Rig No.	19
Drill Pipe Size	3 1/2 IF		
Drill Collar Size	2 1/4 ID	Length	208'
Main Hole Size	7" CASING		
Rat Hole Size	6 1/8"		

District	FORT ST. JOHN Ticket No. C-9274	Date JANUARY 25/67	Test No. 3 J.T.L. No. 3
Company	TEXACO EXPLORATION COMPANY	Address	600 - 6TH AVENUE S.W. CALGARY, ALBERTA
Well Name	TEXACO BOVIE LAKE J-72		
Number	#60°-11'-39"N-122°-58'-44"-W	Field	BOVIE LAKE Province N.W.T.
Formation	DST# 3	Co. Rep.	D. BARTH
and Interval	9800-10274	Technician	N. ANDERSON
Distribution of Reports			17 - CALGARY
			1 - FORT ST. JOHN (ENCLOSED)

JTL-1 & 2-13A

JOHNSTON TESTERS

GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS



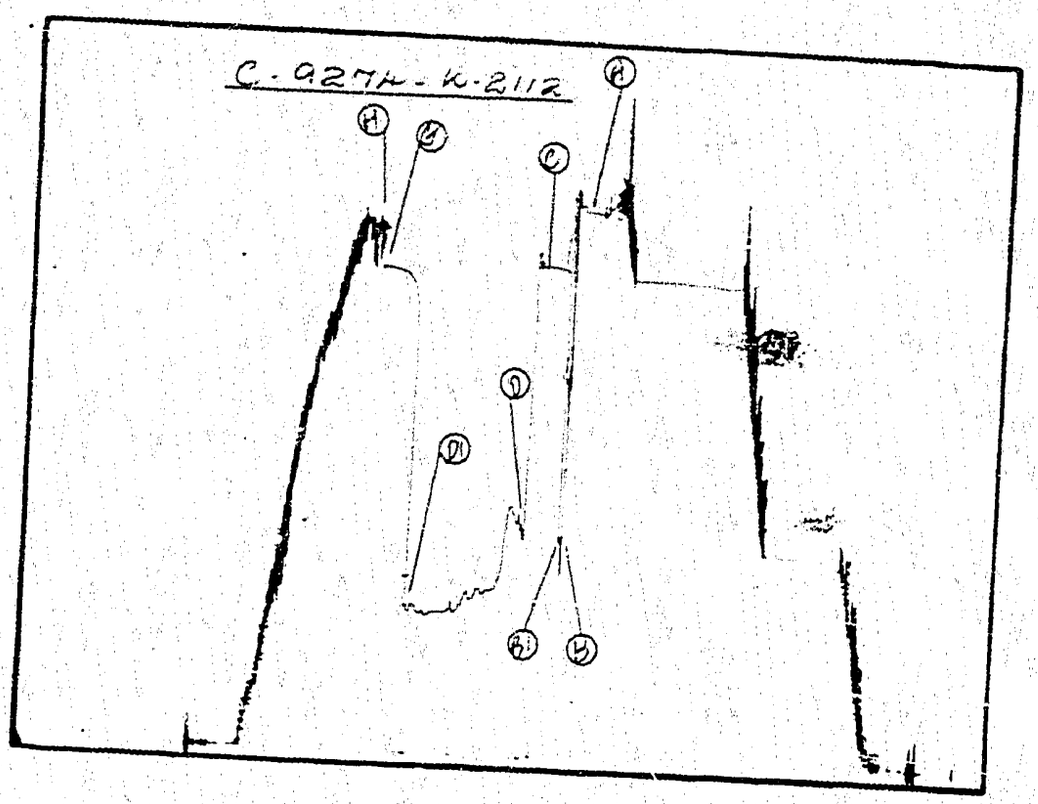
A. Initial Hyd. Mud
B. First Flow
C. Initial Shut-In
D. Second Flow
E. Second Shut-In
F. Third Flow
G. Final Shut-In
H. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings (testing different zones).

A-1, A-2, A-3, etc. Initial Hyd. Pressures
B, B-1, Initial Flow Pressures
C, Initial Shut-In
D-1, D-2, D-3, etc. Second Flow Pressures
E, Second Shut-In
F, F-1, F-2, Third Flow Pressures
G, Final Shut-In
H, Final Hyd. Pressures
Z — Special pressure points such as pumping pressures recorded for formation breakdown.

JOHNSTON TESTERS LTD.

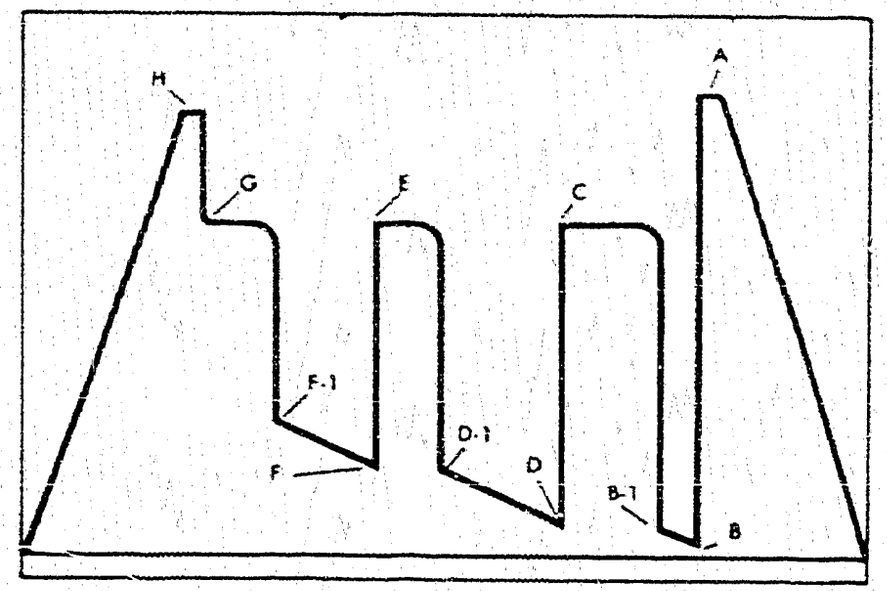
FIELD REPORT NO	RECORDER NO	CAPACITY	REPORTS REQUESTED
C-9274	AK1-2112	7000	18



JYL-1 & E-13A

JOHNSTON TESTERS

GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS



A. Initial Hyd. Mud
B. First Flow
C. Initial Shut-In
D. Second Flow
E. Second Shut-In
F. Third Flow
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H. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings (testing different zones).

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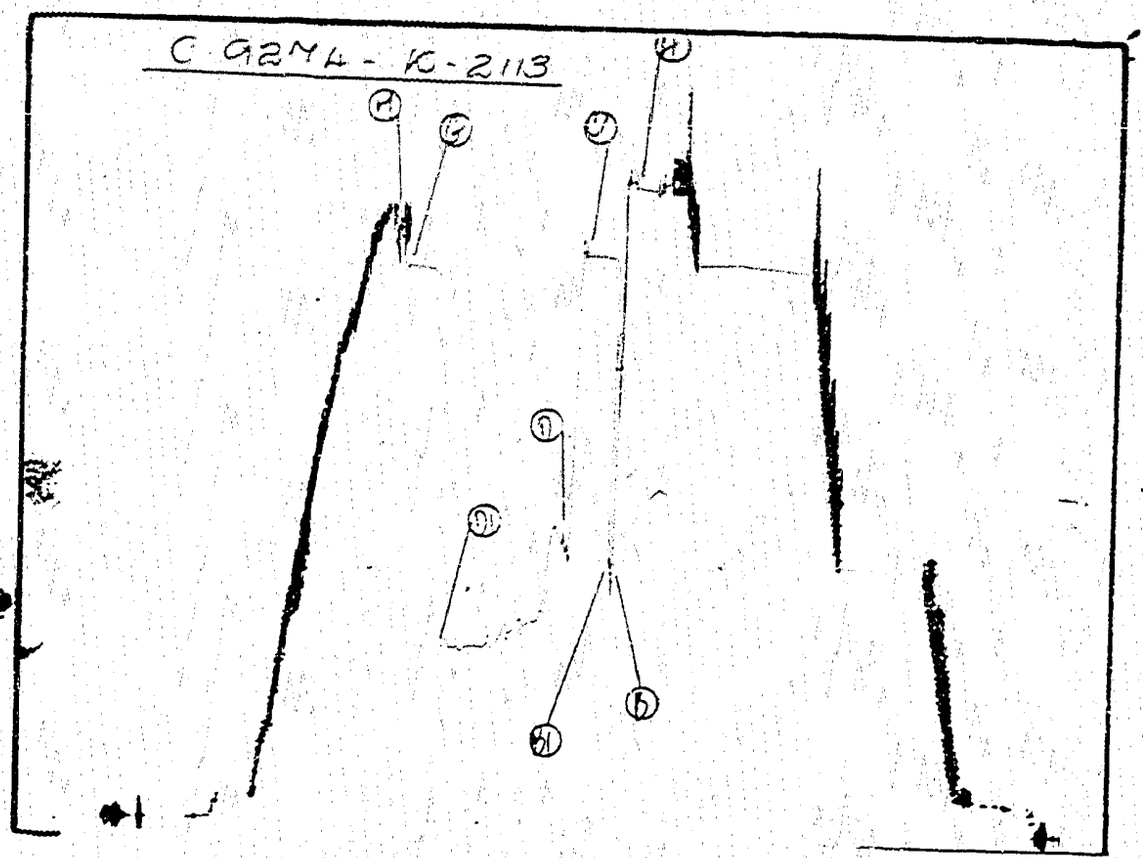
B, B-1, Initial Flow Pressures
C, Initial Shut-In
D-1, D-2, D-3, etc. Second Flow Pressures
E, Second Shut-In
F, F-1, F-2, Third Flow Pressures
G, Final Shut-In
H, Final Hyd. Pressures
Z — Special pressure points such as pumping pressures recorded for formation breakdown.

JOHNSTON TESTERS LTD.

FIELD REPORT NO.	RECORDER NO.	CAPACITY	REPORTS REQUESTED
C-9274	AK1-2113	7000	18



Halliburton

Your...

Chemical Service Report

CO. Texaco Exploration (NEA)
WELL # J-72 LSD SEC TWP RGE W
FIELD Bovie Lake DEPTH 10070
TYPE JOB Acid Squeeze
DATE Feb. 23/67 TICKET # A07044
CHART # 1 HOWCO OPR. Bjornson

TRUCK NUMBER
HR. OPERATOR
LEASE
DATE
HR. WELL NO.
HR. TICKET NUMBER
KIND OF JOB
COMPANY
FIELD

CHEMICAL SERVICE REPORT

TYPE TREATMENT Acid Squeeze

DATE February 23, 1967

ATTACH TO TICKET No 107044

STAGE No 1

PAGE No 1

Halliburton DISTRICT Fort Nelson

CHEMICAL SERVICE

COMPANY HANSON EXPLORATION LTD. WELL J-72 (NEA) FIELD N.W.T. LSD J-7 SEC TWP RGE W

THE FOLLOWING INFORMATION WAS FURNISHED BY THE WELL OWNER OR HIS AGENT

FORMATION		DATE CASING SET	Jan./67	PERF FROM T TO	SHOTS FT
TUBING OD	2 7/8"	WT 6.5	DEPTH 9943	PERF FROM I TO	SHOTS FT
CASING OD	5"	WT 18	DEPTH 10077	PERF FROM C TO	SHOTS FT
LINER OD		FROM	TO	PERF FROM H TO	SHOTS FT
PACKER TYPE	R.T.T.S.	SET AT	9943	OPEN HOLE SIZE T FROM	TO
MAX ALLOWABLE PRESS TBG	5000	CSG	1000	TREAT INTERVAL FROM	TO

TREAT THRU TBG ☒ ANNULUS ☐ CSG ☐ TBG ANNULUS ☐

7-13 ft. of 3½" I.F. Drillpipe

CAPACITY TBG 21 ANNULUS 105 CSG OPEN HOLE

BOTTOM HOLE TEMP 134 DEGREES

MATERIAL USED

TYPE TREATMENT 1	M.S.A. 10%	1000	GAL.
TYPE TREATMENT 2			GAL.
INHIBITOR TYPE	Renine 62	6	GAL./1000 GAL.
N COMPOUND TYPE			GAL./1000 GAL.
PENETRANT TYPE			GAL./1000 GAL.
OTHER ADDITIVES	Merple II	30	GAL. LB./1000 GAL
			GAL. LB./1000 GAL
			GAL. LB./1000 GAL
SURFACTANT TYPE	Merple II	30	GAL.
	MIXED IN 1000	GAL. OF	Acid
DIVERTING AGENTS TYPE		AMOUNT	
TYPE		AMOUNT	
LABORATORY REACTION TIME 1		MIN.	
2		MIN.	

TREATMENT SUMMARY

HYDRAULIC HORSE POWER AVAILABLE		800	
HHP. ON TBG.	306	CSG.	MANIFOLDED ☐
INJECTION RATES BPM			
TREATING	2	DISP. 2.5	AVERAGE 2 1/4
PRESSURES PSI. BREAKDOWN FROM	4700	TO	4500
MIN.	4500	MAX. 5000	DISP. 700
INSTANT SHUTDOWN	1200	5 MIN.	2900
VOLUMES FLUID TO FILL HOLE			BBL.
1ST STAGE TYPE	M.S.A. 1000	GAL.	
2ND STAGE TYPE		GAL.	24 BBL.
3RD STAGE TYPE		GAL.	
4TH STAGE TYPE		GAL.	
FLUSH FLUID TYPE	Mud		37 BBL.
TOTAL FLUID PUMPED INTO WELL			39 BBL.

TREATING LOG

TIME	PRESSURES TUBING	PRESSURES CASING	VOLUME PUMPED (BBL.)	VOLUME IN FORMATION (BBL.)	RATE (BPM.)	REMARKS
1:00						Test lines to 5000 P.S.I.
1:40	1000				3	Start diesel.
1:43	1000		10			Stop.
1:45	500					Start acid.
2:05	500		24		3	Stop.
2:15	1000		10			Pump 10 Bbls Diese. and start.
2:18	1300				3	Circulate acid to bottom.
2:47	1200		32			Acid at perfs. Set packer.
2:56	3000		1	1	.5	Start squeeze.
3:12	5000	1000	15	16	2.5	Squeezing.
3:24	5000	1000	23	39	2.5	Stop. Acid all squeezed.
4:03						Bleed off unseat packer.

SUMMARY OF PLANNED PROGRAM

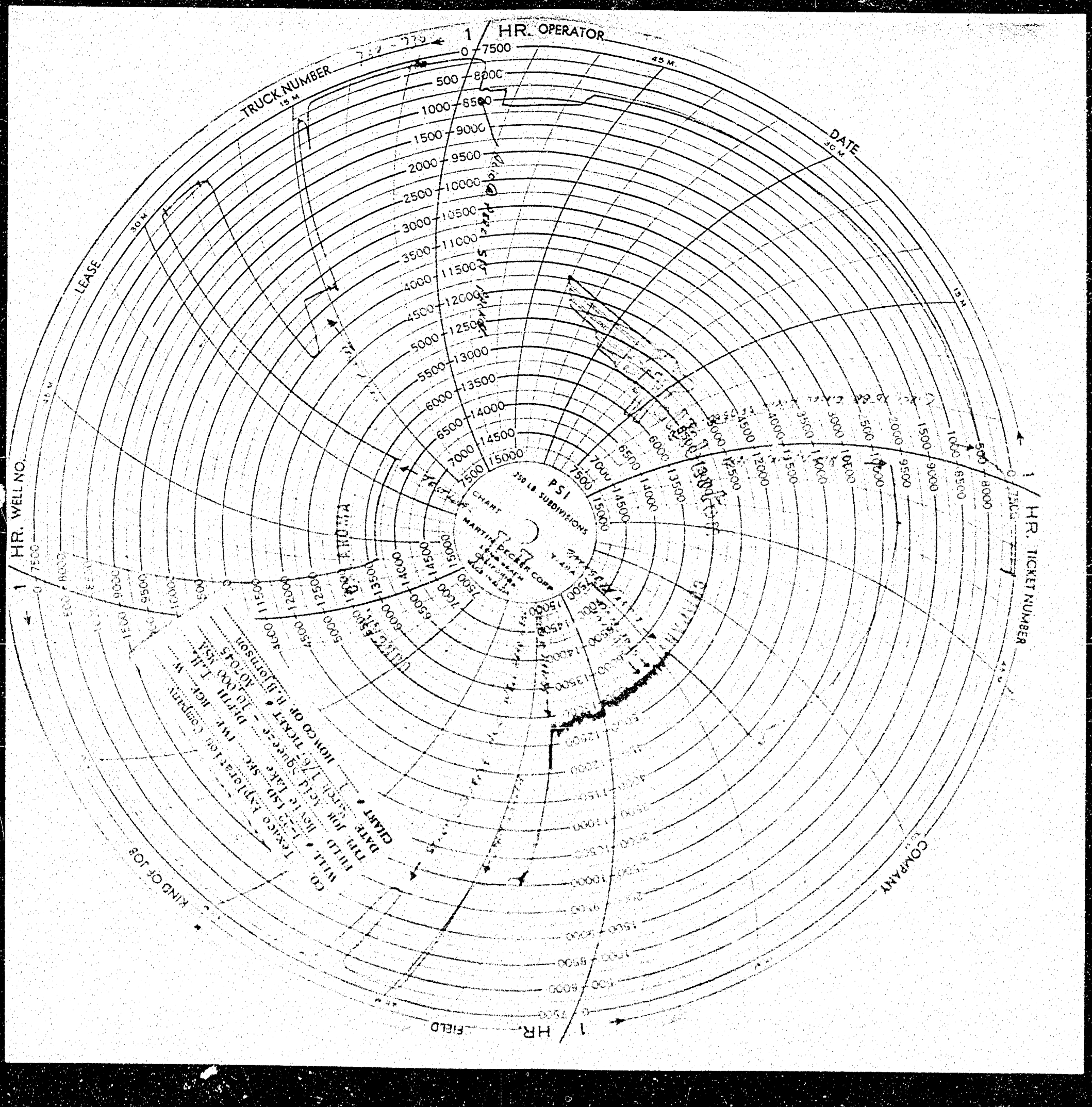
Pressure test lines to 5000 P.S.I.. Run 10 Bbls Diesel ahead of 24 Bbls M.S.A. 10% Acid and 10 Bbls behind circulation to bottom and set packer and squeeze at a maximum of 5000 P.S.I.. Leave 5 Bbls diesel in annulus.

HALLIBURTON OPERATOR B. Bjornson

COMPANY REPRESENTATIVE Don Barth

HOWCO 7075106

COPIES REQUESTED 1


1 HR. OPERATOR
TRUCK NUMBER
LEASE
DATE
HR. WELL NO.
HR. TICKET NUMBER
COMPANY
KIND OF JOB
FIELD
PSI
CHART
MARTIN DECKER CORP.
DATE JOB STARTED 1/6 SQUEEZE - 10,000 LBS SAND
CLIENT HOWCO OR R. JOHNSTON
WELL TEXACO INDIAN SEC. TWP. RGE.
CO. TEXACO INDIAN SEC. TWP. RGE.

CHEMICAL SERVICE REPORT

TYPE TREATMENT Acid Squeeze

Halliburton DISTRICT [illegible]

DATE Sept. 1, 1967

ATTACH TO TICKET NO 307045

STAGE NO 1

PAGE NO 1

THE FOLLOWING INFORMATION WAS FURNISHED BY THE WELL OWNER OR HIS AGENT

FORMATION		DATE CASING SET	
TUBING OD	[illegible] WT	DEPTH	
CASING OD	WT	DEPTH	
LINER OD	FROM	TO	
PACKER TYPE		SET AT	
MAX. ALLOWABLE PRESS TBG		CSG	
TREAT THRU TBG ☐ ANNULUS ☐ CSG ☐		TBG ANNULUS ☐	

PERF FROM	TO	SHOTS FT	
PERF FROM	TO	SHOTS FT	
PERF FROM	TO [illegible] HOLE	SHOTS FT	
PERF FROM	TO	SHOTS FT	
OPEN HOLE SIZE	FROM	TO	
TREAT INTERVAL FROM		TO	
CAPACITY TBG	ANNULUS	CSG OPEN HOLE	
BOTTOM HOLE TEMP	DEGREES		

MATERIAL USED

TYPE TREATMENT 1		10000	GAL.
TYPE TREATMENT 2			GAL.
INHIBITOR TYPE	Rodine	8	GAL. 1000 GAL.
N COMPOUND TYPE			GAL. 1000 GAL.
PENETRANT TYPE			GAL. 1000 GAL.
OTHER ADDITIVES	FR-10	4	LB. 1000 GAL.
			GAL. LB. 1000 GAL.
			GAL. LB. 1000 GAL.
SURFACTANT TYPE	Morflo	110	GAL.
MIXED IN	11000	GAL. OF	Acid & Diesel
DIVERTING AGENTS TYPE		AMOUNT	
TYPE		AMOUNT	
LABORATORY REACTION TIME 1		MIN.	
2		MIN.	

TREATMENT SUMMARY

HYDRAULIC HORSE POWER AVAILABLE			1300		
HHP IN TBG	1300	CSG		MANIFOLDED	☐
INJECTION RATES BPM					
TREATING	5.5	DISP.	5.5	AVERAGE	5.5
PRESSURES PSI BREAKDOWN FROM			5500	TO	5250
MIN.	5250	MAX.	5500	DISP.	5500
INSTANT SHUTDOWN	3200			5 MIN.	3000

VOLUMES FLUID TO FILL HOLE

1ST STAGE TYPE	MSA	10000	GAL.	BBL.
2ND STAGE TYPE			GAL.	220 BBL.
3RD STAGE TYPE			GAL.	
4TH STAGE TYPE			GAL.	
FLUSH FLUID TYPE	H2O			78 BBL.
TOTAL FLUID PUMPED INTO WELL				230 BBL.

TREATING LOG

TIME	PRESSURES TUBING	PRESSURES CASING	VOLUME PUMPED (BBL.)	VOLUME IN FORMATION (BBL.)	RATE (BPM)	REMARKS
10:30 PM						Test lines to 6500
10:55	500				1	Start 10 bbls diesel followed by 73 bbls acid
11:55	500		83			Acid at perfs
8:45	2300	1500	2			Pressure annulus to 1500 PSI
8:47	4000	1500	2	2	4	Start squeeze acid
8:50	5500	1500	25	27	4.5	Squeezing
8:55	5400	1500	60	87	5.5	Squeezing
9:00	5400	1300	27	105	5.5	Squeezing
9:03	5400	1300	10	132	5.5	Start diesel
9:06	5400	1300	10	142	5.5	Diesel gone
9:07	5500	1300	33	152	5.5	Start flush
9:10	5500	1300	55	185	5.5	Flushing
9:15	5500	1300	230	230	5.5	Acid squeezed
9:45			230	230		Shut in - bleed off lines

SUMMARY OF PLANNED PROGRAM

Test lines to 6500 psi. Circulate 10 bbls diesel followed by 73 bbls acid Set Otis Packer and head up well. Wait until morning and squeeze 220 acid at maximum of 5500 psi followed by 10 bbls diesel and 78 bbls of flush.

HALLIBURTON OPERATOR B. Bjornson

COMPANY REPRESENTATIVE H. Wollen

HOWCO 7075105

COPIES REQUESTED

CHEMICAL SERVICE

COMPANY TEXACO EXPLORATION COMPANY WELL I-22 N.W.T. FIELD

BOWIE LAKE LSD SEC TWP RGE W

Halliburton

Your . . .

Chemical Service Report

CHEMICAL SERVICE REPORT

TYPE TREATMENT M.S.A. Squeeze

DATE February 15, 1967

ATTACH TO TICKET No. A13526

Halliburton DISTRICT Fort Nelson

STAGE No. 1

PAGE No. 1

CHEMICAL SERVICE

COMPANY TEXACO EXPLORATION CO. (NFA) WELL TEX. NFA ROVIE LAKE J-72 FIELD WILDCAT

LSD ... SEC. ... TWP ... RGE ... W ...

THE FOLLOWING INFORMATION WAS FURNISHED BY THE WELL OWNER OR HIS AGENT

FORMATION ... DATE CASING SET Feb. 11/67

TUBING OD 2 7/8" WT. 6.5# DEPTH 10112

CASING OD 7" WT. 23# DEPTH 9054

LINER OD 5" FROM 8997 TO 11034

PACKER TYPE B.T.T.S. SET AT 10049

MAX. ALLOWABLE PRESS. TBG. 3450 CSG. 1000

TREAT. THRU: TBG. ☒ ANNULUS ☐ CSG. ☐ TBG./ANNULUS ☐

PERF. FROM 10104 TO 10109 SHOTS/FT. 1

PERF. FROM ... TO ... SHOTS/FT. ...

PERF. FROM ... TO ... SHOTS/FT. ...

PERF. FROM ... TO ... SHOTS/FT. ...

OPEN HOLE, SIZE ... FROM ... TO ...

TREAT. INTERVAL FROM 10104 TO 10109

CAPACITY: TBG. 70 ANNULUS ... CSG./OPEN HOLE ...

BOTTOM HOLE TEMP 240 DEGREES

MATERIAL USED

TYPE TREATMENT 1: M.S.A. 1000 GAL.

TYPE TREATMENT 2: ... GAL.

INHIBITOR: TYPE Rodine 6 GAL./1000 GAL.

N COMPOUND TYPE ... GAL./1000 GAL.

PENETRANT TYPE ... GAL./1000 GAL.

OTHER ADDITIVES Morflo II 30 GAL./1000 GAL.

... GAL. LB./1000 GAL.

... GAL. LB./1000 GAL.

SURFACTANT: TYPE ... GAL.

MIXED IN ... GAL. OF ...

DIVERTING AGENTS: TYPE ... AMOUNT ...

TYPE ... AMOUNT ...

LABORATORY REACTION TIME 1 ... MIN.

2 ... MIN.

TREATMENT SUMMARY

HYDRAULIC HORSE POWER AVAILABLE 185

HHP. ON TBG. 185 CSG. ... MANIFOLDED ☐

INJECTION RATES: BPM.

TREATING 0.5 DISP. 3.5 AVERAGE 2.0

PRESSURES PSI. BREAKDOWN FROM ... TO ...

MIN. ... MAX. ... DISP. ...

INSTANT SHUTDOWN ... 5 MIN. ...

VOLUMES: FLUID TO FILL HOLE ... BBL.

1ST STAGE: TYPE Diesel 10 Bbl. / GAL.

2ND STAGE: TYPE M.S.A. 1000 GAL. | 44 BBL.

3RD STAGE: TYPE Diesel 10 Bbl. / GAL.

4TH STAGE: TYPE ... GAL.

FLUSH FLUID: TYPE Mud ... 63 BBL.

TOTAL FLUID PUMPED INTO WELL: 107 BCL.

TREATING LOG

TIME	PRESSURES TUBING	PRESSURES CASING	VOLUME PUMPED (BBL.)	VOLUME IN FORMATION (BBL.)	RATE (BPM.)	REMARKS
12:50						Start recorder.
12:52						Pressure test line to 5000 PSI.
1:00	700					Start diesel fuel and 5 Gals Morflo II
1:05	700		10		2	Finish diesel fuel.
1:05						Mix acid and Morflo and Inhibitor.
1:30	650					Start acid.
1:40	650		24		2.4	Finish acid. Start mix diesel fuel and Morflo II.
1:58	850					Start diesel fuel buffer.
2:04	1150		10		0.7	Finish diesel fuel.
2:04	1000					Start mud.
2:12	1450		28		3.5	Finish mud. Displaced to perfs.
2:40	5000	1000	13			No feed rate. Bleed off.

SUMMARY OF PLANNED PROGRAM

Pump 10 Bbls diesel fuel and 5 Gals Morflo, then 1000 Gals Acid and 30 Gals Morflo and then 10 Bbls Diesel Fuel and Morflo to perforations. Squeeze acid into formation. Fluid to be displaced with drilling mud.

HALLIBURTON OPERATOR J.B. Towers

COMPANY REPRESENTATIVE D. Bath

HOWCO 7075106

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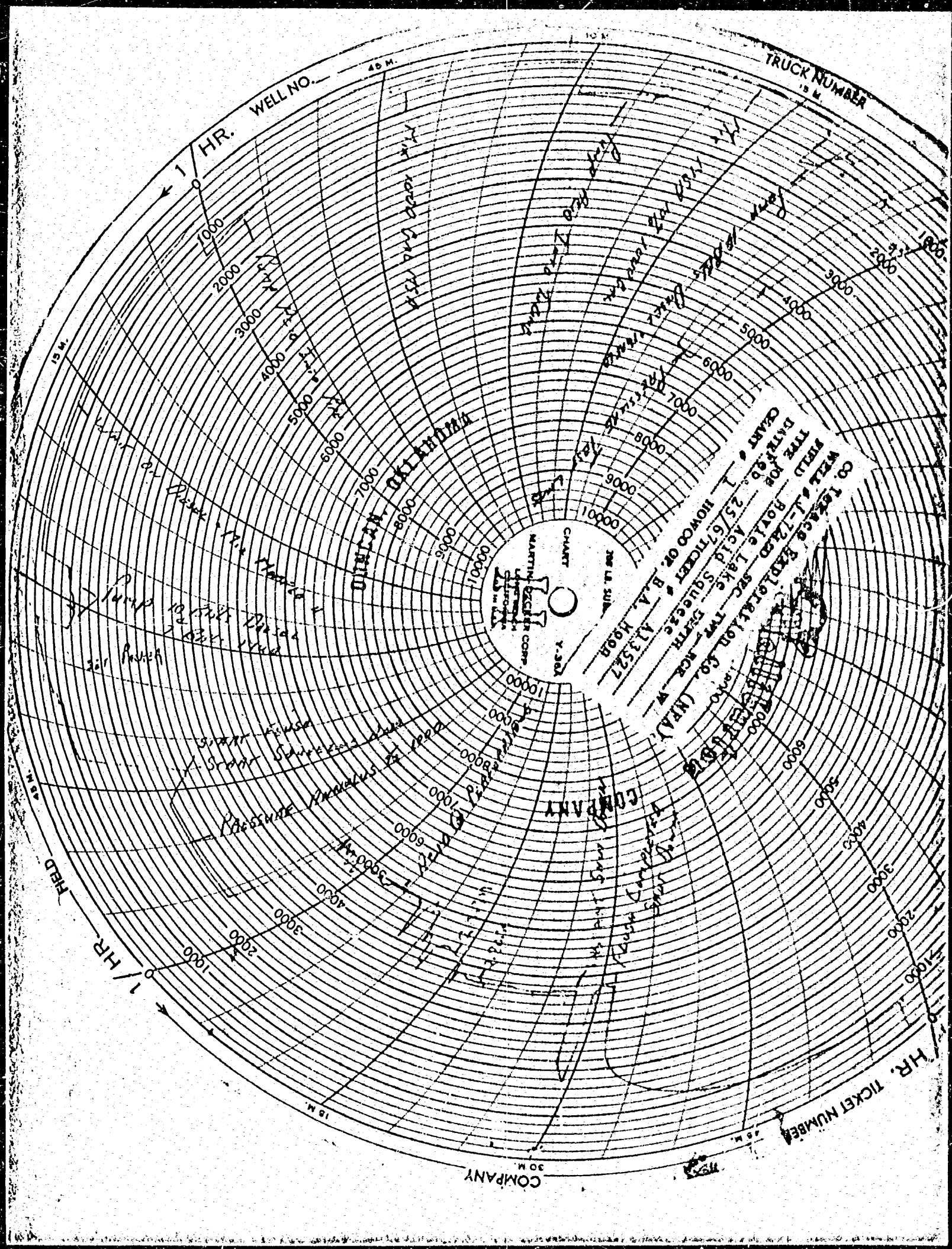
TIME HOUR: MIN	PRESSURES (P.S.I.) TUBING	CASING	VOLUME PUMPED (BBL.)	VOLUME IN FORMATION (BBL.)	FEED RATE (R.P.M.)	REMARKS
3:48	5200	1000	1½			No feed rate. Bleed off.
5:00						Add two joints to string of pipe
5:30	1100	1000				Start mud.
5:38	800	1000	10	10	1.2	Pump Mud.
5:45	3000	1000	1	11		" "
5:50	2950	1000	2	13		" "
5:51	3000	1000	1	14		" "
5:58	1950	1000				Bleed off.
6:05	3450	1000		14		
6:14	3375	1000	10	24		Pump mud.
6:16	3350	1000	4	28		" "
6:25	3300	1000	3	31		" "
6:40						Bleed off and unseat tool.
6:50			2	33		Pump extra 2 Bbls mud.

Your . . .

Chemical Service Report


TRUCK NUMBER
WELL NO.
1/HR.
COMPANY
HR. TICKET NUMBER
CHART
MARTIN-DECKER CO.
CORP.
COMPANY
1/HR.
FIELD
15 M.
30 M.
45 M.
1000
2000
3000
4000
5000
6000
7000
8000
9000
10000

CHEMICAL SERVICE REPORT

TYPE TREATMENT Acid Squeeze

DATE February 25, 1967

ATTACH TO TICKET NO. A13527

STAGE NO.

PAGE NO.

Halliburton DISTRICT Fort Nelson

THE FOLLOWING INFORMATION WAS FURNISHED BY THE WELL OWNER OR HIS AGENT.

FORMATION Tight Hole DATE CASING SET

TUBING OD 2 3/8" WT. DEPTH 9957

CASING OD 7" WT. DEPTH

LINER OD 5" FROM TO

PACKER TYPE R.T.T.S. SET AT

MAX. ALLOWABLE PRESS. TBG. 5000 CSG. 1000

TREAT. THRU. TBG. ☒ ANNULUS ☐ CSG. ☐ TBG./ANNULUS ☐

PERF. FROM 9852 TO 9980 SHOTS/FT.

PERF. FROM TO SHOTS/FT.

PERF. FROM TO SHOTS/FT.

PERF. FROM TO SHOTS/FT.

OPEN HOLE SIZE FROM TO

TREAT. INTERVAL FROM 9852 TO 9980

CAPACITY TBG. 70 ANNULUS .5 CSG. OPEN HOLE

BOTTOM HOLE TEMP 350 DEGREES

MATERIAL USED

TYPE TREATMENT 1. ..... GAL.

TYPE TREATMENT 2. MSA 2000 GAL.

INHIBITOR TYPE ..... GAL./1000 GAL.

N COMPOUND TYPE ..... GAL./1000 GAL.

PENETRANT TYPE ..... GAL./1000 GAL.

OTHER ADDITIVES ..... GAL. LB./1000 GAL.

..... GAL. LB./1000 GAL.

..... GAL. LB./1000 GAL.

SURFACTANT: TYPE Morflo II 40 GAL.

MIXED IN 2000 GAL. OF MSA

DIVERTING AGENTS: TYPE ..... AMOUNT .....

TYPE ..... AMOUNT .....

LABORATORY REACTION TIME 1 ..... MIN.

2 ..... MIN.

TREATMENT SUMMARY

HYDRAULIC HORSE POWER AVAILABLE 257

HHP. ON TBG. 257 CSG. MANIFOLDED ☐

INJECTION RATES: BPM.

TREATING ..... DISP. 2 - 2.8 AVERAGE 2.5

PRESSURES: PSI. BREAKDOWN FROM 5000 TO 3700

MIN. 1000 MAX. 5000 DISP. 3700

INSTANT SHUTDOWN 2400 5 MIN. 1400

VOLUMES: FLUID TO FILL HOLE ..... BBL.

1ST STAGE: TYPE MSA 2000 GAL.

2ND STAGE: TYPE ..... GAL. | 48 BBL.

3RD STAGE: TYPE ..... GAL.

4TH STAGE: TYPE ..... GAL.

FLUSH FLUID TYPE Mud 67 BBL.

TOTAL FLUID PUMPED INTO WELL: 135 BBL.

TREATING LOG

TIME	PRESSURES TUBING	PRESSURES CASING	VOLUME PUMPED (BBL.)	VOLUME IN FORMATION (BBL.)	RATE (BPM.)	REMARKS
9:00AM						Start recorder and pressure test lines.
10:32	1000		75			Set RTTS packer.
10:48	3000		75½	.5		Start squeezing.
11:04	5000	1000	80	5		Acid at perforations.
11:27	3700	1000	128	53	2.5	Instant shut down.
11:32	3700	900	135	60	2.5	Flush completed.

SUMMARY OF PLANNED PROGRAM

Mix 10 Bbls diesel and Morflo., followed with 2000 Gals MSA 10%. Follow that with 10 Bbl diesel and Morflo. Flush with mud.

HALLIBURTON OPERATOR B.A. Moon

COMPANY REPRESENTATIVE Don Barth

HOWCO 7075106

COPIES REQUESTED .....

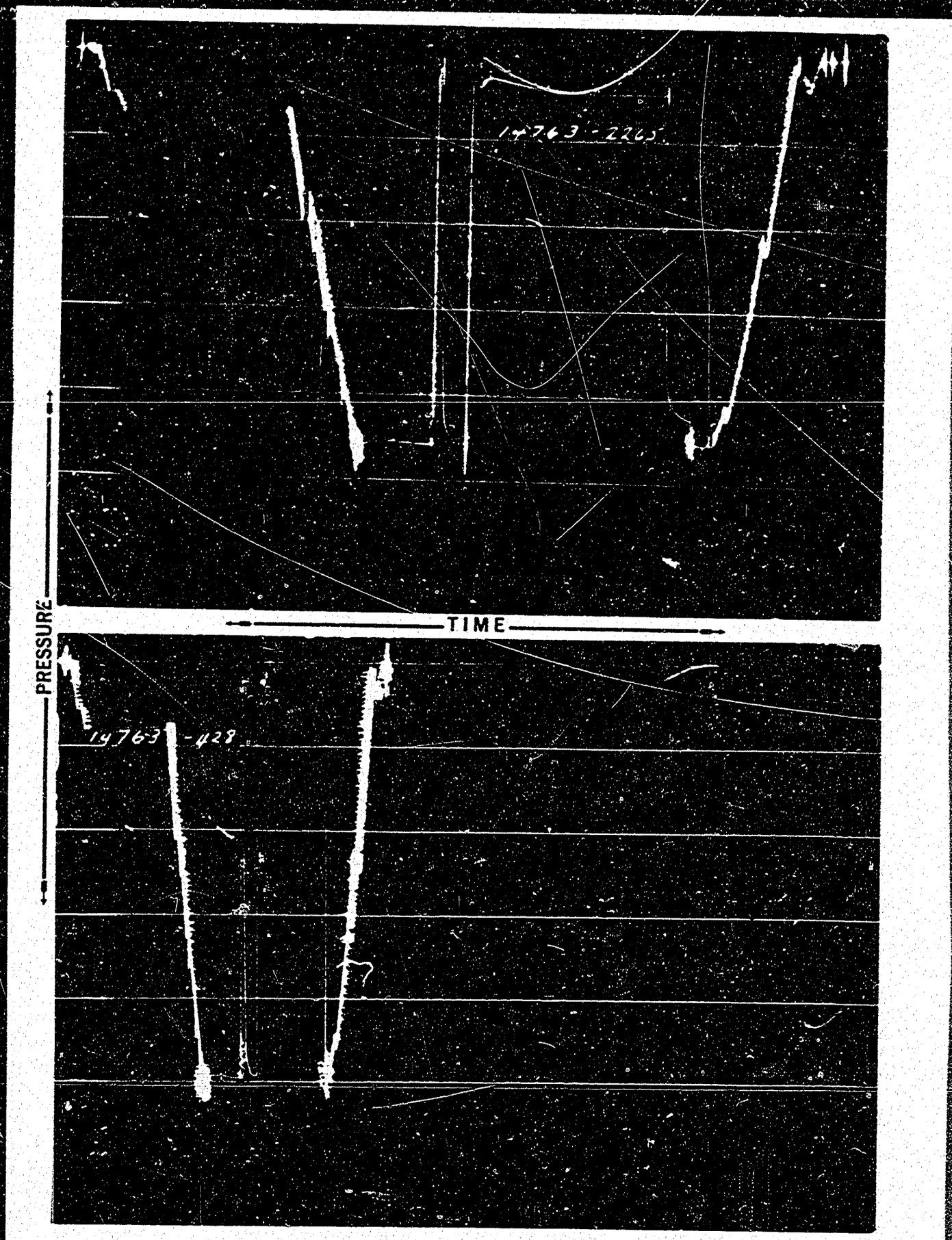
CHEMICAL SERVICE

COMPANY TEXACO EXPLORATION CO. (NPA) WELL J-72 FIELD BOVIE LAKE LSD ..... SEC ..... TWP ..... RGE ..... W .....

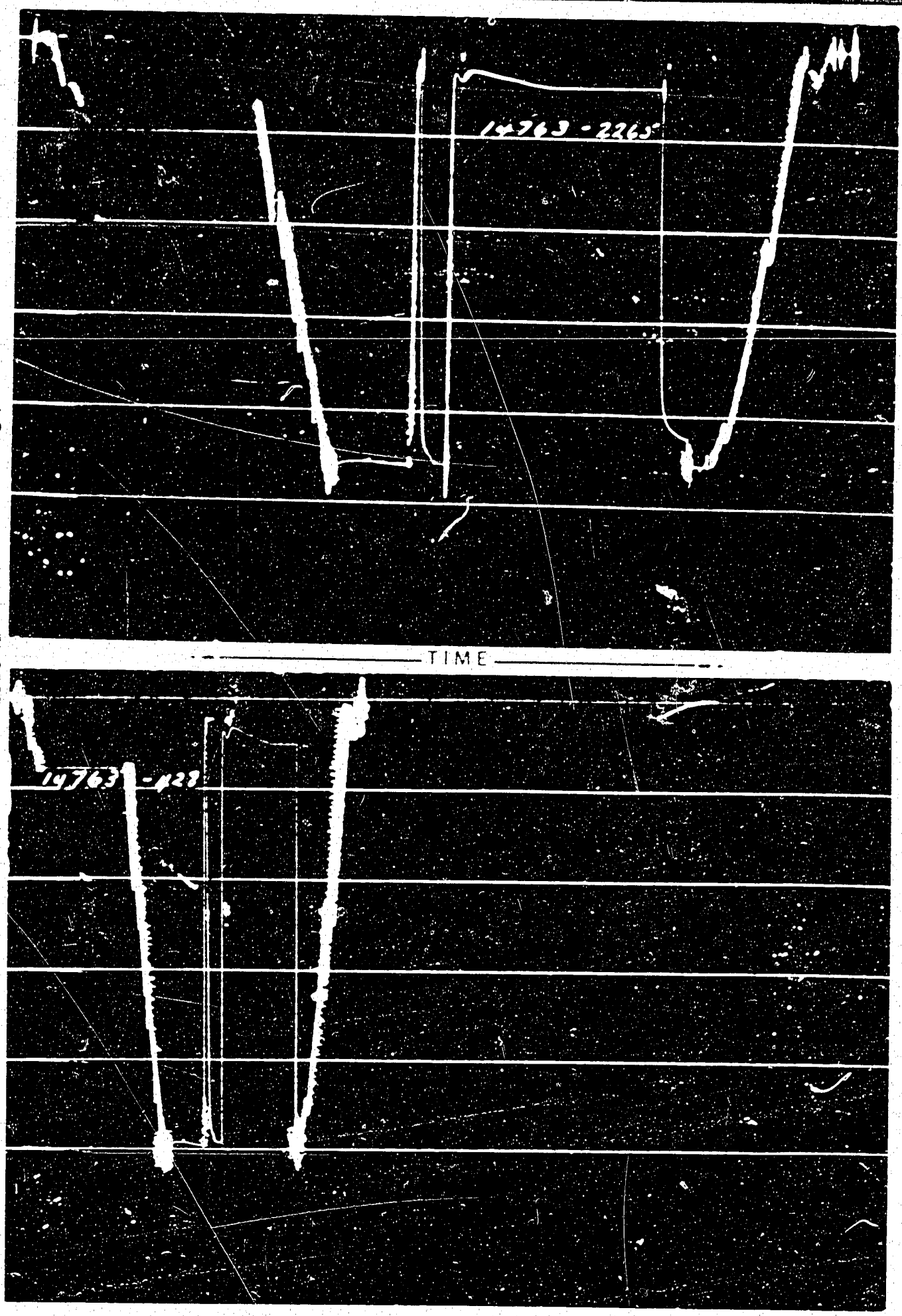
Halliburton

Your...

Formation Testing Service Report



Each Horizontal Line Equal to 1000 p.s.i.

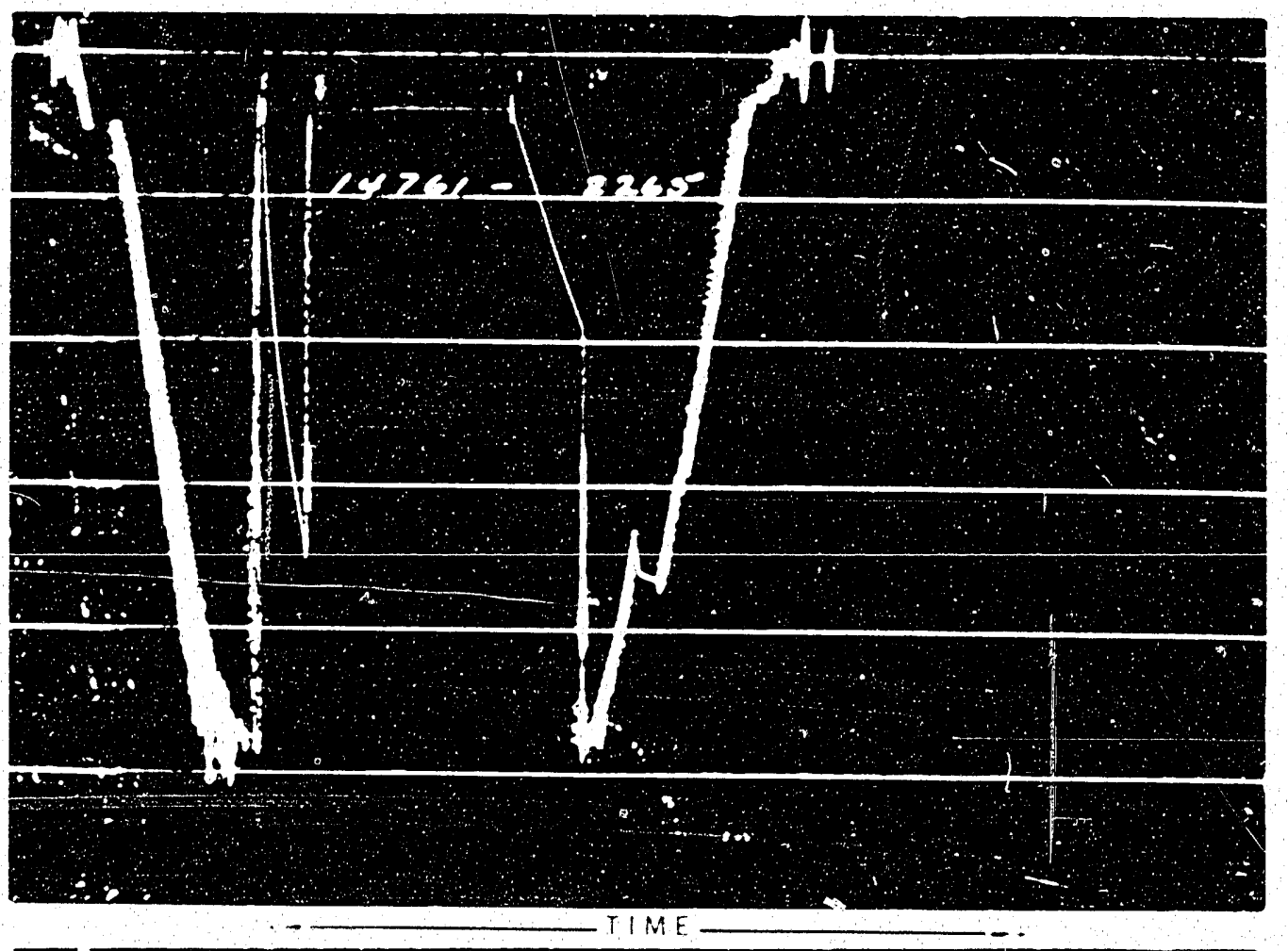


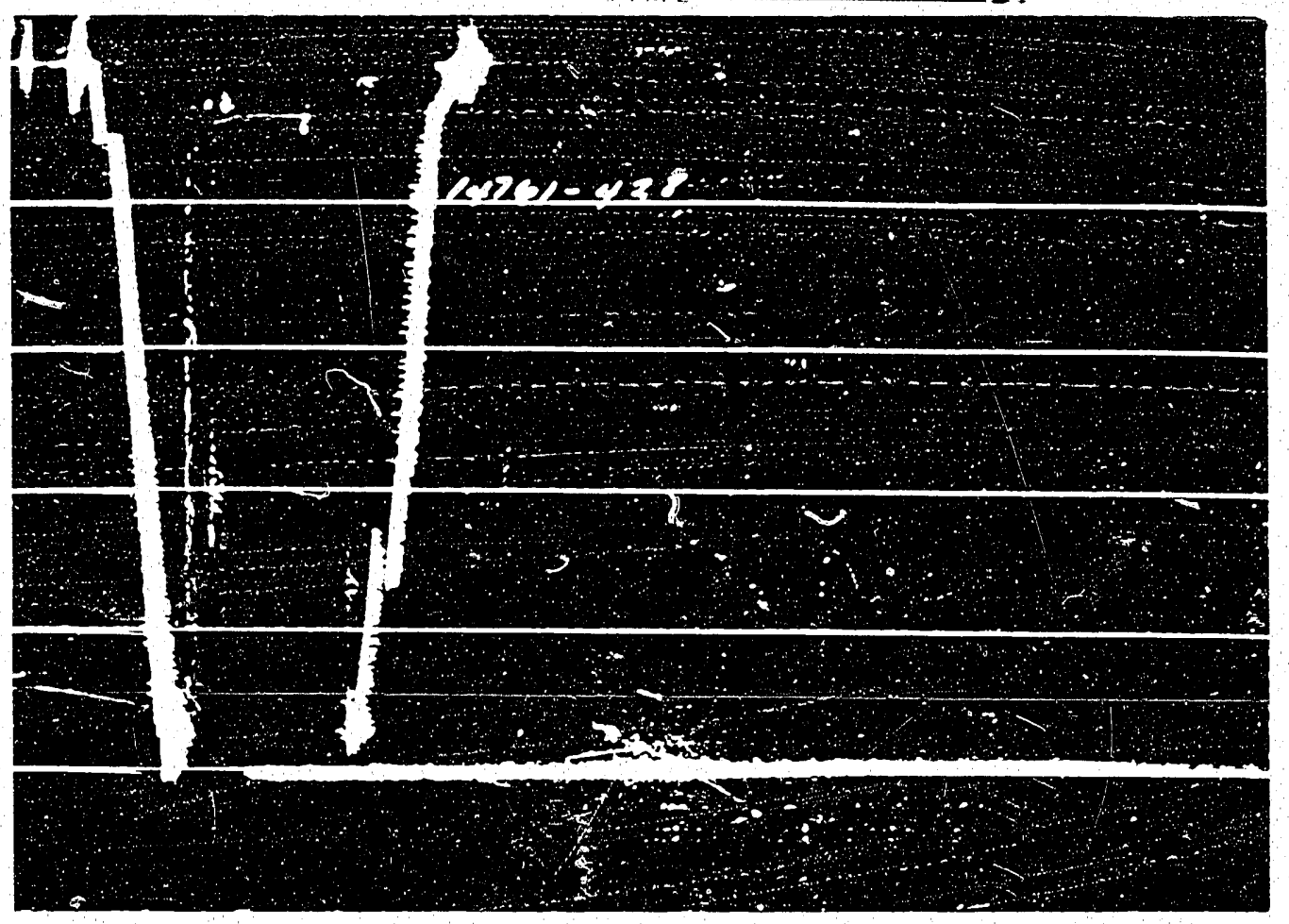
Each Horizontal Line Equal to 1000 p.s.i.

Halliburton

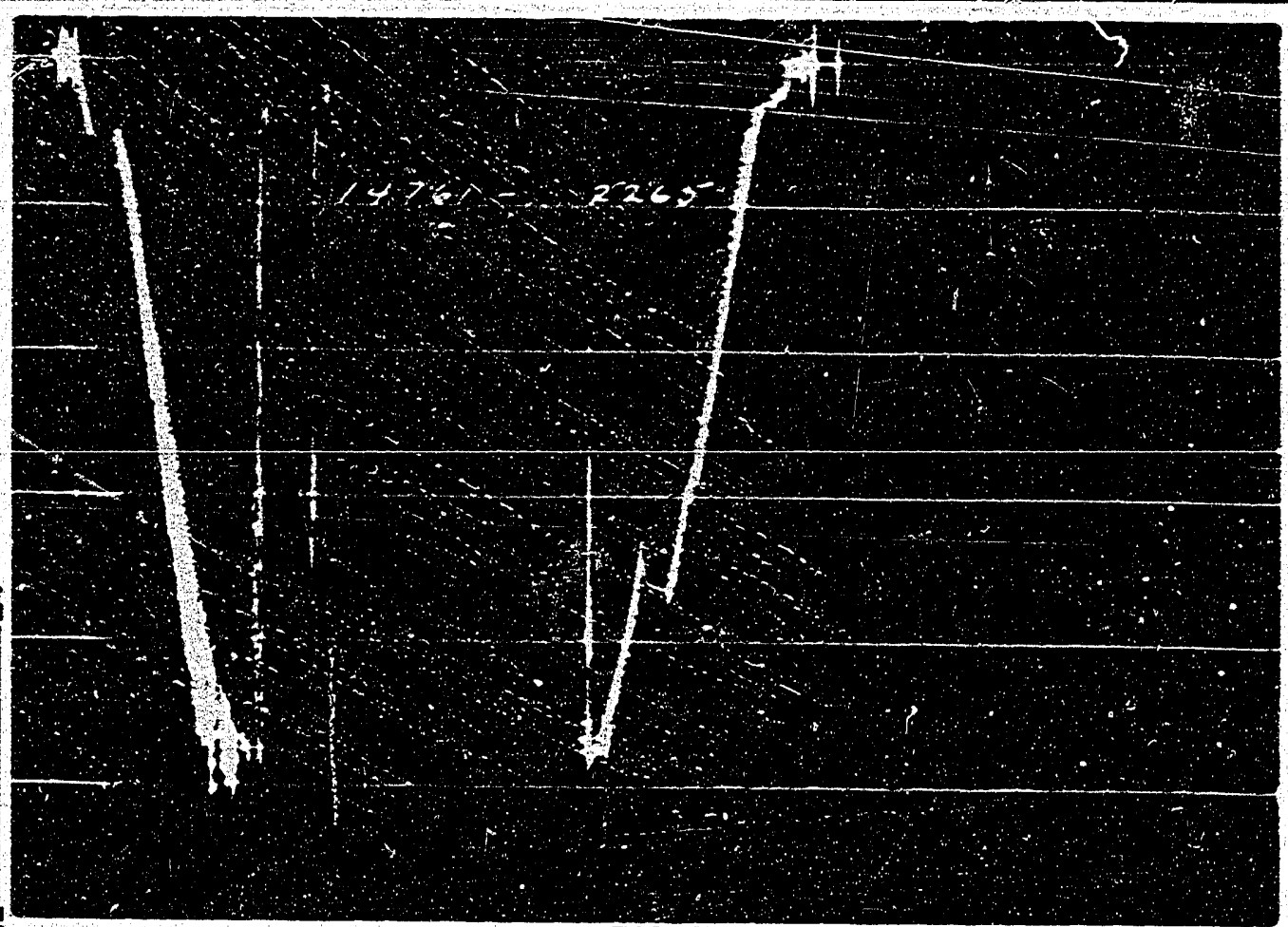
Your . . .

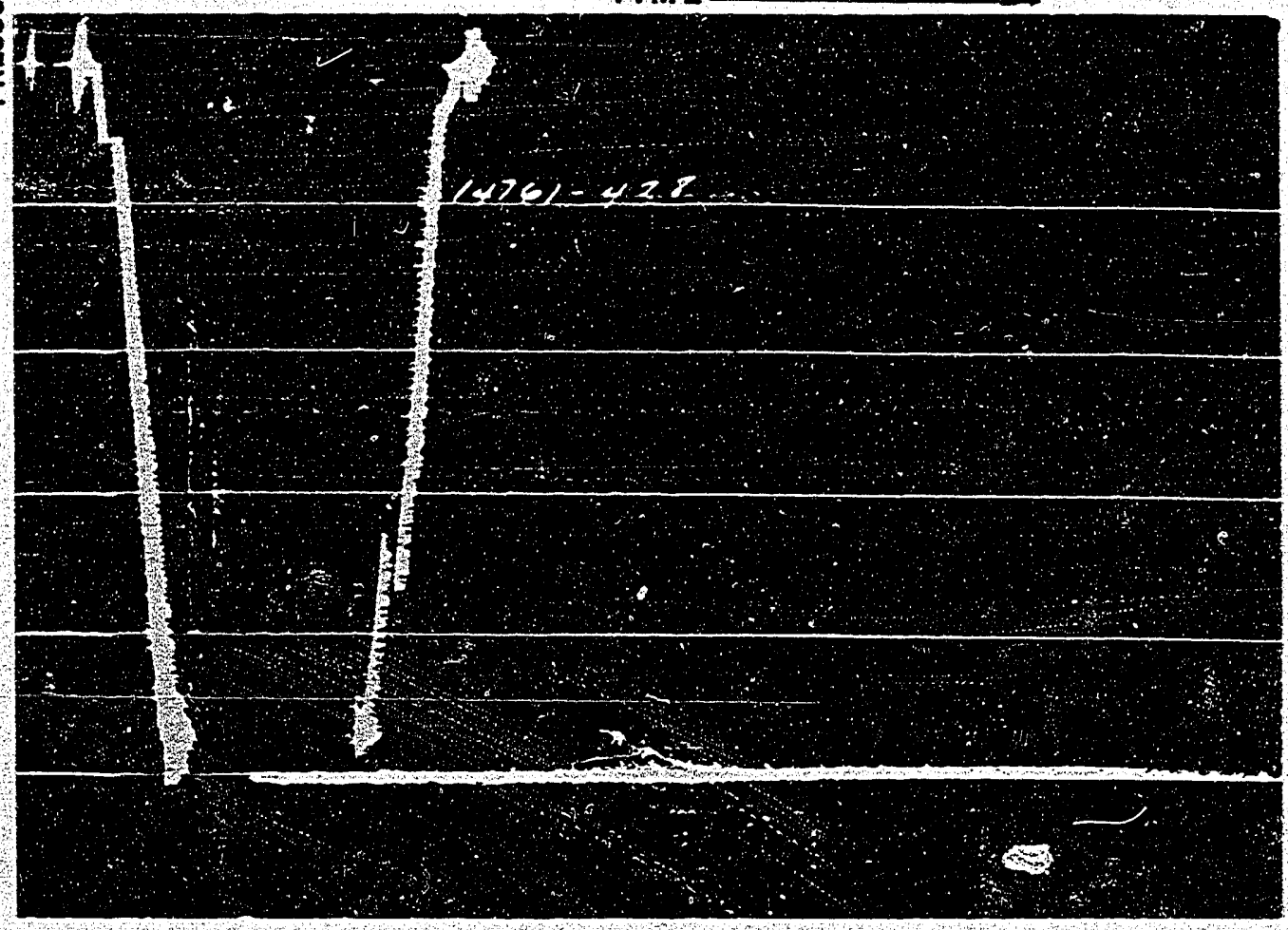
Formation Testing Service Report





Each Horizontal Line Equal to 1000 p.s.i.





Each Horizontal Line Equal to 1000 p.s.i.

Depth Top Gauge	9775 Ft.	Blanked Off	NO	Date	FEBRUARY 24, 1967
IT P.R.D. No.	2269		24 Hr. Clock	Ticket No.	T14761
				Kind of Job	BOTTOM HOLE TEST
				HOWCO District	FORT ST. JOHN
				Tester	D. IRVING
				Witness	D. BARTH
				Contractor	CASCADE DRILLING COMPANY LIMITED

Pressure Readings	Field	Office Corrected
Initial Hydro Mud Pressure	4739	4767
Initial Closed in Pressure	3357	3398
Initial Flow Pressure	454	447
Final Flow Pressure	400	397
Final Closed in Pressure	1909	1911
Final Hydro Mud Pressure	4737	4767

Depth Centre Gauge	Ft.	Blanked Off			
IT P.R.D. No.			Hr. Clock		

Pressure Readings	Field	Office Corrected
Initial Hydro Mud Pressure		
Initial Closed in Pressure		
Initial Flow Pressure		
Final Flow Pressure		
Final Closed in Pressure		
Final Hydro Mud Pressure		

Depth Bottom Gauge	9790 Ft.	Blanked Off	YES	Oil Recovery Degrees API	Water Recovery Specific Gravity
IT P.R.D. No.	428		48 Hr. Clock		

Pressure Readings	Field	Office Corrected
Initial Hydro Mud Pressure	4739	4778
Initial Closed in Pressure	3392	3415
Initial Flow Pressure	439	430
Final Flow Pressure	393	381
Final Closed in Pressure	1890	1910
Final Hydro Mud Pressure	4739	4778

Size Drill Pipe	3½ I.F.	ID and Length Drill Collars	2 7/8 EUE		
Anchor Size I.D. O.D.		Amount-Type of Cushion	DIESEL 1050'		
Gauge Depth	Temp. 350 °F meas. °F est.	Mud Weight	10	Mud Viscosity	38
All Depths Measured From	K.B.			No. Folders Reproduced	18

Time Periods (Minutes)

1st Flow	Initial CIP	2nd Flow	Final CIP
5	45	180	45

Recovered	1050	Feet of	DIESEL FUEL LAST 50'
Recovered		Feet of	SLIGHTLY MUDDY
Recovered		Feet of	
Recovered		Feet of	

REMARKS: VALVE OPEN WITH GOOD INITIAL BLOW.
OPEN FOR SECOND FLOW WITH WEAK AIR BLOW.
INCREASING DURING FLOW. GAS TO SURFACE IN
135 MINUTES. TOO SMALL TO MEASURE.

TEXACO EXPLORATION COMPANY

Lease Owner

Well No. J-72 Test No. 5

Lease Name

LEGAL DESCRIPTION 122 55' - 44.00 W.L. FIELD OR AREA BOVIE LAKE

Owner's District FORT ST. JOHN

PROVINCE NORTHWEST TERRITORIES

HCW-O 921012

DRILL STEM TEST DATA

HALLIBURTON TICKIT No. 14761

BT No. 2265 Depth 9775 24 Hr. Clock No. Temperature Corrected to 350 °F

	1st Flow Pressure		Initial CIP					2nd Flow Pressure		Final CIP				
	Time Delt. .000" T—P10	PSIG Temp. Corr	Time Delt. .000" Q	T - Q	T - Q / Q	PSIG Temp. Corr	PSIG 10⁶ (Gas)	Time Delt. 000 T—P10	PSIG Temp Corr	Time Delt. .000" Q	T - Q	T - Q / Q	PSIG Temp. Corr	PSIG 10⁶ (Gas)
P0	.000	411	.000			411		.000	447	.0000			397	
P1	.008	411	.014			1089		.061	432	.0225			566	
P2	.016	411	.028			1552		.122	411	.0450			726	
P3			.042			1925		483	404	.0675			884	
P4			.056			2211		244	390	.0900			1043	
P5			.068			2434		.305	390	.1125			1189	
P6			.084			2684		.366	395	.1350			1343	
P7			.098			2889		.427	395	.1575			1500	
P8			.112			3088		.488	395	.1800			1639	
P9			.126			3258		.549	395	.2025			1777	
P10			.140			3398		.610	397	.2250			1911	

BT No. 428 Depth 9790 48 Hr. Clock No. Temperature Corrected to 350 °F

	1st Flow Pressure		Initial CIP					2nd Flow Pressure		Final CIP				
	Time Delt. .000" T—P10	PSIG Temp. Corr	Time Delt. .000" Q	T - Q	T - Q / Q	PSIG Temp. Corr.	PSIG 10⁶ (Gas)	Time Delt. .000" T—P10	PSIG Temp. Corr.	Time Delt. .000" Q	T - Q	T - Q / Q	PSIG Temp. Corr	PSIG 10⁶ (Gas)
P0	.000	395	.000			395		.0000	430	.000			381	
P1	.003	395	.007			1882	**	.0305	414	.011			549	
P2	.006	395	.014			1887	**	.0610	388	.022			700	
P3			.021			2018		.0915	386	.033			847	
P4			.028			2676	**	.1220	377	.044			1021	
P5			.035			2681		.1525	377	.055			1180	
P6			.042			2708		.1830	379	.066			1309	
P7			.049			2919		.2135	379	.077			1469	
P8			.056			3117		.2440	381	.088			1612	
P9			.063			3301		.2745	381	.099			1751	
P10			.070			3415		.3050	381	.110			1910	

Intervals of Pressure Readings (Minutes): 1st Flow Pressure 2.5 Initial CIP 4.5 2nd Flow Pressure 18.0 Final CIP 4.5

Remarks: ** STAIR STEPPING

HOWCO 52107

PRESSURE DATA

Halliburton

Your . . .

Formation Testing Service Report

Depth Top Gauge	9775 Ft.	Blanked Off	NO
ST P.R.D. No.	2265		24 Hr. Clock

Pressure Readings	Field	Office Corrected
Initial Hydro Mud Pressure	4579	4600
Initial Closed in Pressure	4556	4585
Initial Flow Pressure	318	331
Final Flow Pressure	454	459
Final Closed in Pressure	4262	4262
Final Hydro Mud Pressure	4556	4555

Depth Centre Gauge	Ft.	Blanked Off	
ST P.R.D. No.			Hr. Clock

Pressure Readings	Field	Office Corrected
Initial Hydro Mud Pressure		
Initial Closed in Pressure		
Initial Flow Pressure		
Final Flow Pressure		
Final Closed in Pressure		
Final Hydro Mud Pressure		

Depth Bottom Gauge	9975 Ft.	Blanked Off	YES
ST P.R.D. No.	428		48 Hr. Clock

Pressure Readings	Field	Office Corrected
Initial Hydro Mud Pressure		4972
Initial Closed in Pressure		4944
Initial Flow Pressure		374
Final Flow Pressure	FLOW NOT COMPLETED	
Final Closed in Pressure	CLOCK STOPPED	
Final Hydro Mud Pressure		4935

Date	FEBRUARY 25, 1967	Ticket No.	T14763
Kind of Job	BOTTOM HOLE TEST	HOWCO District	FORT ST. JOHN
Tester	D. IRVING	Witness	D. BARTH
Contractor	CASCADE DRILLING COMPANY LIMITED		
K B Elevation		Top Packer Depth	
		Bottom Packer Depth	9785
Total Depth		Casing Perforations Top / Bottom	
Interval Tested	9852 - 9980	Formation Tested	
Casing or Hole Size	7"	Liner or Rathole Size	5"
Size Surface Choke	1"	Size Bottom Choke	5/8
		Size and Type Wall Packer	5" HOOK WALL
Size Drill Pipe	3½ I.F.	ID and Length Drill Collars	2 7/8 EUE
Anchor Size I.D. / O.D.		Amount-Type of Cushion	(NIL)
Gauge Depth	350 °F meas. / °F est. Temp.	Mud Weight	10
		Mud Viscosity	38
All Depths Measured From	K.B.	No. Folders Reproduced	18

Time Periods (Minutes)

1st Flow	Initial CIP	2nd Flow	Final CIP
6	45	300	45

Recovered	200	Feet of MUDDY DIESEL GAS CUT
Recovered	1000	Feet of ACID WATER GAS CUT
Recovered		Feet of
Recovered		Feet of

Oil Recovery Degrees API	Water Recovery Specific Gravity

REMARKS: VALVE OPEN WITH WEAK INITIAL BLOW. GETTING STRONGER DURING FLOW. GAS TO SURFACE IN 10 MINUTES.

MEASURED WITH PITOT TUBE AND MERCURY ON 2" RISER: 30 MINUTES .5 INS - 362 MCFD

60 MINUTES .65 INS - 410 MCFD

90 MINUTES .65 INS - 410 MCFD

MUDDY DIESEL CUSHION TO SURFACE IN 120 MINUTES CONTINUING THROUGHOUT TEST.

LEGAL DESCRIPTION 122-58I-44.00 W.L. | Lease Name | Well No. J-72

FIELD OR AREA BOVIE LAKE | Test No. 9 | Owner's District FORT ST. JOHN

PROVINCE NORTHWEST TERRITORIES | Lease Owner TEXACO EXPLORATION COMPANY

TEXACO BOVIE LAKE

HALLIBURTON TICKET No. 14763

BT No. 2265 Depth 9775 24 Hr. Clock No. Temperature Corrected to 350 °F

	1st Flow Pressure		Initial CIP					2nd Flow Pressure		Final CIP				
	Time Defl. .000" T—P10	PSIG Temp. Corr.	Time Defl. .000" Q	T - Q	T - Q / Q	PSIG Temp. Corr.	PSIG² /10⁶ (Gas)	Time Defl. .000 T—P10	PSIG Temp. Corr.	Time Defl. .000" Q	T - Q	T - Q / Q	PSIG Temp. Corr.	PSIG² /10⁶ (Gas)
P0	.000	247	.000			205		.000	311	.000			459	
P1	.009	185	.015			2420		.1005	299	.015			3097	
P2	.018	205	.030			3742		.2010	349	.030			3869	
P3			.045			4377		.3015	395	.045			4050	
P4			.060			4460		.4020	448	.060			4120	
P5			.075			4501		.5025	468	.075			4165	
P6			.090			4562		.6030	466	.090			4194	
P7			.105			4576		.7035	463	.105			4219	
P8			.120			4580		.8040	461	.120			4235	
P9			.135			4582		.9045	459	.135			4248	
P10			.150			4585		1.005	459	.150			4262	

BT No. 428 Depth 9975 48 Hr. Clock No. Temperature Corrected to 350 °F

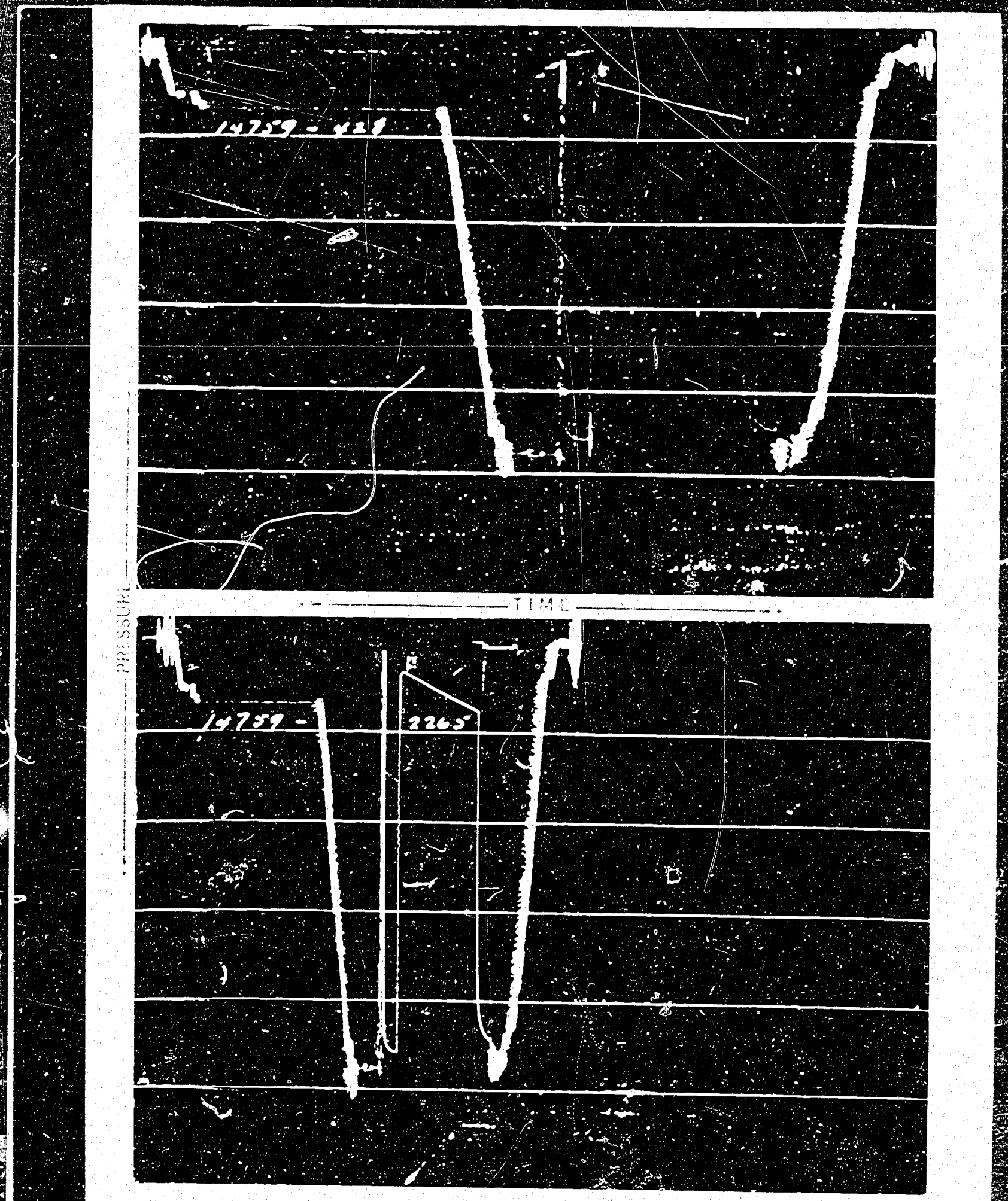
	1st Flow Pressure		Initial CIP					2nd Flow Pressure		Final CIP				
	Time Defl. .000" T—P10	PSIG Temp. Corr.	Time Defl. .000" Q	T - Q	T - Q / Q	PSIG Temp. Corr.	PSIG² /10⁶ (Gas)	Time Defl. .000" T—P10	PSIG Temp. Corr.	Time Defl. .000" Q	T - Q	T - Q / Q	PSIG Temp. Corr.	PSIG² /10⁶ (Gas)
P0	.000	228	.0000			235								
P1	.004	228	.0085			1562								
P2	.008	235	.0170			2771								
P3			.0255			4138								
P4			.0340			4762								
P5			.0425			4829								
P6			.0510			4897								
P7			.0595			4930								
P8			.0680			4937								
P9			.0765			4942								
P10			.0850			4944								

Intervals of Pressure Readings (Minutes): 1st Flow Pressure 3.0 Initial CIP 4.5 2nd Flow Pressure *30 Final CIP 4.5

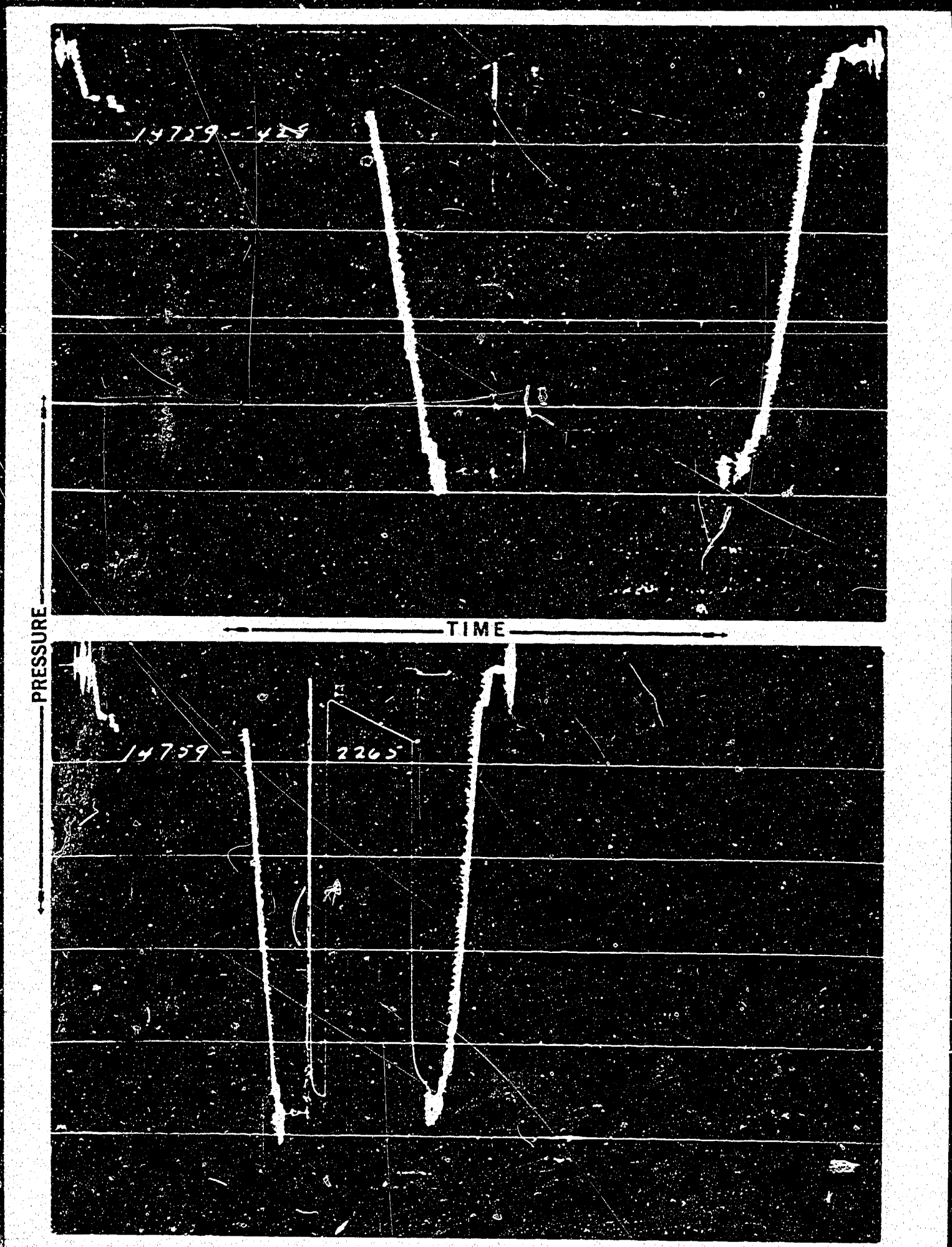
Remarks: * CLOCK STOPPED ON GAUGE #428 AFTER APPROXIMATELY 3 HOURS.

HOWCO 52107

PRESSURE DATA



Each Horizontal Line Equal to 1000 p.s.i.



Each Horizontal Line Equal to 1000 p.s.i.

Depth Top Gauge	9965 Ft.	Blanked Off	NO
BT P.R.D. No.	428		24 Hr. Clock

Pressure Readings	Field	Office Corrected
Initial Hydro Mud Pressure	4762	4759
Initial Closed in Pressure	4575	4600
Initial Flow Pressure	447	344
Final Flow Pressure	763	765
Final Closed in Pressure	4460	4460
Final Hydro Mud Pressure	4762	4769

Depth Centre Gauge	Ft.	Blanked Off	
BT P.R.D. No.			Hr. Clock

Pressure Readings	Field	Office Corrected
Initial Hydro Mud Pressure		
Initial Closed in Pressure		
Initial Flow Pressure		
Final Flow Pressure		
Final Closed in Pressure		
Final Hydro Mud Pressure		

Depth Bottom Gauge	9980 Ft.	Blanked Off	YES
BT P.R.D. No.	2265		48 Hr. Clock

Pressure Readings	Field	Office Corrected
Initial Hydro Mud Pressure	4764	4772
Initial Closed in Pressure	4579	4596
Initial Flow Pressure	363	384
Final Flow Pressure	772	781
Final Closed in Pressure	4443	4451
Final Hydro Mud Pressure	4764	4763

Date	FEBRUARY 23, 1967	Ticket No.	T14756
Kind of Job	BOTTOM HOLE TEST	HOWCO District	FORT ST. JOHN
Tester	D. IRVING	Witness	D. BARTH
Contractor	CASCADE DRILLING COMPANY LIMITED		
K B Elevation		Top Packer Depth	Bottom Packer Depth 9973
Total Depth		Casing Perforations Top / Bottom	
Interval Tested	10024 - 10067	Formation Tested	
Casing or Hole Size	7"	Liner or Rathole Size	5"
Size Surface Choke	"	Size Bottom Choke	5/8 Size and Type Wall Packer 5" Hook Wall
Size Drill Pipe	3½ I.F.	ID and Length Drill Collars	2 7/8 E.U.E.
Anchor Size I.D. / O.D.		Amount-Type of Cushion	1050 DIESEL CUSHION
Gauge Depth	350	Temp °F meas. / °F est.	Mud Weight 10 Mud Viscosity 38
All Depths Measured From	K.B.		No. Folders Reproduced 18

Time Periods (Minutes): 1st Flow 4 | Initial CIP 45 | 2nd Flow 240 | Final CIP 45

Recovered	1050	Feet of	GAS CUT DIESEL
Recovered	200'	Feet of	SLIGHTLY MUDDY
Recovered	940	Feet of	SLIGHTLY ACID AND
Recovered		Feet of	SALTY VERY GAS CUT
Recovered		Feet of	WATER
Oil Recovery Degrees API		Water Recovery Specific Gravity	

REMARKS: VALVE OPEN WITH GOOD INITIAL BLOW.
OPEN FOR SECOND FLOW WITH WEAK AIR BLOW,
INCREASING. GAS TO SURFACE IN 45 MINUTES.
TOO SMALL TO MEASURE.

LEGAL DESCRIPTION 122-55 44.00 W.L. | Lease Name BOVIE LAKE | Well No. J-72 | Test No. 7 | Field or Area BOVIE LAKE | Owner's District FORT ST. JOHN | Lease Owner TEXACO EXPLORATION COMPANY | Province NORTH WEST TERRITORY

HALLIBURTON TICKET No. 14759

BT No. 42** Depth 9965 24 Hr. Clock No. Temperature Corrected to 350 °F

	1st Flow Pressure		Initial CIP					2nd Flow Pressure		Final CIP				
	Time Defl. .000" T—P10	PSIG Temp. Corr	Time Defl .000" Q	T + Q	T + Q / Q	PSIG Temp. Corr	PSIG² /10⁶ Gas	Time Defl. 000 T—P10	PSIG Temp Corr	Time Defl .000" Q	T + Q	T + Q / Q	PSIG Temp Corr	PSIG² /10⁶ Gas
P0			.000			237		.0000	344	.000			765	
P1			.015			4458	*	.0795	365	.016			4114	*
P2			.030			4458		.1590	412	.032			4119	*
P3			.045			4514		.2385	456	.048			3415	*
P4			.060			4551		.3180	505	.064			4320	
P5			.075			4570		.3975	549	.080			4367	
P6			.090			4582		.4770	395	.096			4397	
P7			.105			4589		.5565	637	.112			4407	
P8			.120			4593		.6360	679	.128			4437	
P9			.135			4598		.7155	723	.144			4453	
P10			.150			4600		.7950	765	.160			4460	

BT No. 2265 Depth 9980 48 Hr. Clock No. Temperature Corrected to 350 °F

	1st Flow Pressure		Initial CIP					2nd Flow Pressure		Final CIP				
	Time Defl. .000" T—P10	PSIG Temp. Corr	Time Defl .000" Q	T + Q	T + Q / Q	PSIG Temp. Corr	PSIG² /10⁶ Gas	Time Defl. .000" T—P10	PSIG Temp. Corr	Time Defl .000" Q	T + Q	T + Q / Q	PSIG Temp. Corr	PSIG² /10⁶ Gas
P0	.000	347	.0000			347		.0000	384	.000			781	
P1	.004	347	.0075			3805		.0395	381	.008			3781	
P2	.008	347	.0150			4422		.0790	425	.016			4070	
P3			.0225			4494		.1185	473	.024			4237	
P4			.0300			4537		.1580	518	.032			4298	
P5			.0375			4560		.1975	564	.040			4350	
P6			.0450			4573		.2370	610	.048			4384	
P7			.0525			4582		.2765	651	.056			4409	
P8			.0600			4589		.3160	694	.064			4429	
P9			.0675			4594		.3555	735	.072			4442	
P10			.0750			4596		.3950	781	.080			4451	

Intervals of Pressure Readings (Minutes): 1st Flow Pressure 2.0* Initial CIP 4.5** 2nd Flow Pressure 24.0 Final CIP 4.5**

Remarks: * NOT READABLE ** STAIR STEPPING CURVES.

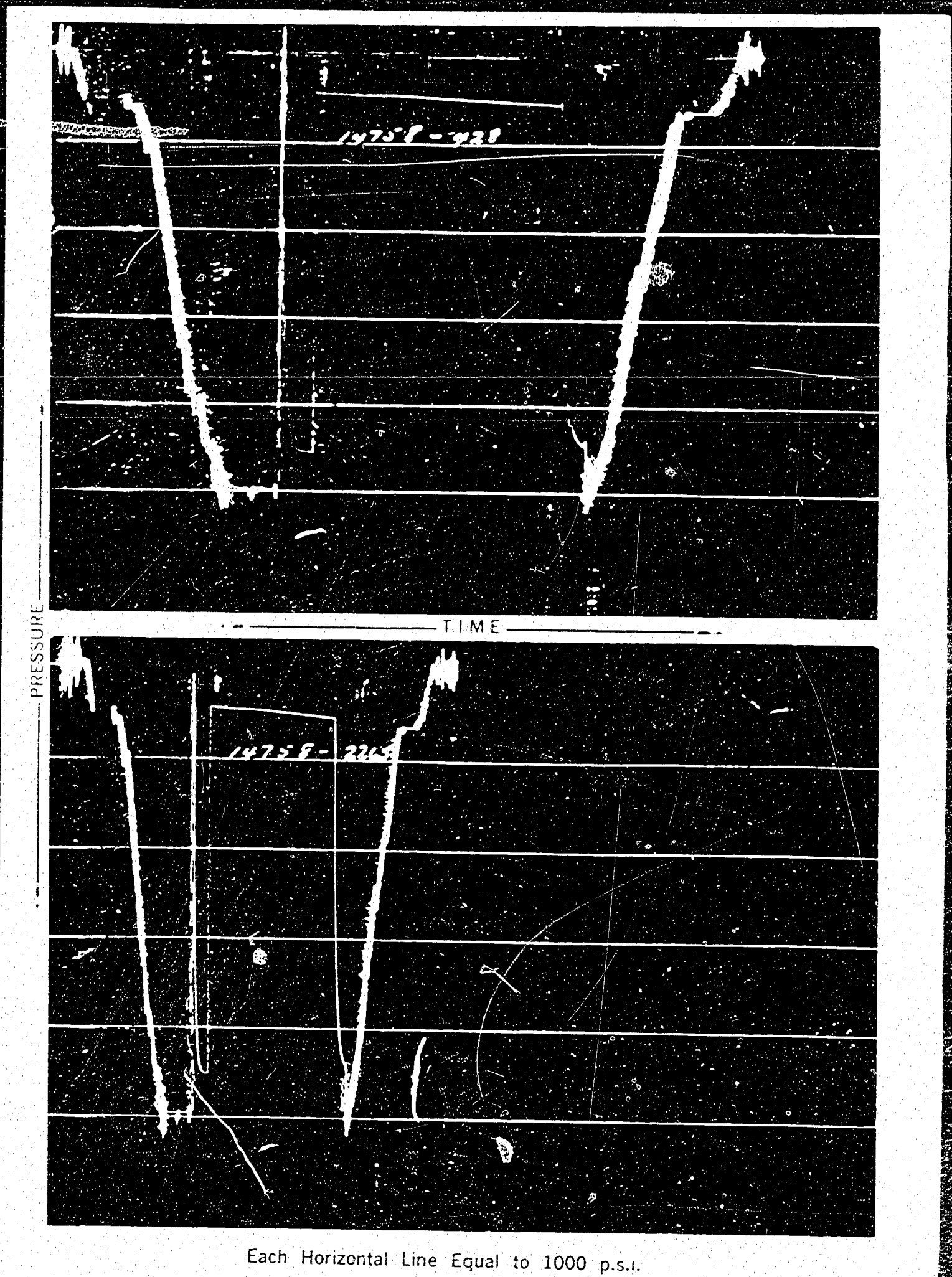
HOWCO 52107

PRESSURE DATA

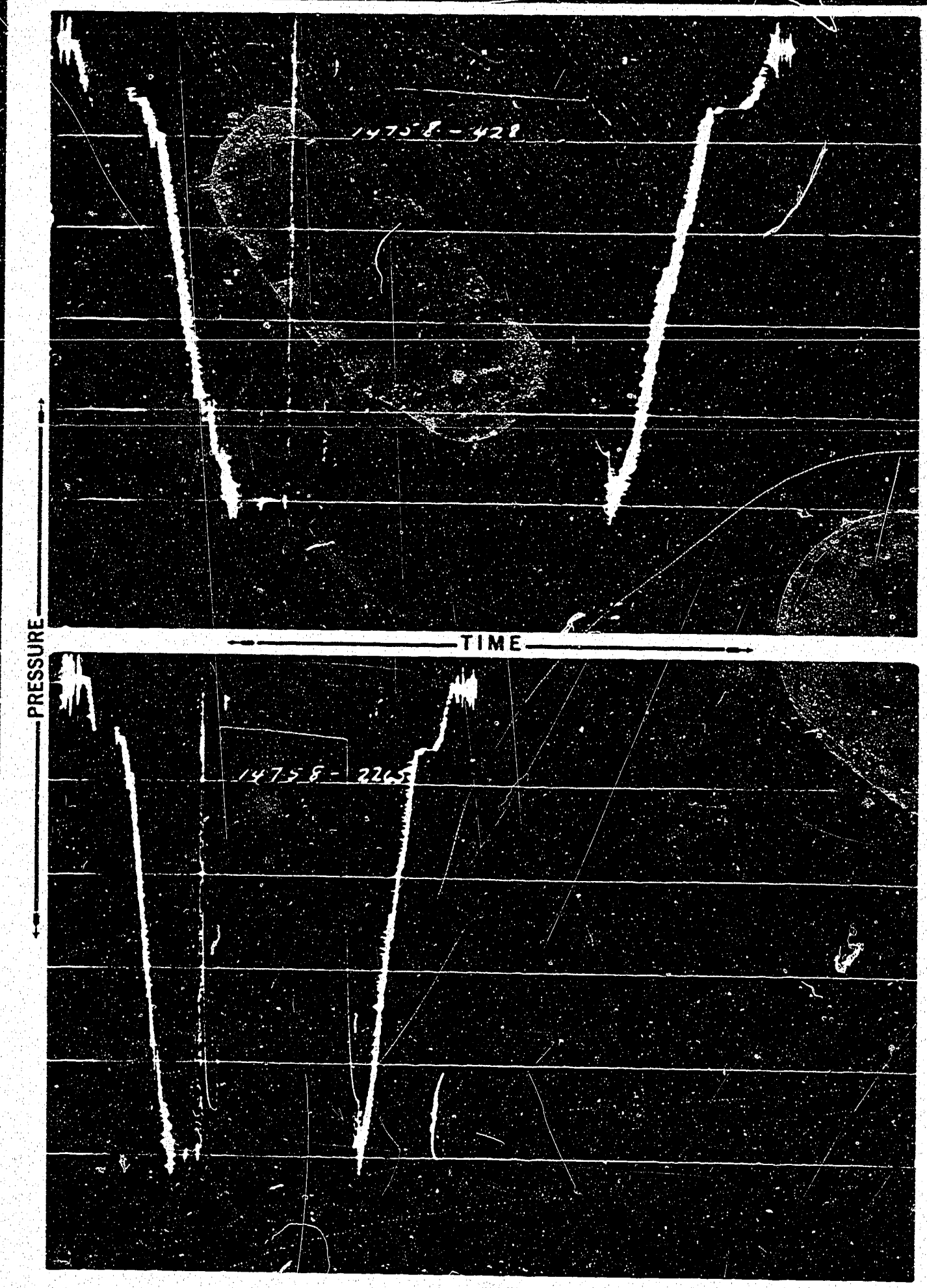
Halliburton

Your...

Formation Testing Service Report



Each Horizontal Line Equal to 1000 p.s.i.



Each Horizontal Line Equal to 1000 p.s.i.

Depth Top Gauge	9965 Ft.	Blanked Off	NO
BT P.R.D. No.	42[illegible]		24 Hr. Clock

Pressure Readings	Field	Office Corrected
Initial Hydro Mud Pressure	4941	4991
Initial Closed in Pressure	4511	4558
Initial Flow Pressure	431	442
Final Flow Pressure	545	556
Final Closed in Pressure	439[illegible]	4465
Final Hydro Mud Pressure	4895	4991

Depth Centre Gauge	Ft.	Blanked Off	
BT P.R.D. No.			Hr. Clock

Pressure Readings	Field	Office Corrected
Initial Hydro Mud Pressure		
Initial Closed in Pressure		
Initial Flow Pressure		
Final Flow Pressure		
Final Closed in Pressure		
Final Hydro Mud Pressure		

Depth Bottom Gauge	9983 Ft.	Blanked Off	YES
BT P.R.D. No.	2265		48 Hr. Clock

Pressure Readings	Field	Office Corrected
Initial Hydro Mud Pressure	4972	4966
Initial Closed in Pressure	4553	4528
Initial Flow Pressure	463	443
Final Flow Pressure	560	548
Final Closed in Pressure	4432	4420
Final Hydro Mud Pressure	4925	4966

Date	FEBRUARY 21, 1957	Ticket No.	T14758
Kind of Job	BOTTOM HOLE TEST	HOWCO District	FORT ST. JOHN
Tester	D. IRVING	Witness	D. BARTH
Contractor	CASCADE DRILLING COMPANY LIMITED		

K B Elevation		Top Packer Depth	Bottom Packer Depth 9973
Total Depth		Casing Perforations	Top / Bottom
Interval Tested	10024 - 10067	Formation Tested	
Casing or Hole Size	7"	Liner or Rathole Size	5"
Size Surface Choke	2"	Size Bottom Choke	5/8 Size and Type Wall Packer 5" HOOK WALL
Size Drill Pipe	3½ I.F.	ID and Length Drill Collars	2 7/8 x E.U.E
Anchor I.D. Size O.D.		Amount-Type of Cushion	1050 FT. DIESEL
Gauge Depth	354 Temp °F meas. °F est.	Mud Weight	10 Mud Viscosity 38
All Depths Measured From	K.B.	No. Folders Reproduced	1

Time Periods (Minutes)
1st Flow 4 Initial CIP 45 2nd Flow 360 Final CIP 45

Recovered 1050 Feet of GAS CUT DIESEL

Recovered 370 Feet of GAS CUT MUD, VERY SALTY

Recovered Feet of

Recovered Feet of

Oil Recovery Degrees API

Water Recovery Specific Gravity

REMARKS: VALVE OPEN WITH GOOD INITIAL BLOW. WEAK TO MODERATE AIR BLOW. VERY WEAK ON 2nd OPENING FOR A PERIOD OF 2½ HOURS THEN DIED. BLOW STARTED AGAIN AND BECAME MODERATE TO STRONG. GAS TO SURFACE IN 4 HOURS. TOO SMALL TO MEASURE. TOOL WAS NOT PLUGGED.

LEGAL DESCRIPTION 122 - 5E 44.00 W.L. Well No. J-72 Lease Name TEXACO BOYLE LAKE

FIELD OR AREA BOYLE LAKE Test No. 6 Owner's District FORT ST. JOHN

PROVINCE NORTH WEST TERRITORY Lease Owner TEXACO EXPLORATION COMPANY

HOWCO 521012

DRILL STEM TEST DATA

HALLIBURTON TICKET No. 14758

DST No. 42 Depth 9968 24 Hr. Clock No. Temperature Corrected to 354 °F

	1st Flow Pressure		Initial CIP					2nd Flow Pressure		Final CIP				
	Time Delt. .000" T—P10	PSIG Temp. Corr.	Time Delt. .000" Q	T + Θ	T + Θ / Θ	PSIG Temp. Corr.	PSIG ·10⁶ (Gas)	Time Delt. .000 T—P10	PSIG Temp. Corr.	Time Delt. .000" Q	T + Θ	T + Θ / Θ	PSIG Temp. Corr.	PSIG ·10⁶ (Gas)
P0	.000	426	.000			426		.000	442	.0000			556	
P1	.008	426	.015			3613		.121	456	.0135			2815	
P2	.016	426	.030			4056		.242	463	.0270			3340	
P3			.045			4343		.363	465	.0405			3762	
P4			.060			4463		.484	477	.0540			3991	
P5			.075			4516		.605	488	.0675			4224	
P6			.090			4540		.726	502	.0810			4285	
P7			.105			4549		.847	512	.0945			4362	
P8			.120			4554		.968	528	.1080			4414	
P9			.135			4556		1.089	432	.1215			4449	
P10			.150			4558		1.210	556	.1350			4465	

DST No. 2265 Depth 9983 48 Hr. Clock No. Temperature Corrected to 354 °F

	1st Flow Pressure		Initial CIP					2nd Flow Pressure		Final CIP				
	Time Delt. .000" T—P10	PSIG Temp. Corr.	Time Delt. .000" Q	T + Θ	T + Θ / Θ	PSIG Temp. Corr.	PSIG ·10⁶ (Gas)	Time Delt. .000" T—P10	PSIG Temp. Corr.	Time Delt. .000" Q	T + Θ	T + Θ / Θ	PSIG Temp. Corr.	PSIG ·10⁶ (Gas)
P0	.000	420	.0000			425		.0000	443	.000			548	
P1	.004	422	.0075			2700		.0605	452	.007			1750	
P2	.008	425	.0150			3586		.1210	459	.014			2661	
P3			.0225			4047		.1815	463	.021			3210	
P4			.0300			4300		.2420	470	.028			3602	
P5			.0375			4445		.3025	482	.035			3939	
P6			.0450			4490		.3630	495	.042			4111	
P7			.0525			4512		.4235	507	.049			4255	
P8			.0600			4521		.4840	521	.056			4327	
P9			.0675			4526		.5445	534	.063			4384	
P10			.0750			.4528		.6050	548	.070			4420	

Intervals of Pressure Readings (Minutes): 1st Flow Pressure 2.0 Initial CIP 4.5 2nd Flow Pressure 36.0 Final CIP 4.5

Remarks:

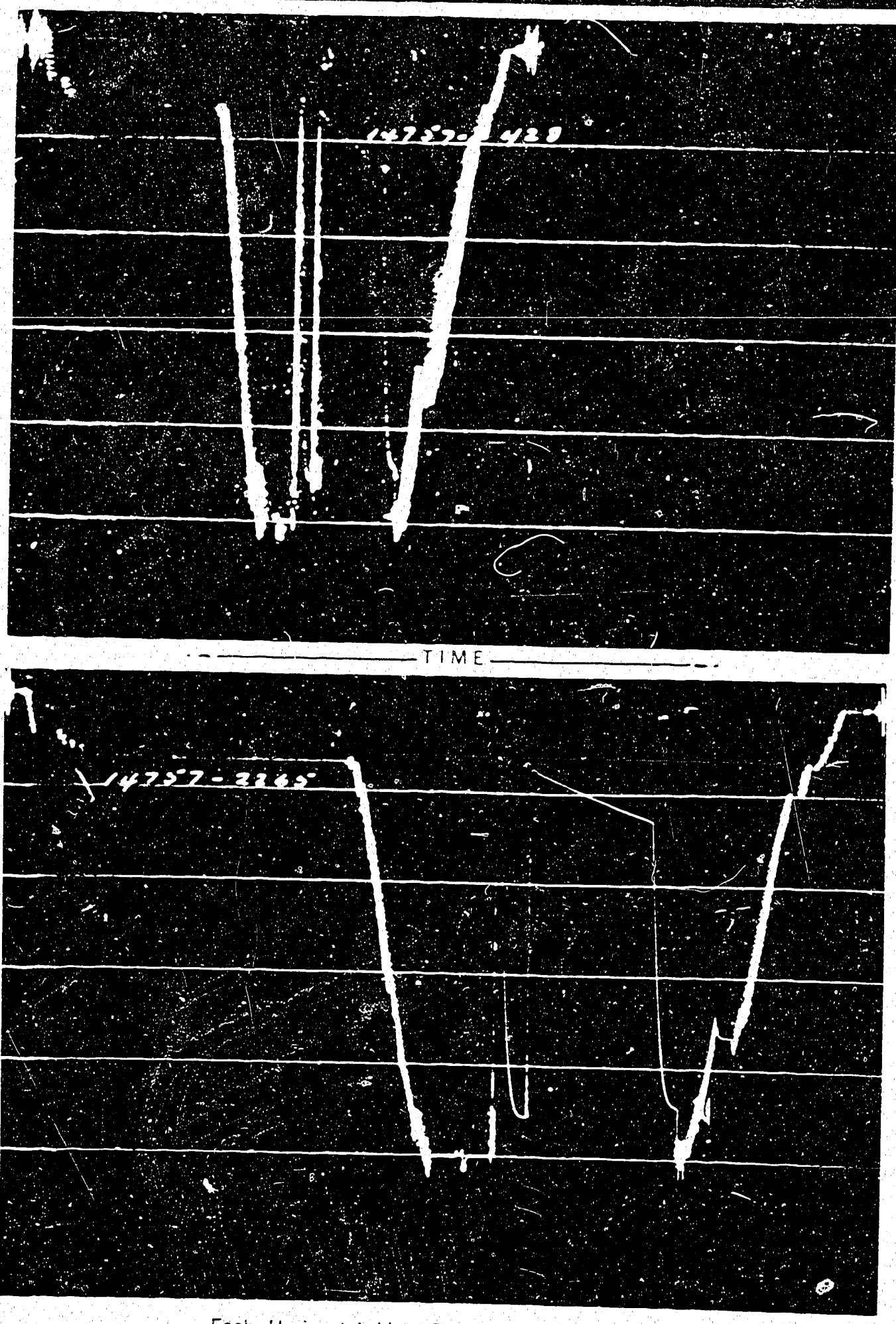
HOWCO 52107

PRESSURE DATA

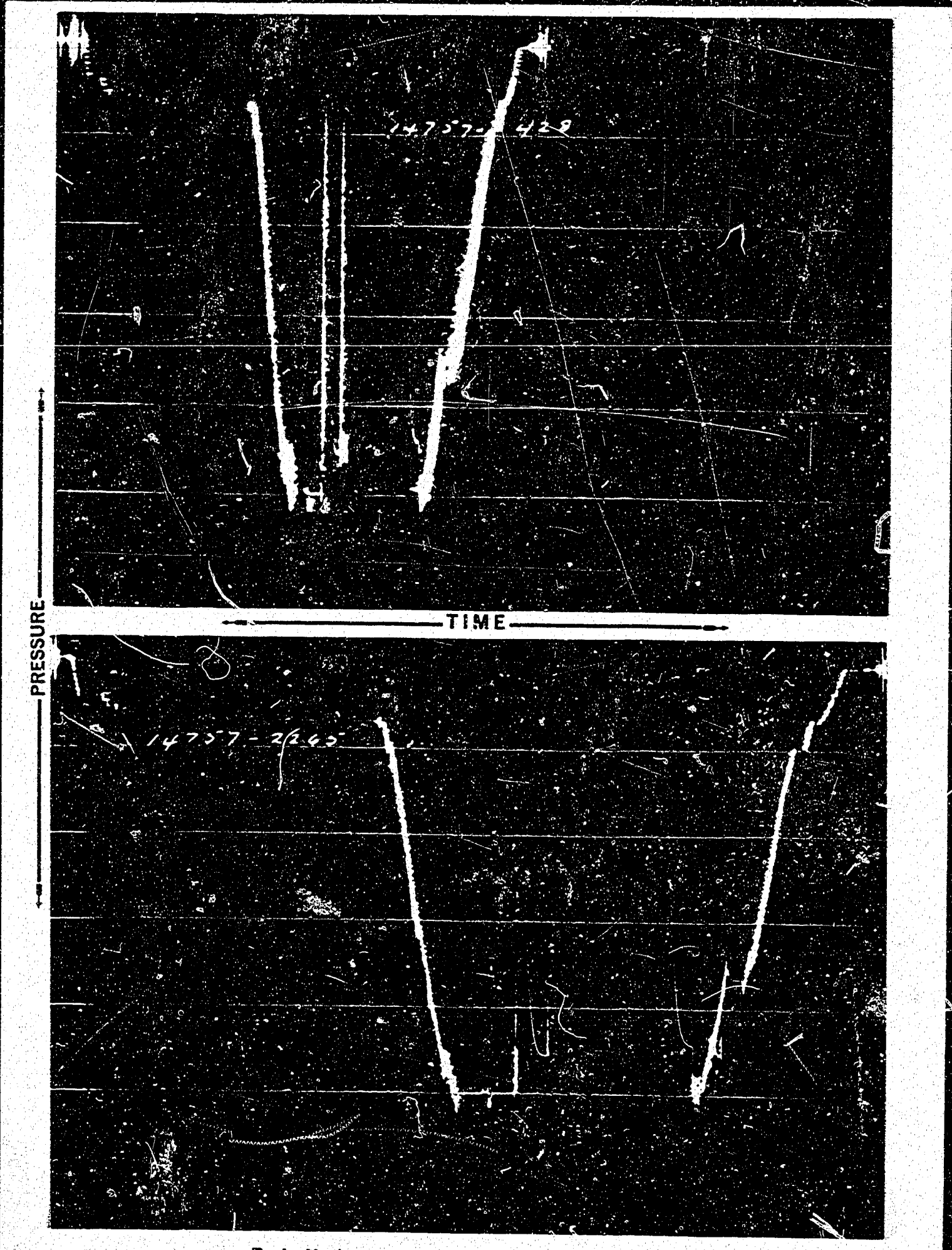
Halliburton

Your . . .

Formation Testing Service Report



Each Horizontal Line Equal to 1000 p.s.i.



Each Horizontal Line Equal to 1000 p.s.i.

Depth Top Gauge	9986 Ft.	Blanked Off	NO
BT P.R.D. No.	42[illegible]		4[illegible] Hr. Clock

Pressure Readings	Field	Office Corrected
Initial Hydro Mud Pressure	4972	5012
Initial Closed in Pressure	4530	4573
Initial Flow Pressure	717	719
Final Flow Pressure	117[illegible]	1296
Final Closed in Pressure	4414	4443
Final Hydro Mud Pressure	4[illegible]55	49[illegible]1

Depth Centre Gauge	Ft.	Blanked Off	
BT P.R.D. No.			Hr. Clock

Pressure Readings	Field	Office Corrected
Initial Hydro Mud Pressure		
Initial Closed in Pressure		
Initial Flow Pressure		
Final Flow Pressure		
Final Closed in Pressure		
Final Hydro Mud Pressure		

Depth Bottom Gauge	9983 Ft.	Blanked Off	YES
BT P.R.D. No.	2265		24 Hr. Clock

Pressure Readings	Field	Office Corrected
Initial Hydro Mud Pressure	5009	5023
Initial Closed in Pressure	4579	4582
Initial Flow Pressure	727	744
Final Flow Pressure	1295	1314
Final Closed in Pressure	4307	4447
Final Hydro Mud Pressure	4963	5009

Date	FEBRUARY 15, 1967	Ticket No.	T14757
Kind of Job	BOTTOM HOLE TEST	Howco District	FORT ST. JOHN
Tester	D. IRVING	Witness	P. BARTH
Contractor	CASCADE DRILLING COMPANY LIMITED		

K B Elevation		Top Packer Depth	Bottom Packer Depth 10104
Total Depth	10109	Casing Perforations Top / Bottom	
Interval Tested	10104 - 10109	Formation Tested	
Casing or Hole Size	5"	Liner or Rathole Size	5"
Size Surface Choke	3/4	Size Bottom Choke	5/8 Size and Type Well Packer 5" HOOK WALL
Size Drill Pipe	3½ I.F.	ID and Length Drill Collars	2 7/8 E.U.E.
Anchor I.D. / Size O.D.		Amount-Type of Cushion	1023 FT. DIESEL
Gauge Depth Temp.	358 °F meas. / °F cct.	Mud Weight	10 Mud Viscosity 38
All Depths Measured From	K.B.		No. Folders Reproduced 18

Time Periods (Minutes)
1st Flow 4 Initial CIP 45 2nd Flow 180 Final CIP 45

Recovered 1023 Feet of GAS CUT MUD

Recovered 800 Feet of GAS CUT DIESEL

Recovered 180 Feet of GAS CUT DIESEL MUD & WATER

Recovered 790 Feet of GAS CUT ACID & SALT WATER

Oil Recovery Degrees API | Water Recovery Specific Gravity 1.083

REMARKS: VALVE OPEN WITH GOOD INITIAL BLOW.
OPEN FOR SECOND FLOW WITH WEAK AIR BLOW.
DEAD IN 60 MINUTES OF FLOW PERIOD.
MUD DROPPED 5 TO 6 FT. WHILE HEADING UP
AND ALSO DROPPED WHEN TOOL WAS SET.

LEGAL DESCRIPTION 122 58 44.00 W.L. | Well No. J-72 | Test No. 5

FIELD OR AREA HOWE LAKE | Owner's District FORT ST. JOHN

PROVINCE NORTH WEST TERRITORY | Lease Owner TEXACO EXPLORATION COMPANY

Lease Name TEXACO HOWE LAKE

HOWCO 521012

DRILL STEM TEST DATA

HALLIBURTON TICKET No. 14757

BT No. 42[illegible] Depth 996[illegible] 48 Hr. Clock No. Temperature Corrected to 358 °F

	1st Flow Pressure		Initial CIP					2nd Flow Pressure		Final CIP				
	Time Defl. .000" T—P10	PSIG Temp. Corr.	Time Defl .000" Q	T + Θ	T + Θ / Θ	PSIG Temp. Corr.	PSIG² 10⁶ (Gas)	Time Defl. .000 T—P10	PSIG Temp. Corr.	Time Defl .000" Q	T + Θ	T + Θ / Θ	PSIG Temp. Corr.	PSIG² 10⁶ (Gas)
P0	.000	591	.0000			556		.000	719	.000			1296	
P1	.004	598	.0075			2539		.030	793	.007			2512	
P2	.008	586	.0150			3338		.060	851	.014			3135	
P3			.0225			3825		.090	914	.021			3590	
P4			.0300			4145		.120	977	.028			3900	
P5			.0375			4368		.150	1037	.035			4184	
P6			.0450			4506		.180	1090	.042			4322	
P7			.0525			4543		.210	1145	.049			4380	
P8			.0600			4562		.240	1199	.056			4415	
P9			.0675			4571		.270	1247	.063			4431	
P10			.0750			4573		.300	1296	.070			4443	

BT No. 2265 Depth 9983 24 Hr. Clock No. Temperature Corrected to 358 °F

	1st Flow Pressure		Initial CIP					2nd Flow Pressure		Final CIP				
	Time Defl. .000" T—P10	PSIG Temp. Corr.	Time Defl .000" Q	T + Θ	T + Θ / Θ	PSIG Temp. Corr.	PSIG² 10⁶ (Gas)	Time Defl. .000" T—P10	PSIG Temp. Corr.	Time Defl. .000" Q	T + Θ	T + Θ / Θ	PSIG Temp. Corr.	PSIG² 10⁶ (Gas)
P0	.000	612	.000			637		.0000	744	.0000			1314	
P1	.008	626	.015			2077		.0595	817	.0145			2180	
P2	.016	637	.030			2970		.1190	874	.0290			2884	
P3			.045			3609		.1785	929	.0435			3400	
P4			.060			4050		.2380	993	.0580			3853	
P5			.075			4318		.2975	105[illegible]	.0725			4138	
P6			.090			4488		.3570	1107	.0870			4309	
P7			.105			4546		.4165	1161	.1015			4386	
P8			.120			4569		.4760	1214	.1160			4418	
P9			.135			4578		.5355	1264	.1305			4436	
P10			.150			4582		.5950	1314	.1450			4447	

Intervals of Pressure Readings (Minutes): 1st Flow Pressure 2.0 Initial CIP 4.5 2nd Flow Pressure 15.0 Final CIP 4.5

Remarks:

HOWCO 52107

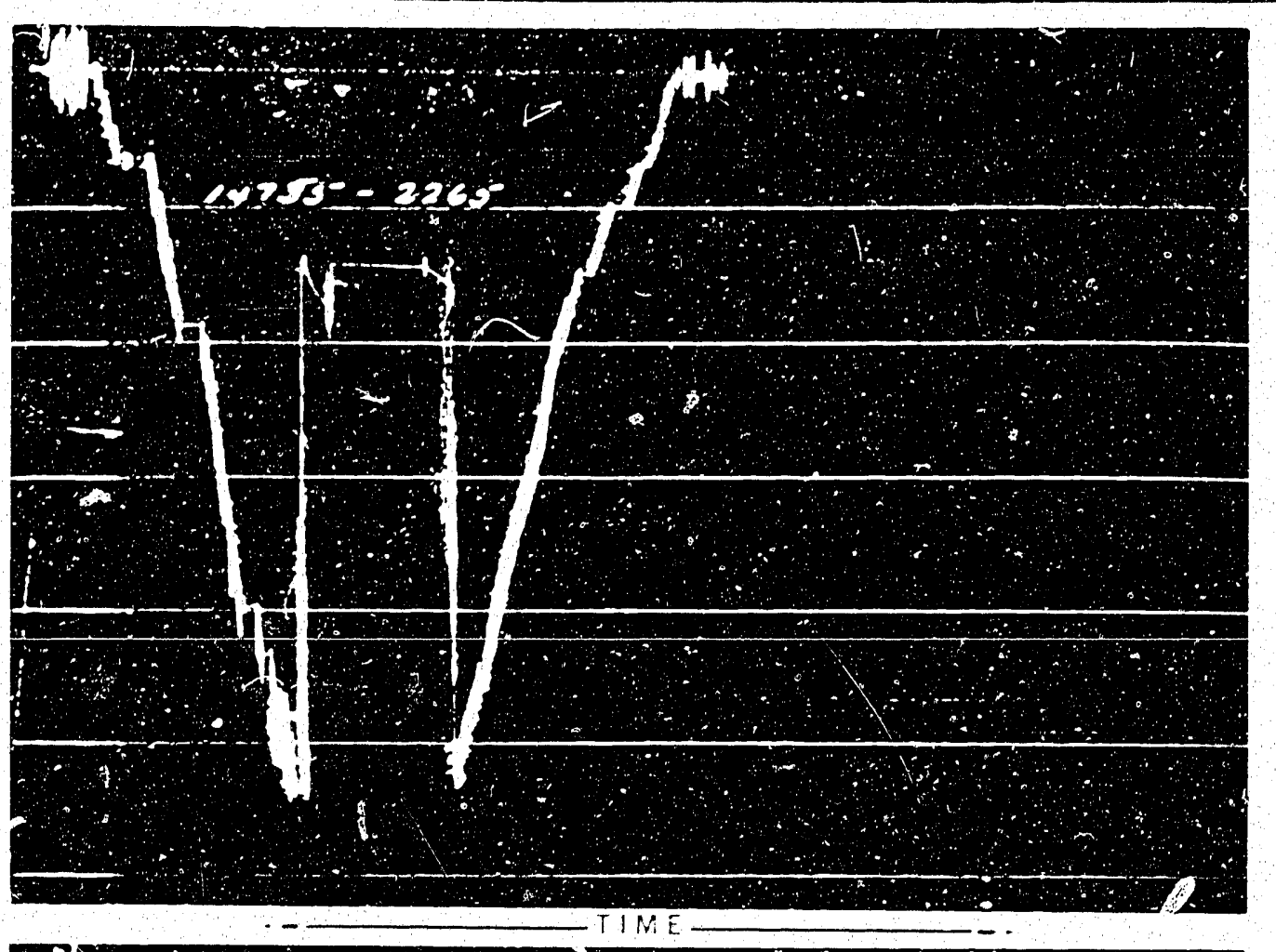
PRESSURE DATA

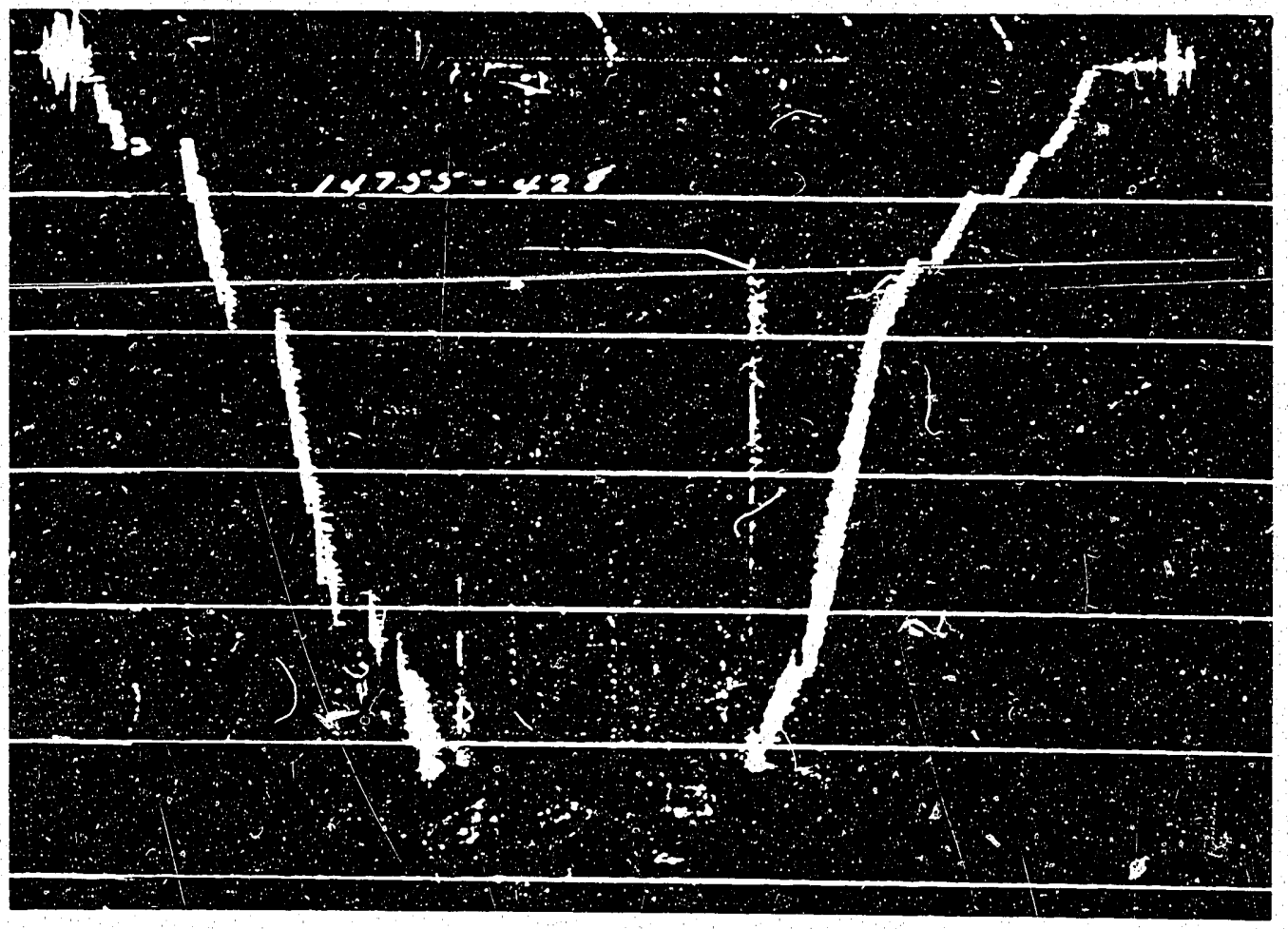
Well No. Test No. Ticket # District Lease Owner

Halliburton

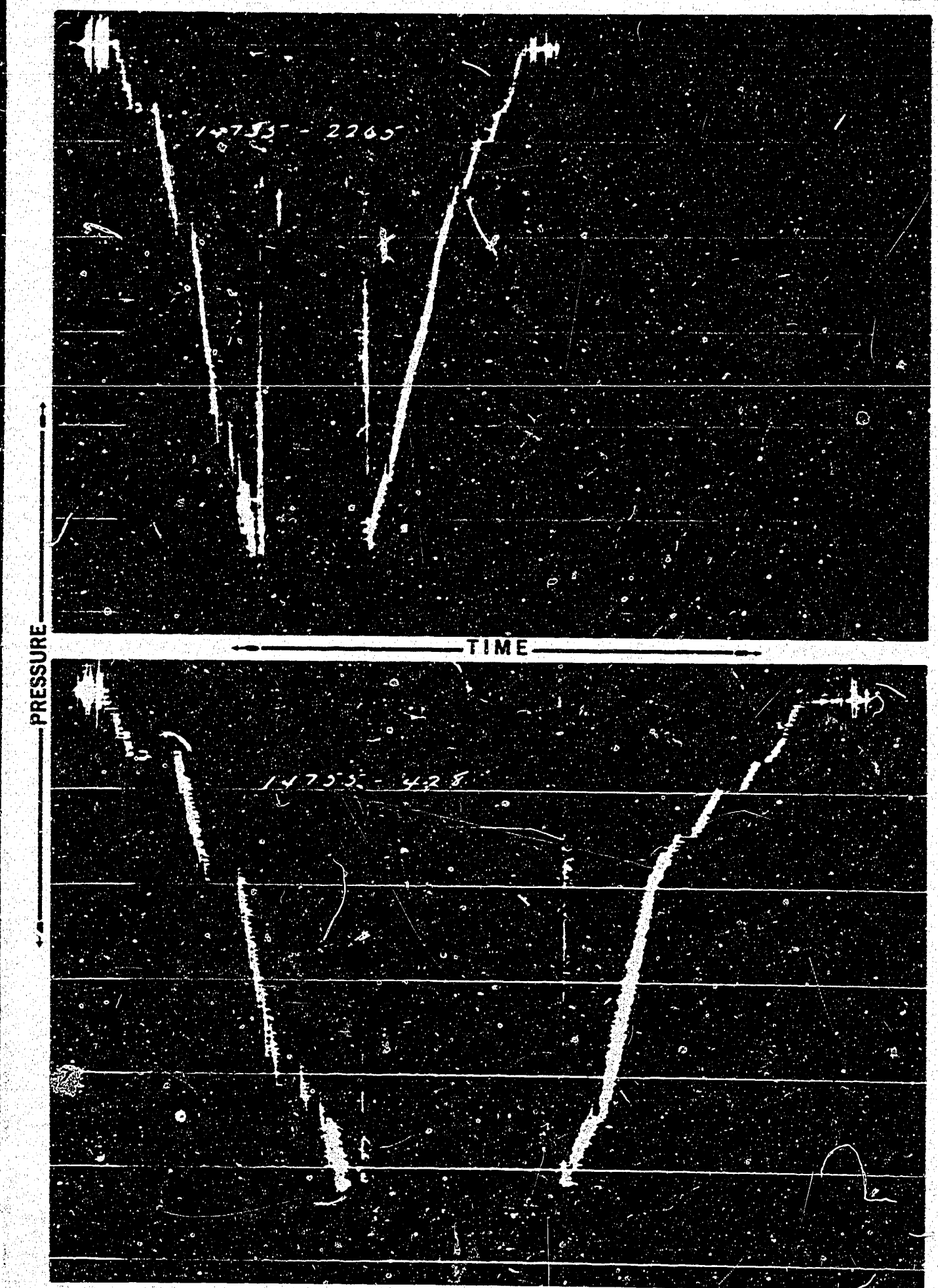
Your...

Formation Testing Service Report





Each Horizontal Line Equal to 1000 p.s.i.



Each Horizontal Line Equal to 1000 p.s.i.

Depth Top Gauge	9965 Ft.	Blanked Off	NO
BT P.R.D. No.	2265		48 Hr. Clock

Pressure Readings	Field	Office Corrected
Initial Hydro Mud Pressure	5031	5050
Initial Closed in Pressure	1704	1702
Initial Flow Pressure	1409	1411
Final Flow Pressure	1431	1427
Final Closed in Pressure	1545	1536
Final Hydro Mud Pressure	5009	5050

Depth Centre Gauge	Ft.	Blanked Off	
BT P.R.D. No.			Hr. Clock

Pressure Readings	Field	Office Corrected
Initial Hydro Mud Pressure		
Initial Closed in Pressure		
Initial Flow Pressure		
Final Flow Pressure		
Final Closed in Pressure		
Final Hydro Mud Pressure		

Depth Bottom Gauge	9983 Ft.	Blanked Off	YES
BT P.R.D. No.	420		24 Hr. Clock

Pressure Readings	Field	Office Corrected
Initial Hydro Mud Pressure	5041	5044
Initial Closed in Pressure	1660	1681
Initial Flow Pressure	1371	1390
Final Flow Pressure	1408	1404
Final Closed in Pressure	1500	1520
Final Hydro Mud Pressure	4972	5044

Date	FEBRUARY 16, 1967	Ticket No.	T14755
Kind of Job	BOTTOM HOLE TEST	HOWCO District	FORT ST. JOHN
Tester	D. RIVING	Witness	D. BARTH
Contractor	CASCADE DRILLING COMPANY LIMITED		

K B Elevation		Top Packer Depth	Bottom Packer Depth 10104
Total Depth	10109	Casing Perforations Top / Bottom	
Interval Tested	10104 - 10109	Formation Tested	
Casing or Hole Size	5"	Liner or Rathole Size	5"
Size Surface Choke	2"	Size Bottom Choke	5/8 Size and Type Wall Packer 5" HOOK WALL
Size Drill Pipe	3½ I.F.	ID and Length Drill Collars	2 7/8 E.U.E.
Anchor Size I.D. / O.D.		Amount-Type of Cushion	3500 FT. DIESEL FUEL
Gauge Depth Temp.	358 °F meas. / °F est.	Mud Weight	10 Mud Viscosity 38
All Depths Measured From	K.B.		No. Folders Reproduced 18

Time Periods (Minutes)

1st Flow	5	Initial CIP	45	2nd Flow	180 Final CIP 45

Recovered	680	Feet of	DIESEL FUEL
Recovered	2670	Feet of	GAS CUT DIESEL FUEL
Recovered	200	Feet of	GAS CUT DIESEL & MUD
Recovered	230	Feet of	GAS CUT MUD
Oil Recovery Degrees API		Water Recovery Specific Gravity	

REMARKS: VALVE OPEN WITH GOOD INITIAL BLOW.

OPEN FOR SECOND FLOW WITH WEAK AIR BLOW.

WEAK AIR BLOW DECREASING TO NIL DURING FLOW PERIOD.

NO SPECIAL READINGS DUE TO SHAPE OF C.I.P. CURVES AND LACK OF PRODUCTION.

LEGAL DESCRIPTION 122 58 44.00 W.L.

FIELD OR AREA BOWIE LAKE

PROVINCE NORTH WEST TERRITORY

Lease Name T. 72 Well No.

Test No. 4

Owner's District FORT ST. JOHN

Lease Owner TEXACO EXPLORATION COMPANY

TEXACO BOWIE LAKE

CGL-4

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

Edmonton — Fort St. John — Calgary

GAS ANALYSIS REPORT: Lab. No. E67-2963 Received: Jan. 30,1967 Reported: Jan. 31,1967

Well: Texaco [redacted] Bovie #J-72 Operator: Texaco Exploration Company

Field or Area: N.W.T. Location: Elev.: K.B. Grd.

Zone and Formation: Sample Interval: 9800' - 10,274'

Well production at sampling time: Oil bpd; Gas MCFD; Water bpd.

Sampled from: Sampled by: Date: Jan. 25, 1967

Pressure: (a) at point of sampling psig (b) Gas Bomb pressure psig

Temperature: (a) at point of sampling °F (b) Separator °F

Pressures: Reservoir Tubing Casing Separator

OTHER PERTINENT DATA Sampled from D.S.T. #3. Sample pressure: 55 psig.

(Signed)

COMPOSITION	% by Volume	G.P.M. in Imp. Gal. @ 60°F. & 14.65 PSIA
Helium	.13	
Hydrogen sulfide	.05	
Carbon dioxide	18.19	
Hydrogen	.13	
Nitrogen	2.47	
Methane	78.96	
Ethane	.07	
Propane	Trace	.00
Isobutane	.00	.00
N-butane	.00	.00
Isopentane	.00	.00
N-pentane	.00	.00
Hexanes	.00	.00
Heptanes +	.00	.00
TOTAL	100.00	.00

G.P.M. (Calculated)

pentanes +		0.00
at 12 lbs.		.00
at 15 lbs.		.00
at 22 lbs.		.00
at 26 lbs.		.00

SPECIFIC GRAVITY

Calculated	.739
by Weight	.743

CRITICALS (Calculated)

Pc	740.2
Tc	377.0

VAPOR PRESSURE (Calc.) of pentanes + 0

H_2S Grains per 100 cu. ft. @ 60°F. & 14.65 p.s.i.a. 31.3

GROSS B.T.U. (Calc.) @ 60°F. & 14.65 p.s.i.a. 796.7

DEW POINT (Calc.) p.s.i. 950 1050 1200

REMARKS

The sample was received in an aluminum container under a pressure of 55 psig. at 74°F.

The hydrogen is probably the product of reaction of hydrogen sulfide with iron while running the D.S.T.

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

Edmonton — Fort St. John — Calgary

GAS ANALYSIS REPORT: Lab. No. r67-3285 Received: March 2, 1967 Reported: March 14, 1967

Well: Texaco NFA Bovie Lake J-72 Operator: Texaco Exploration Company

Field or Area: Location: Elev.: K.B. Grd.

Zone and Formation: Sample Interval:

Well production at sampling time: Oil bpd; Gas MCFD; Water bpd.

Sampled from: Sampled by: Date:

Pressure: (a) at point of sampling psig (b) Gas Bomb pressure psig

Temperature: (a) at point of sampling °F (b) Separator °F

Pressures: Reservoir Tubing Casing Separator

OTHER PERTINENT DATA D.S.T. #8.

(Signed)

COMPOSITION	% by Volume	G.P.M. in Imp. Gal. @ 60°F. & 14.65 PSIA
Helium		
Hydrogen sulfide	.00	
Carbon dioxide	19.71	
Oxygen	.00	
Nitrogen	3.23	
Methane	76.77	
Ethane	.13	
Propane	.01	.002
Isobutane	.01	.003
N-butane	.01	.003
Isopentane	.02	.006
N-pentane	.02	.006
Hexanes	.05	.017
Heptanes +	.04	.017
TOTAL	100.00	.054

G.P.M. (Calculated)

pentanes +	.046
at 12 lbs.	.050
at 15 lbs.	.053
at 22 lbs.	.063
at 26 lbs.	.071

SPECIFIC GRAVITY

Calculated	.758
by Weight	.751

CRITICALS (Calculated)

Pc	745.8
Tc	381.1

VAPOR PRESSURE (Calc.) of pentanes + 7.62

H_2S Grains per 100 cu. ft. @ 60°F. & 14.65 p.s.i.a. 0

GROSS B.T.U. (Calc.) @ 60°F. & 14.65 p.s.i.a. 782.8

DEW POINT (Calc.) p.s.i.	950	1050	1200
F.A.H.	5	3	-1

REMARKS

Sample was received in an aluminum container under a pressure of 12 psig. at 72°F. The analysis is corrected for 26.43% air contamination.

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

WATER ANALYSIS Lab No. F67-342

Received: Jan. 24,1967 Reported: Jan. 27,1967 Well: Location: Tex. NFA Bovie Lake #J-72

Operator: Texaco Exploration Company Field or Area: N.W.T.

Elev.: K.B. Grd. Zone/Formation: Sample Interval: 9,830' - 10,102'

Method of Production: D.S.T. #2 Sampled from: Just above tool Sampled by: Date:

OTHER PERTINENT DATA

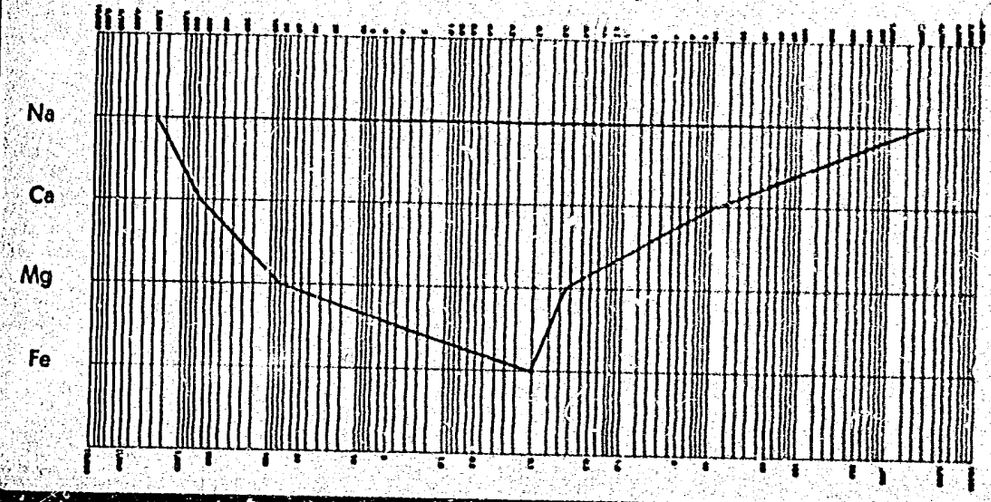
(Signed)

	Na	K	Ca	Mg					SO_4	Cl			CO_3	HCO_3		
Mg./L	45,245		13,016	972					12	95,190				790		
Meq./L	1968.17		649.50	79.90					0.25	2684.36				12.96		
Meq. %	36.48		12.04	1.48					0	49.76				0.24		

Total Solids Mg/L: By Evaporation 185,650 Fe --- Specific Gravity 1.108 @ 79°F. Observed pH 6.4 @ 73 °F

Calculated 155,225 After Ignition 154,970 H_2S --- Refractive Index 1.3591 @ 76°F. Resistivity 0.063 ohm meters @ 68 °F

Pattern Unit Meq./L



Remarks and Conclusions

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

WATER ANALYSIS

Lab No. F67-348

Received: Jan. 27,1967 Reported: Jan. 31,1967

Well: Location: Tex. NFA Bovie Lake #J-22

Operator: Texaco Exporation Company

Field or Area: Bovie Lake, N.W.T.

Elev.: K.B. Grd. Zone/Formation: Pine Point

Sample Interval: 9,800' - 10,274'

Method of Production: D.S.T. #3

Sampled from: Top of tool

Sampled by: N. Anderson Date: Jan. 25,1967

OTHER PERTINENT DATA DST #3, 9800 - 10,274' KB
Recovery 830' - salt water

Sample #1 - 800' above tool
#2 - 400' above tool
#3 - top of tool
Complete analysis on sample #3.

(Signed)

	Na	K	Ca	Mg					SO_4	Cl			CO_3	HCO_3		
Mg./L	45,149		12,656	875					10	94,188				680		
Meq./L	1964.00		631.53	71.93					0.21	2656.10				11.15		
Meq. %	36.81		11.84	1.35					0.01	49.78				0.21		

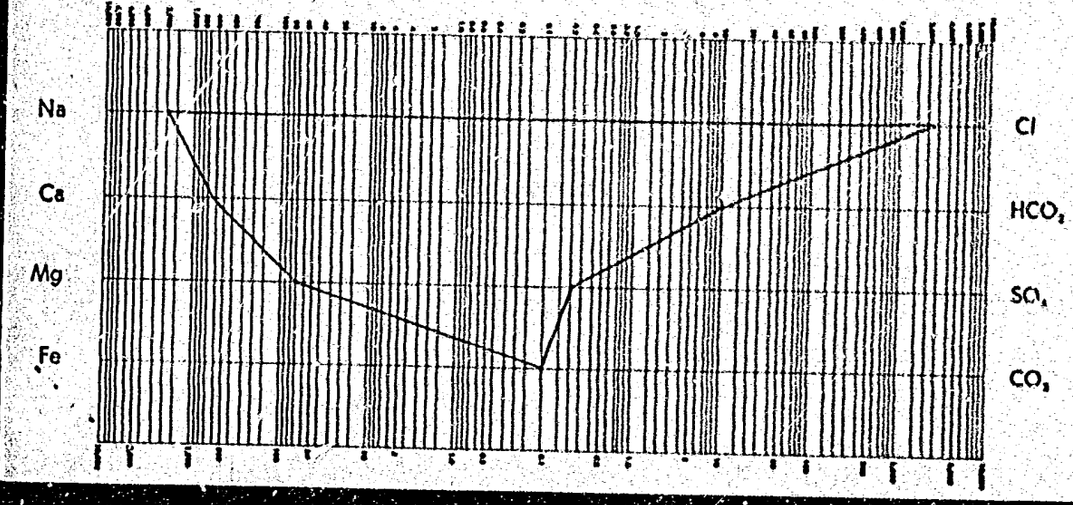
Total Solids Mg/L: By Evaporation 175,130 Fe

Calculated 153,558 After Ignition 151,990 H_2S

Specific Gravity 1.106 @ 72°F. Observed pH 6.4 @ 72 °F

Refractive Index 1.3590 @ 72°F. Resistivity 0.065 ohm meters @ 68 °F

Pattern Unit Meq./L



Remarks and Conclusions

Resistivity:
Sample #1, 0.072 @ 68° F.
#2, 0.071 @ 68° F.

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

14249 - 118 AVENUE, EDMONTON, ALBERTA

Date Reported: February 3, 1967 Laboratory Report Number: F67-363

TEXACO EXPLORATION COMPANY

Well: Tex. NFA Bovie J-72 KIND OF SAMPLE: Water

Date Received: February 1, 1967

D.S.T. #3.

LABORATORY NUMBER	
F67-363-1:	Sampled from top of recovery.
	Resistivity: 0.072 Ohm-Meters @ 68°F.
F67-363-2:	Sampled from middle of recovery.
	Resistivity: 0.071 Ohm-Meters @ 68°F.

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

WATER ANALYSIS

Lab No. F67-447-3

Received: March 14, 1967 Reported: March 17, 1967 Well: Location: Texaco NFA Bovie Lake #J-72 J-72, 60°20'N 122°45'W

Operator: Texaco Exploration Company Field or Area: N.W.T.

Elev.: K.B. 1267.0' Grd. Zone/Formation: Slave Point Sample Interval:

Method of Production: Production Test Sampled from: Production Test Sample by: Date: March 10, 1967

OTHER PERTINENT DATA Depth: (perforations) 9851' - 9855', 9858' - 9863', 9864' - 9868', 9932' - 9934, 9977' - 9979'
1 Shot/ft. Total 22 shots. Sampled at 8:00 A.M.

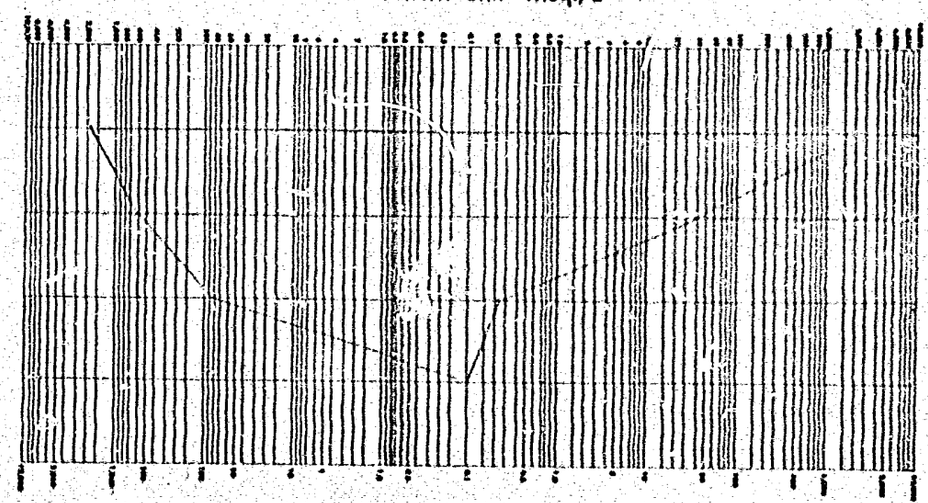
(Signed)

	Na	K	Ca	Mg					SO_4	Cl			CO_3	HCO_3		
Mg./L	40,325		12,816	1,094					10	86,673				2,390		
Meq./L	1754.14		639.52	89.93					0.21	2444.18				39.20		
Meq. %	35.31		12.88	1.81					0.01	49.20				0.79		

Total Solids Mg/L: By Evaporation 176,860 Fe Present Specific Gravity 1.106 @60°F Observed pH 4.5 @ 72 °F

Calculated 143,308 After Ignition 143,090 H_2S --- Refractive Index 1.3590 @25°C Resistivity 0.067 ohm meters @ 68 °F

Pattern Unit Meq./L



Remarks and Conclusions

The sample appears to be formation water with possible slight contamination from spent acid water.

F67-447-1: Sampled March 6, 1967
pH: 4.2 @ 73°F.
RESISTIVITY: 0.083 Ohm-Meters @ 68°F.

F67-447-2: Sampled March 9, 1967 at 11:00 A.M.
pH: 4.5 @ 72°F.
RESISTIVITY: 0.069 Ohm-Meters @ 68°F.

FORM PD-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 14.
FIELD
LEASE
WELL No.
LOCATION
PROVINCE

CONTRACTOR Carrisé Drlg DATE April 20/66

RIG NO. ____ ROTARY ☐ SERVICE ☐

MORNING TOUR ____ M. TO ____ M DRILLER ____

OPERATING DATA				BIT DATA					MUD TEST DATA					MUD ADDED THIS TOUR			
				NO.	SIZE	TYPE	FTAGE	HRS. RUN	TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.		PUMP SPM															
NO. D.C.		PUMP PRESS															
PUMP STROKE		ROTARY RPM															
LINER SIZE		WT. ON BIT															

HOLE DATA						SURVEYS	
DRILLED		RATHOLED		REAMED		DEPTH	ANGLE
FROM	TO	FROM	TO	FROM	TO		

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR			DAY WORK RATES			
			W.S.P		W.O.D.P	
FROM	TO	DESCRIPTION OF OPERATION	HRS.	MIN.	HRS	MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR ____ M TO ____ M DRILLER Ryan

OPERATING DATA				BIT DATA					MUD TEST DATA					MUD ADDED THIS TOUR			
				NO.	SIZE	TYPE	FTAGE	HRS. RUN	TIME	WT	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.		PUMP SPM															
NO. D.C.		PUMP PRESS															
PUMP STROKE		ROTARY RPM															
LINER SIZE		WT. ON BIT															

HOLE DATA						SURVEYS	
DRILLED		RATHOLED		REAMED		DEPTH	ANGLE
FROM	TO	FROM	TO	FROM	TO		

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR			DAY WORK RATES			
			W.S.P		W.O.D.P	
FROM	TO	DESCRIPTION OF OPERATION	HRS.	MIN.	HRS.	MIN.
		5½" Surface Casing				
		Cross Water Line				
		Drilled Cement				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR ____ M TO ____ M DRILLER ____

OPERATING DATA				BIT DATA					MUD TEST DATA					MUD ADDED THIS TOUR			
				NO.	SIZE	TYPE	FTAGE	HRS. RUN	TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.		PUMP SPM															
NO. D.C.		PUMP PRESS															
PUMP STROKE		ROTARY RPM															
LINER SIZE		WT. ON BIT															

HOLE DATA						SURVEYS	
DRILLED		RATHOLED		REAMED		DEPTH	ANGLE
FROM	TO	FROM	TO	FROM	TO		

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR			DAY WORK RATES			
			W.S.P		W.O.D.P	
FROM	TO	DESCRIPTION OF OPERATION	HRS.	MIN.	HRS.	MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. ____ TOTAL DRLG TIME THIS 24 HRS. ____ TOTAL DAY WORK THIS 24 HRS. ____

HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____

D\W FOOTAGE THIS 24 HRS. ____

SIGNED E. Bowman R.

DATE April 21 66

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 13.
FIELD Lilic
LEASE Fowler
WELL NO. 5-22
LOCATION Boulder
PROVINCE N.W.T.

CONTRACTOR Eccles Nav. DATE April 19/66

RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR _____ M. TO _____ M DRILLER Fred Allen

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN	MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.P.		PUMP SPM															
NO. D.C.		PUMP PRESS															
PUMP STROKE		ROTARY RPM															
LINER SIZE		WT. ON BIT															

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	MIN.	W.O.D.P. HRS.	MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Boiler Shut Down 9 AM April 19/66.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR _____ M TO _____ M DRILLER _____

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN	MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.		PUMP SPM															
NO. D.C.		PUMP PRESS															
PUMP STROKE		ROTARY RPM															
LINER SIZE		WT. ON BIT															

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	MIN.	W.O.D.P. HRS.	MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

9 AM Clean up Rig & Prepare To Move Derrick

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR _____ M TO _____ M DRILLER _____

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN	MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.		PUMP SPM															
NO. D.C.		PUMP PRESS															
PUMP STROKE		ROTARY RPM															
LINER SIZE		WT. ON BIT															

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	MIN.	W.O.D.P. HRS.	MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK TIME 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED E. Brown Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE April 20/66

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 12
FIELD
LEASE Texaco Kea
WELL NO. J-12
LOCATION Bauie Lake
PROVINCE N.W.T.

CONTRACTOR Cascade Drilling DATE April 18/66
RIG NO. 19 ROTARY ☒ SERVICE ☐

MORNING TOUR

M. TO M DRILLER K. D. Olsen

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	MIN.	W.O.O.P HRS.	MIN.
6am		Draw F 2-3-4 Motors.				
5pm		Cleaning up.				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR

6 0 M TO M DRILLER Semenchuk

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA TIME	WT	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	MIN.	W.O.O.P HRS.	MIN.
		Gas Sucker & Mixing Tanks to Board #2 Pump.				
		Have 4 1/2 hrs Tools				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR

M TO M DRILLER

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	MIN.	W.O.O.P HRS.	MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. TOTAL DRLG TIME THIS 24 HRS. TOTAL DAY WORK TIME 24 HRS.

HRS. WITH DRILL PIPE HRS. WITHOUT DRILL PIPE SIGNED E. Brown, Co. R.

D\W FOOTAGE THIS 24 HRS. DATE

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PD-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 21
FIELD Wildcat
LEASE Swan River Unit
WELL NO. 5-22
LOCATION Fellowship
PROVINCE Alberta

CONTRACTOR Cascade Drlg DATE April 7/66
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 M. TO 8 AM DRILLER [illegible]

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	F'TAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12:00	1:00	Cleaning up Rig
1:00	1:30	Set 7" Casing Slips
1:30	6:00	Nipple Up BOP
6:00	8:00	Cleaning up Rig

DAY WORK RATES

W.O.P HRS.	MIN.	W.O.O.P HRS.	MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8:00 AM TO 6:00 PM DRILLER Dmiaruchuk

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	F'TAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8:00		Rig Drill Hole
		Clean Mud Tanks
		Run Bent Joint
		Pick up
6:00		7" Fracture Tools

DAY WORK RATES

W.O.P HRS.	MIN.	W.O.O.P HRS.	MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR ____ M TO ____ M DRILLER ____

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	F'TAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION

DAY WORK RATES

W.O.P HRS.	MIN.	W.O.O.P HRS.	MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. ____ TOTAL DRLG TIME THIS 24 HRS. ____ TOTAL DAY WORK THIS 24 HRS. ____

HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ SIGNED E. Brown CO. R.

D\W FOOTAGE THIS 24 HRS. ____ DATE April 8/66.

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PD-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 70
FIELD
LEASE TEXACO INC.
WELL NO. F-22
LOCATION BOWE LAKE
PROVINCE ALBERTA

CONTRACTOR CASCADE DRLG DATE APRIL 16/66
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 PM TO 8 AM

DRILLER R. D. RUSSELL

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FT AGE	HRS. RUN	MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.		PUMP SPM															
NO. D.C.		PUMP PRESS															
PUMP STROKE		ROTARY RPM															
LINER SIZE		WT. ON BIT															

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE
9348							

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
1200	1230	RIG UP CIRC HEAD & KELLY HOSE
1230		CIRC CSG PSD RANGE FROM 1200 TO 2300
	23	PUMP NOT CIRC DOWN
530	600	LAY DOWN 1 JT 23# CSG
		TRY TO PULL 2 MORE
		PULLED TIGHT
600		PUT CIRC HEAD ON &
	800	CIRC TO CEMENT CSG

DAY WORK RATES W.O.P. HRS. MIN. W.O.O.P. HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 AM TO 8 PM

DRILLER Orion Cobb

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FT AGE	HRS. RUN	MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.		PUMP SPM															
NO. D.C.		PUMP PRESS															
PUMP STROKE		ROTARY RPM															
LINER SIZE		WT. ON BIT															

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Ran 49 jts of 7" 26# N80 LT&C
Ran 194 jts of 7" 23# N80 LT&C
Ran 1 jt 7" 23# K55 LT&C
Total 244 jts
Equipped & Dowell
w/ 750 sks Portage Class H
Cement
Plug down @ 8:25 PM
April 16/66
Csg landed @ 9054'

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
800	1100	Circ Rig & Csg
1100	1130	Run Pump Cement
1130	1200	Wash Cement
1200	1300	Run Surface Cement
1300	1400	Pump Cement & Displace
1400	1500	Land Csg & Test Slips

DAY WORK RATES W.O.P. HRS. MIN. W.O.O.P. HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 8 PM TO 4 AM

DRILLER E. D. Dixon

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FT AGE	HRS. RUN	MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.		PUMP SPM															
NO. D.C.		PUMP PRESS															
PUMP STROKE		ROTARY RPM															
LINER SIZE		WT. ON BIT															

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Ran 30 Scratchers over
bottom 480' ± 15 Centr.

Experienced difficulty
mixing Lic. wac (Cement
Retarder) in freezing conditions
would not allow Dowell
Tornado mixer to pump
into water mixing tank
Mixed Retarder @ .06 %

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
1700	2400	Standing by Rig

DAY WORK RATES W.O.P. HRS. MIN. W.O.O.P. HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAYWORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

D\W FOOTAGE THIS 24 HRS. _____

SIGNED E. Dixon Co. R.

DATE April 17-166.

IS YOUR REPORT COMPLETE?

FORM PO-212-A (TEC) 4-64

REPORT NUMBER 69

FIELD

LEASE TEXACO HUBA

WELL NO. T-22d

LOCATION BOUE LAKE

PROVINCE ALBERTA

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

CONTRACTOR CASCADE DRLG DATE APRIL 15/66

RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 M. TO 8 AM

DRILLER Kelt Tubbs

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM 9348 TO | RATHOLED FROM TO | REAMED FROM TO

SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12	8:00	Running 7" CSG

DAY WORK RATES: W.O.F. HRS. MIN. | W.O.D.F. HRS. MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8:00 A M TO 4:00 PM

DRILLER Adrian Clarke

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA: TIME | WT | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM 9348 TO | RATHOLED FROM TO | REAMED FROM TO

SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8:00	4:00	Running 7" CSG

DAY WORK RATES: W.O.F. HRS. MIN. | W.O.D.F. HRS. MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 PM M. TO 12 M

DRILLER K.B. Olsen

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY SPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM 9348 TO | RATHOLED FROM TO | REAMED FROM TO

SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4:00	12:00	Run 7" Casing

DAY WORK RATES: W.O.F. HRS. MIN. | W.O.D.F. HRS. MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

D\W FOOTAGE THIS 24 HRS. _____

SIGNED G. Rawlinson Co. R.

DATE April 15/66

IS YOUR REPORT COMPLETE?

FORM PO-2[illegible] (TEC) 4-64

REPORT NUMBER 68

TEXACO EXPLORATION COMPANY
DAILY DRILLING WELL REPORT

FIELD
LEASE TEXACO MEA
WELL NO. T.T.21
LOCATION BAUE LAKE
PROVINCE ALBERTA

CONTRACTOR CASCADE DRLG DATE APRIL 14/66

RIG NO. 19 ROTARY ☑ SERVICE ☐

DRILLER R.L. Wilson

MORNING TOUR 12 P M. TO 6 A M

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

HOLE DATA: DRILLED FROM 9348 TO; RATHOLED FROM TO; REAMED FROM TO

SURVEYS DEPTH ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12:00	2:00	LOGGING
2:00	5:00	UNIT ON SCHLUMBERGER ELECTRONIC PANEL TO BE FLOWN TO LOCATION

DAY WORK RATES: W.O.P. HRS. MIN. | W.O.O.P. HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DRILLER Wm Buchanan

DAYLIGHT TOUR 900 M TO 420 M

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

HOLE DATA: DRILLED FROM 9348 TO; RATHOLED FROM TO; REAMED FROM TO

SURVEYS DEPTH ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

MUD TEST DATA: TIME | WT | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
9:00	12:00	Preparing Records for Logging Unit to Run Logs
12:00	4:20	Note - Log

DAY WORK RATES: W.O.P. HRS. MIN. | W.O.O.P. HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DRILLER E. Buchanan

EVENING TOUR 4P M TO 12:15 M

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

HOLE DATA: DRILLED FROM 9348 TO 9348; RATHOLED FROM TO; REAMED FROM TO

SURVEYS DEPTH ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4:00	7:00	Logging w/Schlumberger
7:00	8:00	Circulate Run Casing
8:00	12:00	Run 7" Casing

DAY WORK RATES: W.O.P. HRS. MIN. | W.O.O.P. HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED E. Buchanan Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE April 15/66

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 67
FIELD
LEASE TEXACO MFR.
WELL NO. J-72
LOCATION BOUCHE LAKE
PROVINCE ALTA.

CONTRACTOR CASCADE DRLG DATE APRIL 13/66

RIG NO. 19 ROTARY ☑ SERVICE ☐

DRILLER Bob Cullis

MORNING TOUR 12 P M. TO 8 A M

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
9548					

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
1200	EOR	CIRC & SCHLUMBERGER Log & Cameras

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.P. HRS.	W.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 800 A M TO 400 PM

DRILLER Stanowchuk

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
TD 9548					

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
800		Wait on Schlumberger
100		Logging Line & Cameras

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.P. HRS.	W.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4P M TO 1215 M

DRILLER Bob Cullis

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
9548					

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4:00	5:00	WAIT on Schlumberger
5:00	12:00	Line & Cameras Logging W/ Schlumberger

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.P. HRS.	W.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED E. Bagnall DIST. ENGR.

D\W FOOTAGE THIS 24 HRS. _____ DATE April 14-66.

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PD-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 66
FIELD
LEASE Texaco N.W.T.
WELL NO. F-72
LOCATION Bouvie Lake
PROVINCE N.W.T.

CONTRACTOR Cascade Drlg DATE April 12/66
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 P M. TO 8 A M

DRILLER Robt Wilts

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA

TIME	WT.	VIS.	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
9548					

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.
1200		Rigging up Logging				
	200	unit.				
200	500	Logging Run Induction				
		Log + Running				
		Sonic Gamma Ray &				
		Caliper.				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 800 A M TO 400 P M

DRILLER Norman Locke

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA

TIME	WT.	VIS.	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
9548					

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.
8		Logging Tools				
		Log Logging Equipment				
		Out of Log Move				
		Up Schlumberger Equip				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M. TO 12 M

DRILLER R Dillman

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA

TIME	WT.	VIS.	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.
4	12	Start on Schlumberger				
		Line + Camera.				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

D/W FOOTAGE THIS 24 HRS. _____

SIGNED E Rayner Sp. R.

DATE April 13 66

IS YOUR REPORT COMPLETE?

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 65
FIELD
LEASE TEXACO MED.
WELL No. E-72
LOCATION BOUIE LAKE
PROVINCE N.W.T.

CONTRACTOR CASCADE DRLG DATE APRIL 11/66

RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 P M. TO 8 A M DRILLER Robt White

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE
9548 TD.							

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	MIN.	W.O.O.P HRS.	MIN.
12	8	WAIT ON ORDERS				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A M TO 4 P M DRILLER Wasniechuk

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS.						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE
9548 TD.							

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	MIN.	W.O.O.P HRS.	MIN.
		Waiting on Logging Equipment				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M. TO 12 M. DRILLER R. B. Clarke

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	MIN.	W.O.O.P HRS.	MIN.
4	7½	Wait On Logging Equipment				
7½	12	Rig for logging				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. TOTAL DRLG TIME THIS 24 HRS. TOTAL DAY WORK THIS 24 HRS.

HRS. WITH DRILL PIPE HRS. WITHOUT DRILL PIPE

D\W FOOTAGE THIS 24 HRS.

SIGNED E. Douglas R.

DATE April 12/66

YOUR REPORT COMPLETE?

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 64
FIELD
LEASE TEXACO NEB.
WELL NO. J-72
LOCATION BOVIE LAKE
PROVINCE ALBERTA

CONTRACTOR CASCADE DRLG DATE APRIL 10/66

RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 P M. TO 8 A.M

DRILLER Robert Wilson

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | DRILLED TO | RATHOLED FROM | RATHOLED TO | REAMED FROM | REAMED TO

SURVEYS: DEPTH | ANGLE

9278

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.F HRS.	W.O.F MIN.	W.O.D.P HRS.	W.O.D.P MIN.
12	8	WAIT ON ORDERS				

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A M TO 4 P.M

DRILLER Maniawchuk

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | DRILLED TO | RATHOLED FROM | RATHOLED TO | REAMED FROM | REAMED TO

SURVEYS: DEPTH | ANGLE

9278 TD

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.F HRS.	W.O.F MIN.	W.O.D.P HRS.	W.O.D.P MIN.
8	4	Waiting on Logging Equipment				

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M TO Mid M

DRILLER Robert Oliver

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | DRILLED TO | RATHOLED FROM | RATHOLED TO | REAMED FROM | REAMED TO

SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.F HRS.	W.O.F MIN.	W.O.D.P HRS.	W.O.D.P MIN.
		Wait on Logging equipment				

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

D\W FOOTAGE THIS 24 HRS. _____

SIGNED E. Bodnar Co. R.

DATE April 11-66.

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 63
FIELD
LEASE Texaco NFA
WELL NO. I-22
LOCATION Bovie Lake
PROVINCE N.W.T.

CONTRACTOR Cascade Drlg. DATE April 9/66
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 P M. TO 8 A M DRILLER Robert White.

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
9548					

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Discontinue Using Pump @ Lake Line Froze

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
1200	800	Wait on Orders Pick up B.O.P's & Install 7" Slip Adapter Flng in CSG Bowl Set B.O.P's Back & Tighten Some

DAY WORK RATES

W.O.P HRS.	W.O.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 800 A M TO 1000 M DRILLER Unreadable

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA TIME	WT	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
800	900	Wait on Orders.
		Temp Ant Frozen water lines to Pump & Lake.

DAY WORK RATES

W.O.P HRS.	W.O.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4P M TO 1145 M DRILLER K. D. Allen

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
9548					

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4P	1145	Wait On Orders. Flood Out Water Line To Lake.

DAY WORK RATES

W.O.P HRS.	W.O.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK TIME 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

D\W FOOTAGE THIS 24 HRS. _____

SIGNED E. Brown Co. R.

DATE April 10/66

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PD-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 42
FIELD
LEASE TEXACO ET AL
WELL NO. J-72
LOCATION BOYLE LAKE
PROVINCE N.W.T.

CONTRACTOR CASCADE DRLG DATE APRIL 3/66

RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 P.M. TO 8 A.M. DRILLER Bob Wilson

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FT AGG	HRS. RUN
SIZE D.C.	6¾	PUMP SPM	59	24	8¾	mill C	RR	
NO. D.C.	3	PUMP PRESS	1450					
PUMP STROKE	18	ROTARY RPM						
LINER SIZE	5½	WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
400	9.2	300+						
700	9.2	295						

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO	SURVEY DEPTH	SURVEY ANGLE
9548							

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

DAY WORK RATES

RIG TIME DATA THIS TOUR FROM	TO	DESCRIPTION OF OPERATION	W.O.P HRS.	W.O.P MIN.	W.O.P HRS.	W.O.P MIN.
1200	1215	RIG SERVICE & ✓ BOP'S				
1215	130	FINISH TRIP IN - PICK UP 12 JTS DEE RACK & 2 STANDS IN DRK				
130	145	BRK CIRC & REAM 2 FT TO BTM.				
145	800	CIRC. HOLE.				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 800 A.M. TO 460 P.M. DRILLER Dmowchuk

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FT AGG	HRS. RUN
SIZE D.C.	6¾	PUMP SPM	58	24	8¾	mill C	RR	
NO. D.C.	3	PUMP PRESS	1400					
PUMP STROKE	18	ROTARY RPM						
LINER SIZE	5½	WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO	SURVEYS DEPTH	SURVEYS ANGLE
9548							

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

DAY WORK RATES

RIG TIME DATA THIS TOUR FROM	TO	DESCRIPTION OF OPERATION	W.O.P HRS.	W.O.P MIN.	W.O.P HRS.	W.O.P MIN.
800	815	Service Gas Boy				
815	1200	Circulating unit on bottom, Pull 3 stands wet, Drop Rig up to Lay down Pipe				
1200	130	Rig up to Lay down pipe				
130	460	Laying down drill pipe.				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P.M. TO 12 MID M. DRILLER R Bolduc

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FT AGG	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO	SURVEYS DEPTH	SURVEYS ANGLE
9548							

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

DAY WORK RATES

RIG TIME DATA THIS TOUR FROM	TO	DESCRIPTION OF OPERATION	W.O.P HRS.	W.O.P MIN.	W.O.P HRS.	W.O.P MIN.
400	1215	Rig Service				
1215	12	Lay Down Drill Pipe				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

D\W FOOTAGE THIS 24 HRS. _____

SIGNED E. Bauman Co. R.

DATE April 9/66.

IS YOUR REPORT COMPLETE?

(ALBERTA) LTD.

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 61
FIELD
LEASE TEXACO-N.W.T.A.
WELL NO. J-72
LOCATION BANFF LAKE
PROVINCE N.W.T.

CONTRACTOR CASCADE DRLG DATE APRIL 7/66

RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 P M. TO 8 A.M

DRILLER Bob Wilson

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM 8348 TO | RATHOLED FROM TO | REAMED FROM TO

SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
1200	800	WAIT on LOGGING EQUIP.

DAY WORK RATES: W.O.P HRS. MIN. | W.O.O.P HRS. MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 00 A M TO 5 00 P M

DRILLER Domanchuk

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA: TIME | WT | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM 8348 TO | RATHOLED FROM TO | REAMED FROM TO

SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8 00	9 00	Loc JS Service Rig
9 00	5 00	Wait on logging equipment

DAY WORK RATES: W.O.P HRS. MIN. | W.O.O.P HRS. MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 12 M TO 12 M

DRILLER E. Bauman

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.		PUMP SPM		2	7 7/8	HMS	K-15	
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM 8348 TO | RATHOLED FROM TO | REAMED FROM TO

SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4 00	10 00	Wait on logging Equipment
10 00	12 00	Rig up Schlumberger Etc

DAY WORK RATES: W.O.P HRS. MIN. | W.O.O.P HRS. MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

D/W FOOTAGE THIS 24 HRS. _____

SIGNED E. Bauman C.J. R.

DATE April 8/66

IS YOUR REPORT COMPLETE?

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 50
FIELD WC
LEASE Texaco Nfld
WELL NO. 5-72
LOCATION Bonne Lake
PROVINCE Nfld

CONTRACTOR Cascade Drlg DATE Mar 27/66
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 M. TO 8 AM

DRILLER [illegible]

OPERATING DATA

SIZE O.C.	1-20	PUMP RPM	54
NO. O.C.	6	PUMP PRESS	1600
PUMP STROKE	14	ROTARY RPM	80
LINER SIZE	6	WT. ON BIT	35

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
25	8 3/4	S-6	11	1

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
7006	7017				

SURVEYS

DEPTH	ANGLE
7006	1/4

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
0 AM	12	Drilling
12	3 PM	Hydraulic Break
3 PM	4 PM	Torqued Tool Joint
4 PM	6 PM	Make up Bit & Check Blind Rams
6 PM	6 1/2	Change Swabbing Liner
6 1/2	6 3/4	Repair Air Line
6 3/4	7 PM	Break Circ & Clean To Bottom
7 PM	10 PM	Drlg

DAY WORK RATES

	W.O.P HRS.	W.O.P MIN.	W.O.D.P HRS.	W.O.D.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 AM TO 4 PM

DRILLER Bob White.

OPERATING DATA

SIZE O.C.	8 1/2	PUMP SPM	50
NO. O.C.	F-20	PUMP PRESS	1675
PUMP STROKE	18	ROTARY RPM	80
LINER SIZE	6	WT. ON BIT	40/45

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
25	8 3/4	S-6	147	8 3/4

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
8 AM	9.0	33		
12 Noon	9.0	28		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Gel Tone	600#		
Mix in Reserve Tank			

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
7017	7153				

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8 AM	8 1/2	Ser Rig & B.O.P.
8 1/2	4 PM	Drlg

DAY WORK RATES

	W.O.P HRS.	W.O.P MIN.	W.O.D.P HRS.	W.O.D.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 PM TO 12 AM

DRILLER Dainuchuk

OPERATING DATA

SIZE O.C.	6 3/4	PUMP SPM	56
NO. O.C.	21	PUMP PRESS	1650
PUMP STROKE	14	ROTARY RPM	70
LINER SIZE	6	WT. ON BIT	45

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
25	8 3/4	S-6	354	16 1/2

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
	9.1	33		
	9.1	32		
	9.1	32		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Gel-tone	500#		

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
7153	7360				

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4 PM	4 45	Drilling
4 45	5 00	Serviced rig & check B.O.P.
5 00	12 00	Drilling

DAY WORK RATES

	W.O.P HRS.	W.O.P MIN.	W.O.D.P HRS.	W.O.D.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

D\W FOOTAGE THIS 24 HRS. _____

SIGNED [illegible] Co. R.

DATE Mar 27/66

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 49
FIELD Wildmere
LEASE Tidewater
WELL NO. 5-22
LOCATION Bonnie Lake
PROVINCE Alta

CONTRACTOR Cascade Drlg
RIG NO. 19
DATE March
ROTARY ☐ SERVICE ☐

MORNING TOUR

MORNING TOUR Mid M. TO 8 AM
DRILLER [illegible]

OPERATING DATA: SIZE D.C. 1-8" | PUMP SPM 125 | NO. D.C. 20+6" | PUMP PRESS 540 | PUMP STROKE 10 | ROTARY RPM 70 | LINER SIZE 6" | WT. ON BIT 40

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
24	8 3/4	Mill Tooth	36	5

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
5 AM	9.2	312		
7 AM	9.1	310		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
6873	6909				

SURVEYS: DEPTH 6732 | ANGLE 1 1/2°

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12:00 AM	1:15	Rig Serv
1:15	1:00	Run in DC's + Pick up B.S. Wiper
1:00	2:00	Running Bit #24
2:00	3:00	Break Circ + Clean 3' to Bottom.
3:00	4:00	Drlg

DAY WORK RATES

	W.O.P HRS.	W.O.P MIN.	W.O.P HRS.	W.O.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR

DAYLIGHT TOUR 8 AM TO 4 PM
DRILLER Robt Gilbo

OPERATING DATA: SIZE D.C. 8" | PUMP SPM 54 | NO. D.C. 1-20 | PUMP PRESS 1550 | PUMP STROKE 18 | ROTARY RPM 70 | LINER SIZE 6" | WT. ON BIT 45

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
24	8 3/4	Mill Tooth	[illegible]	12 1/2

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
10 AM	9.2	260		
12 PM	9.0	285		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Kenex - #1	5 BAG		
Kenex - 3	3 BAG		
Lime	1 BAG		

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
[illegible]	6909				

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4:00 PM	5:30	Drlg
5:30	6:30	Trip Bit + BOP's
6:30	7:45	Drlg
7:45	8:00	Change Liner Rubbers
8:00	4:00	Drlg

DAY WORK RATES

	W.O.P HRS.	W.O.P MIN.	W.O.P HRS.	W.O.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR

EVENING TOUR 4:00 PM TO 12:00 Mn
DRILLER Shawn Clark

OPERATING DATA: SIZE D.C. 6 3/4" | PUMP SPM 54 | NO. D.C. 20 | PUMP PRESS 1600 | PUMP STROKE 18 | ROTARY RPM 74 | LINER SIZE 6" | WT. ON BIT 45

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
24	8 3/4	Mill Tooth	133	17

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
Left in Hole					

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4:00 PM	4:15	Serv Rig + BOP.
4:15	7:00	Tag Bottom Drlg.
7:00	9:30	Circulate to clean hole for Trip
9:30	9:45	Drop Survey
		Hoist for bit - Drop in Torqued up tool-
12:00	7:15	

DAY WORK RATES

	W.O.P HRS.	W.O.P MIN.	W.O.P HRS.	W.O.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. 11
HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____
D\W FOOTAGE THIS 24 HRS. _____

SIGNED [illegible] Co. R.
DATE March 27/66

IS YOUR REPORT COMPLETE?

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 48
FIELD WC
LEASE TEXACO Fee
WELL NO. F-72
LOCATION Bouillon
PROVINCE W Wx.

CONTRACTOR Cascade Drlg
RIG NO. 19
DATE Mar 25/66
ROTARY ☑ SERVICE ☐

MORNING TOUR Mid M. TO 8 A M DRILLER [illegible]

OPERATING DATA				BIT DATA					MUD TEST DATA					MUD ADDED THIS TOUR			
				NO.	SIZE	TYPE	FTAGE	HRS. RUN	TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.	8 1/2 - 3 1/2	PUMP SPM	52														
NO. D.C.	1 - 20	PUMP PRESS	1575														
PUMP ST.	16	ROTARY RPM	60														
LINER Size	6	WT. ON BIT	40														

HOLE DATA						SURVEYS	
DRILLED		RATHOLED		REAMED		DEPTH	ANGLE
FROM	TO	FROM	TO	FROM	TO		
6732	6748						

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.
1900	12	Lig Serv				
12	12 1/2	Run DC's				
12 1/2	1	Slipping Line				
1	3	Run In				
3	3 1/2	Break Circ + Change Bottom				
3 1/2	5 1/2	Drlg				
5 1/2	6	Hoist 11 Stds				
6	7	Repair Valve on Mud Line				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8A M TO 4P M DRILLER Bob Wilson

OPERATING DATA				BIT DATA					MUD TEST DATA					MUD ADDED THIS TOUR			
				NO.	SIZE	TYPE	FTAGE	HRS. RUN	TIME	WT	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.	8 1/2 - 3 1/2	PUMP SPM	54	23	8 3/4	OSCS 1H	141	7 3/4	1200	9.1	300						
NO. D.C.	1 - 20	PUMP PRESS	1550														
PUMP STROKE	16	ROTARY RPM	100														
LINER SIZE	6"	WT. ON BIT	30/40														

HOLE DATA						SURVEYS	
DRILLED		RATHOLED		REAMED		DEPTH	ANGLE
FROM	TO	FROM	TO	FROM	TO		
6748	6873						

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.
8	9	Hook on Pumps				
9	9 1/2	Circ BC + Bottms				
9 1/2	9 3/4	Run in 11 Stds				
9 3/4	11 30	Drlg				
11 30	11 45	Repair Air Line to Brake				
11 45	2 45	Drlg				
2 45	3 00	Repair 4" Union on Mud Line				
3 00	4 00	Pull out for Bit				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 400 M TO 1200 M DRILLER Drawchek

OPERATING DATA				BIT DATA					MUD TEST DATA					MUD ADDED THIS TOUR			
				NO.	SIZE	TYPE	FTAGE	HRS. RUN	TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.	6 3/4	PUMP SPM		23	8 3/4	OSCS 1H	141	7 3/4									
NO. D.C.	3	PUMP PRESS		1H	8 3/4	MHDG											
PUMP STROKE	18"	ROTARY RPM															
LINER SIZE	6"	WT. ON BIT															

HOLE DATA						SURVEYS	
DRILLED		RATHOLED		REAMED		DEPTH	ANGLE
FROM	TO	FROM	TO	FROM	TO		
6873	6873						

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.
400	415	Service Rig + Bob.				
415	1100	Hoist Set Rig Brake out Tongued up Tool Test Very Light. Unload Chrgg Bit, Check Blind Rams.				
1100	1130	Slip Drilling line				
1130	1200	Trip in Hole Up - Tag.				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. 8

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED [illegible] Asst. Dist. Supt. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE March 26/66

IS YOUR REPORT COMPLETE?

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 47
FIELD WTC
LEASE TEXACO WEST
WELL NO. S-92
LOCATION BUFFALO LAKE
PROVINCE N.W.T.

CONTRACTOR Cascade Drlg DATE Mar 25/66.
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 8.00 M. TO 8.00 M. DRILLER A. D. Shum

OPERATING DATA

SIZE D.C. 8¼ & 6¼	PUMP SPM	52	
NO. D.C. 1 - 20	PUMP PRESS	1550	
PUMP STROKE 18"	ROTARY RPM	100	
LINER SIZE 6"	WT. ON BIT	35	

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
22	8¾	OSC6	5301	7½

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
4.00	9	41		
"	9	43		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
6365'	6600				

SURVEYS

DEPTH	ANGLE
6299	2°

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
15	12	Rig Serv
12	1.30	Work On Mud To Get It To Flow Between Tanks
1.30	3.00	Drlg 8¾" Hole
3.00	4.00	Repair Airline To Rotary Chain
4.00	8.00	Drlg

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Add 24 Sacks of Premixed Mud

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8.00 M. TO 4 P.M. DRILLER Bill Aurich

OPERATING DATA

SIZE D.C. 8¼ & 6¼	PUMP SPM	56	
NO. D.C. 1-20	PUMP PRESS	1550	
PUMP STROKE 18"	ROTARY RPM	100	
LINER SIZE 6"	WT. ON BIT	35/45	

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
22	8¾	OSC6	446	15

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
9.00	9.0	35		
10.00		30		
12.00		27		
2.00		27		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Kenx-1	5 Bgs.		
Kenx-3	2 Bgs.		
Lime	1 Bg.		
Gel-tone	50#		

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
6600	6705				

SURVEYS

DEPTH	ANGLE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8.00	9.15	DRLG
9.15	9.45	Serv Rig & BOPs
9.45	4.15	DRLG

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4.00 P.M. TO 12.00 M.N. DRILLER A. D. Shumaker

OPERATING DATA

SIZE D.C. 6¾	PUMP SPM	56	
NO. D.C. 21	PUMP PRESS	1573	
PUMP STROKE 18"	ROTARY RPM	80	
LINER SIZE 6"	WT. ON BIT	42	

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
22	8¾	OSC6	428	16¾

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
4.00	9.1	32		
		34		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Gel-tone	200		

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
6705	6932				

SURVEYS

DEPTH	ANGLE
6732	1½°

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4.00	4.15	Service Rig & Bops
4.15	7.00	Drilling
7.00		Circulate To clean hole
	7.30	For trip
7.30	7.45	D.O.P. Survey
7.45		Pull Out Of Hole Lay Bit
10.00		Repair Rotary Clutch
10.45		Tie Lines
12.00		Hoist

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED E. Brown Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE Mar. 25/66.

IS YOUR REPORT COMPLETE?

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 46
FIELD W/C
LEASE ~~Farm~~ Tet-Nez-Ah
WELL NO. 5-22
LOCATION Rainbow Lake
PROVINCE Alta

CONTRACTOR Cascade Drlg. DATE March 23/66
RIG NO. 1 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 MN M. TO 8 A M

DRILLER [illegible]

OPERATING DATA			
SIZE D.C.	8" & 6"	PUMP SPM	60
NO. D.C.	1-20	PUMP PRESS	1400
PUMP STROKE	18	ROTARY RPM	100
LINER SIZE	6	WT. ON BIT	35

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
21	8 3/4	RT2G	614	12 3/4

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
12 MN	9	305		
2:00	9.9	32		
4:00	9	34		
6:00	9.9	220		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
6112	6299				

SURVEYS

DEPTH	ANGLE
6299	2°

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12:00	1:15	Drlg 8 3/4" Hole
1:15	1:30	Rig Serv
1:30	4:00	Drlg
4:00	4:30	Circ To Clean Hole
4:30	5:00	Survey
5:00	5:45	Pump Out Tight Hole
5:45	8:00	Pump Out 4 Stds & Circ

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.P. HRS.	W.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A.M. TO 4 P.M.

DRILLER Bert White

OPERATING DATA			
SIZE D.C.	8" & 6"	PUMP SPM	
NO. D.C.	1-20	PUMP PRESS	1600
PUMP STROKE	18	ROTARY RPM	
LINER SIZE	6"	WT. ON BIT	

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
21	8 3/4	RT2G	614	17 3/4

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Celtone	1200		
Lime	600	10 Sacks	

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8:00	9:00	Circ Hole & Condition Mud
9:00	11:00	Try To Bail Pipe. Pull 6 Stds To 180 m.
11:00	1:15	Circ Hole & Condition
1:15	2:00	20 mud To Clean Hole.
2:00	4:00	Pull out Hole Good

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.P. HRS.	W.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4:00 P.M. TO 12:00 MN

DRILLER [illegible]

OPERATING DATA			
SIZE D.C.	6 3/4	PUMP SPM	56
NO. D.C.	21	PUMP PRESS	1700
PUMP STROKE	18	ROTARY RPM	100
LINER SIZE	6"	WT. ON BIT	35

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
22	8 3/4	HCT	66	1 1/2

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
To kill Lo Take			

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
6299	6365	66			

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Layed down 2 jts 4" Bent drill pipe. Bent pipe twisted off.

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4:00	5:30	Finish Trip Out
5:30	5:45	Service Rig Both Blind Rams
5:45	6:00	Trip Drilling Line
6:00	9:30	Trip in Lay down Bent drill pipe
9:30	11:00	Break Circ & Clean out 15' Fill
11:00	11:30	Drilling
11:30		Rig adjust in Shakers Tank Use to high Back to Slow down tanks.

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.P. HRS.	W.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

D\W FOOTAGE THIS 24 HRS. _____

SIGNED [illegible] Co. R.

DATE Thurs 24/66

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 4-5
FIELD Round Mtn
LEASE Fee NE/4
WELL NO. J-12
LOCATION
PROVINCE Utah

CONTRACTOR CASCADE DRLG. DATE MAR. 22/66
RIG NO. 9 ROTARY ☑ SERVICE ☐

MORNING TOUR MID M. TO 6 A M

DRILLER E. Skinner.

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Cond. Mud for Prod. Pipe
Tag Bottom Lock Gasket
Hook up Single & Bleed Lines
Hook up Samples

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
1100	1215	Rig service
1215	1445	Trip Bit #21 Stands Hard to Break
1445	545	Run Overshot Pick up Top Single
545	600	Slip drlg line
600	900	Run in W/Bit #21

DAY WORK RATES: W.O.P HRS. MIN. | W.O.D.P HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 6 A M TO 4 P M

DRILLER Bill Wilcox

OPERATING DATA: SIZE D.C. 6 5/8 | PUMP SPM 60 | NO. D.C. 1-20 | PUMP PRESS 1400 | PUMP STROKE 18 | ROTARY RPM 50 | LINER SIZE 6" | WT. ON BIT 35/45

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
21	8 3/4	J55	178	6 1/2

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
10	8.7	35			1868 Lime	1600		
12	8.7	42			Kenx 3B.	400		
2	8.7	27						

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
5465	5826				

SURVEYS: DEPTH 5256 | ANGLE 1 1/2

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
600	615	Rig to Run 10'
615	630	Ser Rig & B.O.P.
630	930	Drlg
930	945	Circ & Pump Pill
945	1030	Drlg
1030	1045	Repair Air Line To Rotary
1045	330	Drlg
330	400	Survey

DAY WORK RATES: W.O.P HRS. MIN. | W.O.D.P HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M TO 12 P M

DRILLER Dennis Mauchley

OPERATING DATA: SIZE D.C. 6 5/8 | PUMP SPM 60 | NO. D.C. 1-20 | PUMP PRESS 1400 | PUMP STROKE 18 | ROTARY RPM 50/80 | LINER SIZE 6" | WT. ON BIT 35/45

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
21	8 3/4	J55	427	14

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
6	8.8	32						
10	8.9	31						
12	8.9	33						

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
5465	6112				

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
400	415	Ser Rig
415	1200	Drlg

DAY WORK RATES: W.O.P HRS. MIN. | W.O.D.P HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. ____ TOTAL DRLG TIME THIS 24 HRS. ____ TOTAL DAY WORK THIS 24 HRS. ____

HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____

D\W FOOTAGE THIS 24 HRS. ____

SIGNED A. M. Rachlow Dist. Engr.

DATE Mar. 23/66

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 411
FIELD W/C
LEASE SCOTIE LAKE
WELL NO. J-72
LOCATION SCOTIE L. J-72
PROVINCE N.W.T.

CONTRACTOR CASCADE Drlg DATE MAR 21/66
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR

MORNING TOUR Mid M. TO 8A M DRILLER D Bellerive

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	1-20	PUMP SPM	60	20	8 3/4	HWNG	250	10 1/4
NO. D.C.	8 1/4-6 3/4	PUMP PRESS	500					
PUMP STROKE	14	ROTARY RPM						
LINER SIZE	6	WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.
12	8.7	117		
2	8.7	141		
4	8.7	229		
7	8.9	175		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
15 SKS Lime			
2 Bbls Key-Seal #1			
26 Sks Gel			

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
2085					

SURVEYS DEPTH / ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12	12 1/2	Rig Serv
12 1/2	4 30	Circ & Cond Mud.
4 30	5 30	Bomb & Stds (Tite)
5 30	6	Pump Out 2 Sks
6	8	Circ To Clean Hole

DAY WORK RATES

	W.O.P HRS.	W.O.P MIN.	W.O.D.P HRS.	W.O.D.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR

DAYLIGHT TOUR 8A M TO 4P M DRILLER Bob Fourre.

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	8 1/4-6 3/4	PUMP SPM	60	20	8 3/4	HWNG	250	10 1/4
NO. D.C.	1-20	PUMP PRESS	1350					
PUMP STROKE	12	ROTARY RPM	50					
LINER SIZE	6"	WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Gel Tone	150		
Lime	1 sx		
Key-1	4 Bbl		
Key-3	2 Bbl		

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
2085					

SURVEYS DEPTH / ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8A	8A	Ser Rig & BOP.
8A	4P	Circ & Condition Mud @ 3000'.
4P	8P	Pull To 4645' & Run In To 3000' Bridge.
8P	12M	Ream Bridges
12M	1A	Run In To 3330'
1A	2A	Ream Firm. Fill To 3665'

DAY WORK RATES

	W.O.P HRS.	W.O.P MIN.	W.O.D.P HRS.	W.O.D.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR

EVENING TOUR 4P M TO 12P M DRILLER Dennis Hawchuck

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	8 1/4-6 3/4	PUMP SPM	60	20	8 3/4	HWNG	250	10 3/4
NO. D.C.	1-20	PUMP PRESS	1350					
PUMP STROKE	12	ROTARY RPM						
LINER SIZE	6"	WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
2 Bentonite	3#		

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
3665					

SURVEYS DEPTH / ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4P	5P	Ser Rig.
5P	6:30	Circ Hole To Trip.
6:30	7P	Work on Rotary Torque.
7P	8:30	Pull Out
8:30	9:30	Repair Brk Out Line.
9:30	12M	Pull Out - Pipe Very Hard To Jar @ Joints
		Hole Good.

DAY WORK RATES

	W.O.P HRS.	W.O.P MIN.	W.O.D.P HRS.	W.O.D.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK TIME THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

D\W FOOTAGE THIS 24 HRS. _____

SIGNED H W Kaylen Co. R.

DATE Mar 22/66

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (A...

FORM PO-212-A (TEC) 4-64

REPORT NUMBER 27 13.

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

FIELD W/C

LEASE Bovie Lake

WELL NO. J-72

LOCATION Bovie J-72

PROVINCE N.W.T.

CONTRACTOR Cascade. DATE MAR 20/66

RIG NO. 19 ROTARY ☒ SERVICE ☐

DRILLER R. Gibson

MORNING TOUR (2 HRS) M. TO 8 A.M.

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	30'	PUMP SPM	60	19	8 3/4	OSC-1GJ	39	2
NO. D.C.	2	PUMP PRESS	1375	20	8 3/4	MUNG S		4 1/2
PUMP STROKE	18	ROTARY RPM	60					
LINER SIZE	6"	WT. ON BIT	30					

HOLE DATA — DRILLED FROM 5435 TO 5471; RATHOLED; REAMED

SURVEYS — DEPTH / ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12 MN	1	CHECKING BIT & ENGINE
1	1 30	TRIP D.P.
1 30	4	RIG SERV.
4	4 30	HOIST FOR NEW BIT
4 30	4 45	CHANGE BIT + CHECK BEARINGS.
4 45	6 15	RUN IN
6 15	7 15	CLEAN 8' FILL + REAM
7 15	8	3' TO BOTTOM
8		DRLG

DAY WORK RATES

	W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A.M. TO 4 P.M.

DRILLER Robt Wilson

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	8 1/2	PUMP SPM	60	23	8 3/4	MUNG	198	7 3/4
NO. D.C.	1-20	PUMP PRESS	1700					
PUMP STROKE	18	ROTARY RPM	60/50					
LINER SIZE	6"	WT. ON BIT	30/35					

HOLE DATA — DRILLED FROM 5471 TO 5537; RATHOLED; REAMED

SURVEYS — DEPTH / ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Twisted off D.P. broke bridge. Pump pressure jumped up from 900# to 1950# in approx 3 min. Pulled out of hole. Pin and pulled out of box. Picked up overshot and ran in. Latched on to D.P. Pulled up to 170,000# over.

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
DIESEL	30 BBLS.		
DILUTE SETTLING TANK.			

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4	7	DRLG
7	7 30	SER RIG + B.O.P.'S
7 30	12	DRLG
12	1 30	RUN SURVEY WIRE LINE MEAS
1 30	4	DRLG

DAY WORK RATES

	W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M TO 12 P.M.

DRILLER G. Thatcher

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	8 1/2	PUMP SPM	60	20	8 3/4	MUNG	249	16 1/4
NO. D.C.	1-20	PUMP PRESS	1375					
PUMP STROKE	18	ROTARY RPM	60					
LINER SIZE	6"	WT. ON BIT	35/40					

HOLE DATA — DRILLED FROM 5537 TO 5605; RATHOLED; REAMED

SURVEYS — DEPTH 5550 / ANGLE 2

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

and fish started moving but stringers approx 30 40 M#. Slips down overshot. Put Kelly on and circulated hole and conditioned mud.

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4 00	4 30	SURVEY
4 30	4 45	SER RIG + B.O.P.'S
4 45	5 15	DRLG.
5 15		TRIP OUT 3 STDS BELOW TABLE. RUN IN W/ OVERSHOT & SET ON FISH.
10 00		P.U. OUT SAME. LAY DOWN OVERSHOT
10 15	12 00	PICK UP KELLY & BRK CIRC CIRC & CONDITION MUD. WORK PIPE.

DAY WORK RATES

	W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK TIME THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED A. M. Kaplan CO. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE MAR 21/66.

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS

FORM PD-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 42
FIELD WILDCAT
LEASE BOUIE 5-72
WELL NO.
LOCATION TEXACO-NFA
PROVINCE N.W.T.

CONTRACTOR CASCADE DRLG DATE MAR 19 66
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR (12 HRS) M. TO 8 P M DRILLER S. NIAUCHUK.

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	13	PUMP SPM		10	8¾	MUNG	R&R	
NO. D.C.	6	PUMP PRESS	1775					
PUMP STROKE	18	ROTARY RPM						
LINER SIZE	6	WT. ON BIT						

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE
5414							

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Waited 1 hr before reenering back in to bottom and found approx 20' of fill. Found 12' of fill on 2nd reenry trip found 8-10' of fill on 3rd reenry trip circ 2 hrs. and then started up

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12	12½	Rig Serv + Check BOPs
12½	12¾	Run in #
12¾	2½	Clean out 20' Fill + Circ
2½	2¾	Hoist 9 STDS.
2¾	3¾	Wait for Shale to Settle
3¾	5	To Bottom
5	5½	Run in 9 STDS (12' fill)
5½	6½	Clean out Fill + Circ
6½	7	Hoist 9 STDS
7	7½	Wait for Shale to Settle Out
7½	7¾	Run in (8' Fill)
7¾	8	Clean out Fill + Circ
		Cores

DAY WORK RATES

	W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A M TO 4 P M DRILLER R. Patterson

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	13	PUMP SPM	62	10	8¾	MUNG	R&R	
NO. D.C.	6	PUMP PRESS	1200					
PUMP STROKE	18	ROTARY RPM						
LINER SIZE	6	WT. ON BIT						

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE
5414	5416						

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

To prepare for Magnetic Run. Pick up Magnet and junk sub. Found 2-3 ft of fill on bottom started magnet and junk subs Pulled out recovered both cores and about a dozen bearings.

MUD TEST DATA

TIME	WT	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4	4½	Rig Serv + Check BOPs
4½	9	Circ
9	9½	Hoist
9½	1130	Pick up Magnet + 3 Jnk Subs.
		Subs + Bumper Sub in Run
		6 DC's
1130	200	Slip 39' Drlg Line
200	330	Run in w/ Magnet
330	400	Work Magnet + 3 Jnk Subs.

DAY WORK RATES

	W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4P M TO 12P M DRILLER Pat White

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	6¾	PUMP SPM	60	FG	8¾	HSCG	19	2
NO. D.C.	21	PUMP PRESS	1900					
PUMP STROKE	18	ROTARY RPM						
LINER SIZE	6	WT. ON BIT						

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE
5416	5435						

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
400	600	Pull out w/ Magnet.
600	615	Ser Rig + B.O.P's
615	815	Make up 3 Pt Rmr + Bit.
		Run DC's Picked up
		14 DC + 2-6¾ in Dak. +
		5 DC off Rack.
815	1900	Run in To Btm.
1900	2200	Drlg.

DAY WORK RATES

	W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED E. Rainer Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE Mar. 20/66

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 341
FIELD UTC
LEASE Texaco NEA
WELL No. J-72
LOCATION Bouie Lake
PROVINCE N.W.T.

CONTRACTOR Cascade Drlg. DATE MAR 18/66
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 M. M. TO 8 A.M. DRILLER D. Whitehawk.

OPERATING DATA			
SIZE D.C.	6¾	PUMP SPM	62
NO. D.C.	13	PUMP PRESS	1200
PUMP STROKE	18	ROTARY RPM	80
LINER SIZE	6"	WT. ON BIT	

BIT DATA

NO.	SIZE	TYPE	FT AGE	HRS. RUN
10	6¾	HTC		16

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
					5448

SURVEYS

DEPTH	ANGLE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12M	12	Rig Serv
12	8	Reaming To Tie Hole

DAY WORK RATES

W.O.P HRS.	W.O.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Top of fish @ 4581 ft started
reaming 10' above fish.

Top 60' reamed - 4 hrs.
Cavings over shaker - heavy
some 1" + diameter.

Stuck @ 4668 ft worked
loose after ½ hr.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8A M TO 4P M DRILLER [illegible]

OPERATING DATA			
SIZE D.C.	6¾	PUMP SPM	62
NO. D.C.	13	PUMP PRESS	1260
PUMP STROKE	18	ROTARY RPM	
LINER SIZE	6"	WT. ON BIT	

BIT DATA

NO.	SIZE	TYPE	FT AGE	HRS. RUN
15RR	6¾	HTC	out.	

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
	5414				

SURVEYS

DEPTH	ANGLE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
600	8¼	SER RIG & B.O.P.
8¼	18	CLEANING HOLE. TO BTM.
18¼	1230	CIRC & CLEAN HOLE.
1230	17¼	SET KELLY BACK TO PULL 10 STD TRIP PULL TIGHT FIRST 6'.
17¼	3¼	CIRC HOLE TO CLEAN.
3¼	345	SHUT OFF PUMP FOR YARD TRY TO PULL UP (TIGHT).
345	4¼	CIRC HOLE TO CLEAN.

DAY WORK RATES

W.O.P HRS.	W.O.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4P M TO 12 P.M. DRILLER Bert Wilson

OPERATING DATA			
SIZE D.C.	6¾	PUMP SPM	62
NO. D.C.	13	PUMP PRESS	1200
PUMP STROKE	18	ROTARY RPM	
LINER SIZE	6"	WT. ON BIT	

BIT DATA

NO.	SIZE	TYPE	FT AGE	HRS. RUN
15RR	6¾	HTC	out.	

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
KEN-X 3	2 BBL.		
LIME	1000		

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
	5414				

SURVEYS

DEPTH	ANGLE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
400	415	SER R.C & B.O.P.
415	700	CIRC HOLE & MIX KEN X 3
700	915	BRAKE 10 STD DUMMY TRIP PUMP 3 SINGLES OUT & REAM 60' FILL TO BTM.
915		CIRC HOLE & WORK PIPE. LOTS OF SHALE RETURNS.
	1115	& SHAKER.
1115	1200	PULL 9 STDS & 1 SINGLE.

DAY WORK RATES

W.O.P HRS.	W.O.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Found 60' of fill on bottom after 10 std Dummy trip.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED _____ Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE Mar. 18/66

IS YOUR REPORT COMPLETE?

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 240
FIELD W/C
LEASE TEXACO NFH.
WELL NO. J-72
LOCATION Bouie Lake
PROVINCE N.W.T.

CONTRACTOR Cascade Drilling Co DATE March 17/66

RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12:00 M. TO 8:00 M

DRILLER Norman Clute

OPERATING DATA				BIT DATA						MUD TEST DATA					MUD ADDED THIS TOUR			
				NO.	SIZE	TYPE	FTAGE	HRS.	R.N	TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.		PUMP SPM																
NO. D.C.		PUMP PRESS																
PUMP STROKE		ROTARY RPM																
LINER SIZE		WT. ON BIT																

HOLE DATA						SURVEYS	
DRILLED		RATHOLED		REAMED		DEPTH	ANGLE
FROM	TO	FROM	TO	FROM	TO		

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.
8:00		Tripping down on Pipe.				
1:00		Work Pipe up				
3:00		Trip down to face Samples.				
3:00		Trip out with Bit.				
		Tripping out -				
4:00		Lay down Drill Collars				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8:00 M TO 4:00 P.M.

DRILLER Bob Allen

OPERATING DATA				BIT DATA						MUD TEST DATA					MUD ADDED THIS TOUR			
				NO.	SIZE	TYPE	FTAGE	HRS.	R.N	TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.		PUMP SPM		RR	8¾	HYC	OUT											
NO. D.C.		PUMP PRESS																
PUMP STROKE		ROTARY RPM																
LINER SIZE		WT. ON BIT																

HOLE DATA						SURVEYS	
DRILLED		RATHOLED		REAMED		DEPTH	ANGLE
FROM	TO	FROM	TO	FROM	TO		

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.
8:00	8:15	Ser. Rig.				
8:15	8:30	Run in 4 Cir. DC's. Lay 2				
		Start DC's down. Measure				
		all DC's & Pipe in Derk.				
8:30		Brk Circ @ 9665. Ream to				
		9750' Found Fill. Ream to				
	9:15	9860' Hole Sluffed				
9:15	9:30	Work Tight Hole to Regain Circ.				
9:30	10:00	Circ Hole Lots of Shale				
		Returns.				
10:00	12:00	Ream Singles - Circ 15 to 25				
		mins per Single.				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR ____ M TO ____ M

DRILLER Bob White

OPERATING DATA				BIT DATA						MUD TEST DATA					MUD ADDED THIS TOUR			
				NO.	SIZE	TYPE	FTAGE	HRS.	R.N	TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.	6¾	PUMP SPM		RR	8¾	HYC	OUT											
NO. D.C.	13	PUMP PRESS																
PUMP STROKE	18	ROTARY RPM																
LINER SIZE	6"	WT. ON BIT																

HOLE DATA						SURVEYS	
DRILLED		RATHOLED		REAMED		DEPTH	ANGLE
FROM	TO	FROM	TO	FROM	TO		
9716							

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.
4:00	9:15	Ser Rig.				
9:15	9:30	Run in 4 Cir DC's. Lay 2				
		Start DC's down. Measure				
		all DC's & Pipe in Derk.				
9:30		Brk Circ @ 9665. Ream to				
		9750' Found Fill. Ream to				
	9:15	9860' Hole Sluffed				
9:15	9:30	Work Tight Hole to Regain Circ.				
9:30	10:00	Circ Hole Lots of Shale				
		Returns.				
10:30	12:00	Ream Singles - Circ 15 to 25				
		mins per Single.				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. ____ TOTAL DRLG TIME THIS 24 HRS. ____ TOTAL DAY WORK THIS 24 HRS. ____

HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ SIGNED ____ Co. R.

D\W FOOTAGE THIS 24 HRS. ____ DATE ____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 59
FIELD W/C
LEASE N.W.T. Texaco
WELL NO. J76
LOCATION Joure Lake
PROVINCE N.W.T.

CONTRACTOR Cascade Drilling Co. DATE March 16/66
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 30 M. TO 8 00 AM

DRILLER [illegible]

OPERATING DATA			
SIZE D.C.	6 3/4	PUMP SPM	20
NO. D.C.	14	PUMP PRESS	1000
PUMP STROKE	18	ROTARY RPM	60
LINER SIZE	6"	WT. ON BIT	

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
W-53	6 1/2	OVER SHOT.		
	6 1/2 OD.			

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
75	5516				

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, COPING, CASING RUN, CEMENT PLUGS, ETC.)

Washover fish from 4557-

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
1200		Source rig check
	B.J.	Finish trip out
0515		Pick up jts of wo. pipe
1015	1100	S.I.F. to Dilg line.
1100		Trip in w/ wo-tube
		Stdg - using pipe
	5th	Plug -
515		Begin circ & clean
	630	to top of fish.
630		W.O. fishing over fish.

DAY WORK RATES

	W.O.P. HRS.	W.O.P. MIN.	W.O.L.P. HRS.	W.O.L.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 4 15 M TO 4 16 M

DRILLER [illegible]

OPERATING DATA			
SIZE D.C.	6 3/4	PUMP SPM	
NO. D.C.	14	PUMP PRESS	
PUMP STROKE	18	ROTARY RPM	
LINER SIZE	6"	WT. ON BIT	

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN

MUD TEST DATA

TIME	WT	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
0700	0900	Rig Service Check BOPE
0900	1300	Washing over fish
1300	1500	Circ Following Hole
1500	1600	Hoisting

DAY WORK RATES

	W.O.P. HRS.	W.O.P. MIN.	W.O.L.P. HRS.	W.O.L.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P. M TO 12 P.M

DRILLER [illegible]

OPERATING DATA			
SIZE D.C.	6 3/4	PUMP SPM	
NO. D.C.	26	PUMP PRESS	
PUMP STROKE		ROTARY RPM	
LINER SIZE		WT. ON BIT	

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
0900	0915	SLIP R.G.
0915	1515	Finish trip out w/ washpipe
		Lay down 2 Bumper Sub & Jars
		& Btm Hole DC Std w/ Pipe
		in Derr.
1515		Pick up 60" Bumper Sub - Jars
	1830	& 26 DC's measure & Cal. Same
1830	1000	Run in w/ D. Pipe. (measure)
1000	1045	Brk Circ & Screw into Fish.
1045	1200	Jar on Fish. Down 3

DAY WORK RATES

	W.O.P. HRS.	W.O.P. MIN.	W.O.L.P. HRS.	W.O.L.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

NEW FOOTAGE THIS 24 HRS. _____

SIGNED [signature] Co. R.

DATE Mar. 17/66.

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 38
FIELD W/C
LEASE N.F.P.
WELL NO. J 72
LOCATION BOVIE LAKE
PROVINCE N.W.T.

CONTRACTOR Cascade Drilling Co. DATE March 15. 1966

RIG NO. 19 ROTARY ☑ SERVICE ☐

DRILLER Ostrauchuk

MORNING TOUR 12:00 M. TO 8:00 A M

OPERATING DATA			
SIZE D.C.	6 3/4"	PUMP SPM	65
NO. D.C.	12	PUMP PRESS	800
PUMP STROKE	18"	ROTARY RPM	—
LINER SIZE	6"	WT. ON BIT	—

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
R2	8 3/4	J MING		

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
3:00		70		
4:00		70		
5:00		110		
6:00		120		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Gel-Tone	1550#		

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
10-3916					

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12:00	3:00	Circulate - Wait on Chemicals for Mud
3:00	8:00	Mix Gel-tone (Magcobar) to raise Vis & Gels.

DAY WORK RATES

	W.D.P. HRS.	W.D.P. MIN.	W.O.P. HRS.	W.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 AM TO 4 P M

DRILLER [illegible]

OPERATING DATA			
SIZE D.C.	6 1/4	PUMP SPM	65
NO. D.C.	6 3/4	PUMP PRESS	700
PUMP STROKE	18	ROTARY RPM	
LINER SIZE	6	WT. ON BIT	

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
R2	8 3/4	J MING		

MUD TEST DATA

TIME	WT	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Gel-Tone	1300#		

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
3916					

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8:00	9:00	Rig Serv & Check BOP's
9:00	11:00	Attempt To Work Bit - Hole Tite
11:00	2:00	Circ & Mix Gel-Tone
2:00	3:00	Attempt To Come Out - Hole Tite
3:00	3:30	Circ & Mix Gel-Tone
3:30	4:00	Hoisting

DAY WORK RATES

	W.D.P. HRS.	W.D.P. MIN.	W.O.P. HRS.	W.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M TO 12 P M

DRILLER Bob Wilson

OPERATING DATA			
SIZE D.C.	6 3/4	PUMP SPM	60
NO. D.C.	12	PUMP PRESS	1100
PUMP STROKE	18	ROTARY RPM	
LINER SIZE	6"	WT. ON BIT	

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
R2	8 3/4	J MING	3916	24

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
3916					

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4:00	4:30	Pull 16 STD. TRIP.
4:30	5:00	Run in To Top of Fish.
5:00	6:30	Circ Heavy Mud Down 6 3/4" & Circ Hole.
6:30	6:45	Ser Rig.
6:45	8:00	Circ Hole
8:00	9:00	Make 16 STD TRIP.
9:00	10:00	Circ Hole & Fill.
10:00	12:00	Pull Out To Run Wiper.

DAY WORK RATES

	W.D.P. HRS.	W.D.P. MIN.	W.O.P. HRS.	W.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED _____ Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE March 16/66

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALPHAGRAM) LTD.

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 37
FIELD W/C
LEASE Texaco NTH
WELL NO. J72
LOCATION Bogie Lake
PROVINCE N.W.T.

CONTRACTOR Cascade Drilling
DATE March 14. 1966
RIG NO. 19
ROTARY ☑ SERVICE ☐

MORNING TOUR 200 M. TO 800 AM
DRILLER Chaucher

OPERATING DATA			
SIZE D.C.	6 1/4	PUMP SPM	60 SK
NO. D.C.	14	PUMP PRESS	700
PUMP STROKE	18	ROTARY RPM	
LINER SIZE	6"	WT. ON BIT	

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
	8 3/4	MUNK		

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
300		106		
330		103		
430		96	8	
600		77		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Crude Oil	200 bbls		
Kem-A-I	4 gals		
3500 # Bimic			

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
TD 5416					

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Add 100 BBL Oil To Mud System.

Brook Creek Crude. (Sun Oil).

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
200	330	Finish Flip in 4 Arco
330	500	Service Rig + Pipe
500	515	Rig up to add oil to mud.
515	600	Adding Oil to Mud. Circ Condition Mud.

DAY WORK RATES

	W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR ____ M. TO ____ M
DRILLER ____

OPERATING DATA			
SIZE D.C.		PUMP SPM	
NO. D.C.		PUMP PRESS	
PUMP STROKE		ROTARY RPM	
LINER SIZE		WT. ON BIT	

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
5416					

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
600	630	Finish Strapping DP
630	700	Pick up 15 DC's To...
700	800	Wait on Tools
800	1100	Service Rig + Check BOP
1100	1200	Wait on Schlumberger
1200	1300	Run Caliper Log
1300	1400	Wait on Chemicals For Mud

DAY WORK RATES

	W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 2:00 M. TO 12:00 M
DRILLER Bob Wilson

OPERATING DATA			
SIZE D.C.	6 3/4	PUMP SPM	60
NO. D.C.	14	PUMP PRESS	550
PUMP STROKE	18	ROTARY RPM	
LINER SIZE	6"	WT. ON BIT	

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
	8 3/4	Hughes	30'	

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
400	415	SER RIG + BLIND RAMS.
415	500	WAIT ON ORDERS.
500	530	RUN IN TO TOP OF FISH. 40' OF LIGHT BRIDGES FILL.
530	830	CIRC + WORK PIPE.
830	900	BREAK KELLY TO MAKE 10 STD DUMMY TRIP. PULLED TIGHT FIRST 10' HARD TO BRK CIRC
900	1200	CIRC HOLE-WORK PIPE

DAY WORK RATES

	W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. ____ TOTAL DRLG TIME THIS 24 HRS. ____ TOTAL DAY WORK HRS 24 HRS. ____

HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____

D\W FOOTAGE THIS 24 HRS. ____

SIGNED E. Brown Jr. TO R.

DATE Mar. 15/66

IS YOUR REPORT COMPLETE?

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 3436.
FIELD W/C
LEASE N.E.A.
WELL NO. J 72
LOCATION Bovie Lake
PROVINCE N.W.T.

CONTRACTOR Cascade Drilling DATE March 13/66

RIG NO. 19 ROTARY ☑ SERVICE ☐

DRILLER Donaldson

MORNING TOUR 12 00 M M. TO 8 00 A M

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.
12 00		Wait on logging truck - Clean up Rig. Cut & slip Drilling line				
8 00						

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR _____ M TO _____ M DRILLER _____

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM		RR	8¾	HTC		
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.
8 00	9 00	Wait on Log Truck				
9 00	9 30	Rig Cut & Slip Drilling Line				
9 30	10 00	Rig up to run Logs				
10 00	12 00	Run Logs				
12 00	1 30	Rig up to Run Tools				
1 30	2 00	Run Tools to Open Hole				
2 00	4 00	Hoist 3 Stands				
		Total Rig Time 3 Hrs				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M TO 12 P M DRILLER Ted Adkins

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM		RR	8¾	HTC		
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE
5976							

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.
4 00	4 15	SER RIG				
4 15	4 30	CIRC HOLE				
4 30	6 15	PULL OUT				
6 15	1 00	WAIT FOR LOG TRUCK.				
1 00	12 00	RUNNING IN HOLE TO MIX CRUDE OIL IN SYSTEM.				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED E. Brown Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE Mar. 14-66.

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) L.O.

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 2335
FIELD W/C
LEASE NEA.
WELL NO. 772
LOCATION Bovie Lake
PROVINCE

CONTRACTOR Cascade Drilling DATE March 12/66
RIG NO. 19 ROTARY ☒ SERVICE ☐

MORNING TOUR 12:00 M. TO 8:00 AM

DRILLER Andrew Clark

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | TO | RATHOLED FROM | TO | REAMED FROM | TO

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Layed down 2 stds out of string.

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
6:00	1:00	Bumping fish down
1:00	2:30	Jarring fish up.
2:30		Hoist Wirst Slowly Chain Long out
	7:00	Lay Pipe Muggeck.
7:00	7:30	Break & Lay down Jars -
7:30		Break Bitt Pull Float & Unplugging Pull Collars Tofloor
	8:00	Shale.

DAY WORK RATES: W.O.P HRS. | MIN. | W.O.P HRS. | MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A M. TO 4 P.M

DRILLER [illegible]

BIT DATA: NO. RR | SIZE 8¾ | TYPE Mill 6.

OPERATING DATA: SIZE D.C. 4½ | PUMP SPM | NO. D.C. 6 4½ | PUMP PRESS | PUMP STROKE 18" | ROTARY RPM | LINER SIZE 6" | WT. ON BIT

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM [illegible] | TO | RATHOLED FROM | TO | REAMED FROM | TO

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8:00	12:00	Fish Jars Hole Clear
12:00	1:00	Lay down Hole Clear
1:00	2:00	Pick up Bit & Jars
2:00	4:00	Circ & Trip in Hole
4:00		Out to Top of Fish

DAY WORK RATES: W.O.P HRS. | MIN. | W.O.P HRS. | MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M. TO 12 P.M

DRILLER [illegible]

BIT DATA: NO. RR | SIZE 8¾ | TYPE Mill 6 | FTAGE Out

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM 5316 | TO | RATHOLED FROM | TO | REAMED FROM | TO

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4:00	5:15	Clean out to Top of Fish
5:15		Circ on Top of Fish
		Top of Fish @ 4381'
	6:30	Circ w/ Both Pumps ½ Hr.
6:30	7:00	Pull 2 Stds & 2 Singles Pull
		Tight Lay Down 2 Singles
7:00	7:30	Circ - Hard to Break Circ
7:30	8:00	Pull 2 Stds - Tight
8:00	8:30	Circ
8:30	10:00	Pull out to Csg
10:00	12:00	Wait for Log Truck.

DAY WORK RATES: W.O.P HRS. | MIN. | W.O.P HRS. | MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

D\W FOOTAGE THIS 24 HRS. _____

SIGNED G. Brooks Co. R.

DATE _____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER ~~33~~ 34.
FIELD W/C
LEASE N.F.A.
WELL NO. J 72
LOCATION Bovie Lake
PROVINCE N.W.T.

CONTRACTOR Cascade Drilling DATE March 11/66
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 30 M. TO 8 00 A M

DRILLER [illegible]

OPERATING DATA			
SIZE D.C.	6¾	PUMP SPM	
NO. D.C.	7	PUMP PRESS	
PUMP STROKE	15	ROTARY RPM	
LINER SIZE	6"	WT. ON BIT	

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
16	RR-3	X33		

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Kenex #3	2 bx.		

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
4585					

SURVEYS

DEPTH	ANGLE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
0 00		Pull out. Free-point indicator & repair
1 30		Same
3 30		Run free-point.
5 00		Drop bar to open pipe float.
6 00		Back off stuck pipe
		Drill Collars above B.C stuck.

DAY WORK RATES

	W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT, PLUGS, ETC.)

Top of fish @ 4587'
Bit Stuck @ 4243'

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A M TO 4 P M

DRILLER [illegible]

OPERATING DATA			
SIZE D.C.		PUMP SPM	
NO. D.C.		PUMP PRESS	
PUMP STROKE		ROTARY RPM	
LINER SIZE		WT. ON BIT	

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
16	RR-4	X33		

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
9.	8.9	48.		
12.	9.1	201		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
4586					

SURVEYS

DEPTH	ANGLE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8 00	8 30	Rig Service
8 30	9 00	Work stuck pipe
9 00	11 00	Run strings shot (4)
		Back off below collars
		Work Loose
11 00	3 00	Circ & cond mud
3 00	5 00	Lay down 3 singles
5 00		Pick up fish

DAY WORK RATES

	W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT, PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M TO 12 P M

DRILLER [illegible]

OPERATING DATA			
SIZE D.C.	6¾	PUMP SPM	
NO. D.C.	24	PUMP PRESS	
PUMP STROKE	15	ROTARY RPM	
LINER SIZE	6"	WT. ON BIT	

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
3916	CTD				

SURVEYS

DEPTH	ANGLE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4 00	5 00	Finish trip out lay down DC.
		Shot was shot off.
5 00	6 00	Pick up Bowen jt Bumper Sub & Jars.
6 00	6 30	Set R.C.
6 30		Run in 13 DC's in drk. Pick up 11 DC's off Rack Run
	10 00	37 stds & 1 single & circ
10 00		Screw into fish & work
	12 00	Bumper Sub & Jars.
		Note: DC's measured & Cal.
		D.P. measured in hole.
		Top of fish @ 4178'

DAY WORK RATES

	W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT, PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

D\W FOOTAGE THIS 24 HRS. _____

SIGNED E. Brown Co. R.

DATE Mar. 12/66.

IS YOUR REPORT COMPLETE?

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 33

FIELD W/C.

LEASE NFA.

WELL NO. STD

LOCATION Bouie Lake

PROVINCE NWT.

CONTRACTOR Cascade Drlg. DATE March 10/66

RIG NO. 19 ROTARY ☐ SERVICE ☐

DRILLER Quantrick

MORNING TOUR 12:00 M. TO 8:00 A M

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTG	HRS. RUN
SIZE D.C.	6¼	PUMP SPM		16	8¾	A.R.	Clean	
NO. D.C.	7	PUMP PRESS	625			103	0	
PUMP STROKE	18	ROTARY RPM	—					
LINER SIZE	6	WT. ON BIT	—					

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.
	66			
	65			
	65			

MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
1653	1676				

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8:00	8:15	Service Rig + Check Hydril
8:15	8:45	Circulate Hole & Condition mud.
8:45	7:00	Run in 2 stands
7:00	7:30	Circulate
7:30	7:45	Run in 2 stands
7:45	8:00	Circulate.

DAY WORK RATES

	W.O.P HRS.	W.O.P MIN.	W.O.P HRS.	W.O.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A M TO 4 P M DRILLER R. Brown

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTG	HRS. RUN
SIZE D.C.	6¼	PUMP SPM		16	8¾	X33		
NO. D.C.	7	PUMP PRESS				103		
PUMP STROKE	18	ROTARY RPM						
LINER SIZE	6	WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8:00	8:15	Service Rig + Check Hydril
8:15	8:45	Circulate Hole & Condition mud.
8:45	7:00	Run in 2 stands
7:00	7:30	Circulate
7:30	7:45	Run in 2 stands
7:45	8:00	Circulate.
8:00	8:15	Service Rig + Check Hydril
8:15	8:45	Circulate Hole & Condition mud.
8:45	9:00	Run in 2 stands
9:00	9:30	Circulate
9:30	9:45	Run in 2 stands
9:45	10:00	Circulate.
10:00	10:30	Pull out of hole - Lay down Reamer
10:30	11:00	Pick up Bit #17 - Trip in hole
11:00	11:30	Ream through bridges
11:30	2:30	Finish Trip in to 3rd Csg.
2:30	3:30	Circ. Csg.
3:30	4:00	Run in 2 stands
4:00	4:30	Clean out to 10' to top of fish.

DAY WORK RATES

	W.O.P HRS.	W.O.P MIN.	W.O.P HRS.	W.O.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M TO 12 P M DRILLER Ken Ross

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTG	HRS. RUN
SIZE D.C.	6¼	PUMP SPM		16	8¾	X33		
NO. D.C.	7	PUMP PRESS				103		
PUMP STROKE	18	ROTARY RPM						
LINER SIZE	6	WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
KEN-X 1	4 Bbl.		
KEN-X 2	4 Bbl.		
KEN-X 3	1 Bbl.		
LIME	1100		

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
3912					

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4:00	4:15	Srv. Rig.
4:15	6:30	Circ & Cond. mud Work Trip
6:30		Make 15 stds Dummy Trip
		Pull 3 stds Came Tight
		Pick up Kelly Could not
		Circ - Work 1 Single out
	10:00	& Lay Down (Stuck)
10:00	12:00	Rig up & Run McCullough
		Free Point Indicator.
		Bit @ Approx 4243'

DAY WORK RATES

	W.O.P HRS.	W.O.P MIN.	W.O.P HRS.	W.O.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED E. Brown Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE Mar. 11/66

IS YOUR REPORT COMPLETE?

FORK PO-212-A (TEC) 4-54

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 32
FIELD W/C
LEASE NFA.
WELL NO. J72
LOCATION Boyie Lake
PROVINCE N.W.T.

CONTRACTOR Cascade Drlg Co DATE March 9/1966

RIG NO. 15 ROTARY ☑ SERVICE ☐

DRILLER Thurston Chuck

MORNING TOUR 8:00 M. TO 8:00 M

OPERATING DATA			
SIZE D.C.	6½	PUMP SPM	55
NO. D.C.	6	PUMP PRESS	600
PUMP STROKE	18	ROTARY RPM	—
LINER SIZE	6"	WT. ON BIT	—

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
2534					

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Cleaned Mud tanks.
Added 120 Barrels New
Ken-X to System.

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
6:00		Pull out & re-run
	9:00	Slug & T.O.T.
9:00		Ream Tight hole and back
		to Bottom.
	2:00	T.O.O.H.
2:00	3:30	Lay Down MR without tools
3:30	4:30	Break circulation.
4:30		Log Int. & Clean
	7:00	Circulate & Clean
		hole to T.I.P.
7:00	7:15	Hoist 465' 6DC
7:15	8:00	Pick up Bit Hom
		hole DC & Start
		Trip in w/ 8¾" Bit.

DAY WORK RATES

	W.O.P HRS.	W.O.P MIN.	W.O.P HRS.	W.O.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8A M TO 5P M

DRILLER

OPERATING DATA			
SIZE D.C.		PUMP SPM	
NO. D.C.		PUMP PRESS	
PUMP STROKE		ROTARY RPM	
LINER SIZE		WT. ON BIT	

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8:00	9:00	Rig Serv
9:00	12:00	Trip in Drg Line
12:00	1:00	Trip in Bit #2
1:00	2:00	Ream Bridges 92' 60'
2:00	3:00	Jar at Fish
3:00	4:00	Circ Sub. Head
4:00	5:00	Hoist 3 stds
5:00		Work Pipe Hole
		Could Not Circ

DAY WORK RATES

	W.O.P HRS.	W.O.P MIN.	W.O.P HRS.	W.O.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 5P M TO 12P M

DRILLER Pat Curtis

OPERATING DATA			
SIZE D.C.		PUMP SPM	
NO. D.C.		PUMP PRESS	
PUMP STROKE		ROTARY RPM	
LINER SIZE		WT. ON BIT	

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
KEN-X-1	2 BAGS		
KEN-X-3	1 SACK		
SALT	4 SKS		

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
5916					

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4:00	6:00	Work Pipe up Through
6:00	7:00	Tight Hole 3 stds 15 M/C
		Pick up Kelly & Change
		Saver Sub.
7:00		Circ Hole & Cond. Mud.
	12:00	Raise Visc

DAY WORK RATES

	W.O.P HRS.	W.O.P MIN.	W.O.P HRS.	W.O.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

D\W FOOTAGE THIS 24 HRS. _____

SIGNED G. Browne Co. R.

DATE Mar. 9. 66

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 36
FIELD W/C
LEASE Texaco NFA.
WELL NO. 372
LOCATION Boute Lake
PROVINCE N.W.T.

CONTRACTOR Cascade Drilling DATE March 8/66

RIG NO. 9 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 00M M. TO 8 00A.M DRILLER Lucas Clark

OPERATING DATA				BIT DATA						MUD TEST DATA					MUD ADDED THIS TOUR			
				NO.	SIZE	TYPE	F'TAGE	HRS. RUN		TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.	6¼	PUMP SPM		Magnet in hole														
NO. D.C.	15	PUMP PRESS																
PUMP STROKE	18	ROTARY RPM																
LINER SIZE	6"	WT. ON BIT																

HOLE DATA						SURVEYS	
DRILLED		RATHOLED		REAMED		DEPTH	ANGLE
FROM	TO	FROM	TO	FROM	TO		
3416							

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	W.O.P MIN.	W.O.P HRS.	W.O.P MIN.
12 00	8 00	Work stuck pipe & attempt to break circulation -				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 00 M TO 4 00 M DRILLER R. Brown

OPERATING DATA				BIT DATA						MUD TEST DATA					MUD ADDED THIS TOUR			
				NO.	SIZE	TYPE	F'TAGE	HRS. RUN		TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.		PUMP SPM													DEISEL	120	BBL.	
NO. D.C.		PUMP PRESS													2 DRMS KEN #1			
PUMP STROKE		ROTARY RPM													1 DRM KEN #3			
LINER SIZE		WT. ON BIT													20 BBL SALT WATER			

HOLE DATA						SURVEYS	
DRILLED		RATHOLED		REAMED		DEPTH	ANGLE
FROM	TO	FROM	TO	FROM	TO		

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	W.O.P MIN.	W.O.P HRS.	W.O.P MIN.
8 00	12 00	Wait on Tools & Crew				
12 00	4 00	Run in Free Point Indicator & Back off Drill Pipe at 3416				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M TO 12 P M DRILLER Bill White

OPERATING DATA				BIT DATA						MUD TEST DATA					MUD ADDED THIS TOUR			
				NO.	SIZE	TYPE	F'TAGE	HRS. RUN		TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.		PUMP SPM																
NO. D.C.		PUMP PRESS																
PUMP STROKE		ROTARY RPM																
LINER SIZE		WT. ON BIT																

HOLE DATA						SURVEYS	
DRILLED		RATHOLED		REAMED		DEPTH	ANGLE
FROM	TO	FROM	TO	FROM	TO		
3416							

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	W.O.P MIN.	W.O.P HRS.	W.O.P MIN.
4 00	6 00	Run in Free Pt Indicator				
6 00	9 00	Rig up Halliburton. Pump 15 BBL to Formation w/ 2100 PSI, 330,000 PULL				
9 00	10 30	Run in w/ Free Pt Indicator				
10 30	12 00	Make up String Shot & Run in to 3281 Did not release.				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED E. Brown Co. R.

DAY FOOTAGE THIS 24 HRS. _____ DATE Mar. 9. 66

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 30
FIELD WC
LEASE WFA
WELL NO. 592.
LOCATION BOOIE LK
PROVINCE NWT.

CONTRACTOR Cascade Drlg DATE 2/6/66

RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 00 M M. TO 8 00 A M DRILLER Duane Clark

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS DEPTH | ANGLE

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8 00	1 30	Wait on Magnet
1 30	1 45	Make up Magnet
1 45	3 45	Trip in w/ Magnet
3 45		Pick up Kelly &
	4 00	Break Circ.
4 00	4 15	Ream bridge @ 2570
4 15	5 00	Run in to 5290
5 00		Attempt to Break
		Circ Unable to do
	8 00	So - Pull 4 singles

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DRILLER D. D. Glenn

DAYLIGHT TOUR 8 AM M TO 4 P. M DRILLER

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS DEPTH | ANGLE

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8 00	8 30	R.S.R.U.
8 30		Work Stuck Pipe
		Lay down 11 singles

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 00 P M TO 12 00 M DRILLER

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS DEPTH | ANGLE

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4 00		Working Stuck
		Pipe.
		Lay down 1 single
		Total 16 singles
		laid down - 3 in
		one stand in derrick.

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL D/W WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

D\W FOOTAGE THIS 24 HRS. _____

SIGNED Tom Kachan Co. R.

DATE 3-8-66.

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 29
FIELD W/C
LEASE Texaco N.W.T.
WELL NO. J76
LOCATION Bouie Lake
PROVINCE N.W.T.

CONTRACTOR Cascade Drilling DATE March 6/66
RIG NO. 19 ROTARY ☒ SERVICE ☐

MORNING TOUR 1200 M. TO 800 H M

DRILLER Andrew Chubb

OPERATING DATA			
SIZE D.C.	6 3/4	PUMP SPM	50
NO. D.C.	13	PUMP PRESS	700
PUMP STROKE	18	ROTARY RPM	140
LINER SIZE	6"	WT. ON BIT	30

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
18	8 7/8	X3J	1172	17

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
12-	8.8	43		
2-	8.8	43		
4	8.8	43		
6	8.7	40		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Diesel	1400 GLS		
Non-X #1	9 BAGS		
Lime.	100		

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
4784	5190			5025	4 1/8

SURVEYS

DEPTH	ANGLE
4847	5°

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
1200	12:15	Rig Service
12:15	1:15	Drilling
1:15	1:45	Survey
1:45	5:15	Drilling
5:15	5:45	Survey
5:45	8:00	Drilling

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.R. HRS.	W.O.R. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 H M TO 4 P. M

DRILLER R. D. Chubb

OPERATING DATA			
SIZE D.C.	1-9 1/2 & 12-6 3/4	PUMP SPM	50
NO. D.C.	13	PUMP PRESS	700
PUMP STROKE	18	ROTARY RPM	140
LINER SIZE	6"	WT. ON BIT	30

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
18	8 7/8	X3J	1398	21 1/2

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
8:00	8.7	40	0	
10:00	8.7	40	1	
12:00	8.8	40	1	
2:00	8.8	40	1	

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
5190	5446				

SURVEYS

DEPTH	ANGLE
5220	4 1/4

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8:00	3:30	Drilling
3:30	4:00	Rig Serv
4:00	9:30	Drilling
9:30	10:00	Survey
10:00	12:00	Drilling
12:00	2:00	Circ
2:00	4:00	Hoist

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.R. HRS.	W.O.R. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR _____ M TO _____ M

DRILLER _____

OPERATING DATA			
SIZE D.C.		PUMP SPM	
NO. D.C.		PUMP PRESS	
PUMP STROKE		ROTARY RPM	
LINER SIZE		WT. ON BIT	

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
0-	3-	Finish Hoisting
3-	5-	Rig Serv-Check Rams
5-		Pick up 8 DC's
		Lost 3 cones.
		Wait on Magnet.

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.R. HRS.	W.O.R. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRIL. PIPE _____

D\W FOOTAGE THIS 24 HRS. _____

SIGNED L. M. Faulkner Co. R.

DATE 3-7-66.

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 28
FIELD W/C
LEASE 12-39-CO NFA.
WELL NO. J72
LOCATION Bouie Lake
PROVINCE N.W.T.

CONTRACTOR Cascade Drilling DATE March 5/66

RIG NO. 19 ROTARY ☑ SERVICE ☐

DRILLER E White.

MORNING TOUR 1200M M. TO 800A M

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	6¼	PUMP SPM	50	17	8¾	4C3C3	596	31
NO. D.C.	10	PUMP PRESS	535					
PUMP STROKE	18	ROTARY RPM	140					
LINER SIZE	6"	WT. ON BIT	25					

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
12	8.4	47		
2	8.3	43		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
3754	~~4000~~	4000			

SURVEYS DEPTH 3981 ANGLE 6½

DAY WORK RATES

	W.S.F. HRS.	W.S.F. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

-Survey-

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
600	1230	Drilling
1230	145	Serviced Rig & Rig.
145	100	Survey
100	130	Drilling
130	200	Circ & trip.
200	400	Pull Bit #17
400	415	Change Bit & Check
		Blind rams
415	545	Cut & slip drilling line
545	600	Pick up Drill Collars
600	730	Trip in w/Bit #18.
730	800	Reaming to Bottom
		from 3875-

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DRILLER D Mawchuk

DAYLIGHT TOUR 800A M TO 400P M

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	6¼	PUMP SPM	50	17	8¾	4C3	542	31
NO. D.C.	13	PUMP PRESS	600					
PUMP STROKE	18	ROTARY RPM	140					
LINER SIZE	6"	WT. ON BIT	25M					

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
12	8.3	43		
2	8.6	43.		
8	8.7	43		
4	8.4	43		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
3874	4330				

SURVEYS DEPTH 4100 ANGLE 6

DAY WORK RATES

	W.S.F. HRS.	W.S.F. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

4220 5½ Hole
4330 Left 1 cone Drill pipe Locked
Top of fish at 4220
Left 1 Tetco RBI

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
800	815	Service Rig & Check
		Hydril
815	930	Trip in to Bottom
930	1200	Drilling
1200	130	Survey
130	2	Drilling
2	215	Survey
215	400	Drlg

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DRILLER F Mawchuk

EVENING TOUR 4P M TO 12 MID M

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	7-6¼	PUMP SPM	50	18	8¾	233		
NO. D.C.	2-6¼	PUMP PRESS	575					
PUMP STROKE	18	ROTARY RPM	140					
LINER SIZE	6"	WT. ON BIT	30.					

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
6	8.4	43		
8	8.3	43		
12	8.3	42		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
	2		

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
4330	4625				

SURVEYS DEPTH 4345 ANGLE 7½ DEPTH 4490 ANGLE 5½

DAY WORK RATES

	W.S.F. HRS.	W.S.F. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

4625-5½

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
6	6	Drlg 5½ Hole
6	4	Survey
4	4	Rig Service
4	6	Drlg
6	6	Survey
6	9	Drlg
9	9	Survey
9	12	Drlg

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK TIME THIS 24 HRS. _____

PIPE _____ HRS. WITHOUT DRILL PIPE _____

SIGNED F M Rachan Co. R.

DATE 3-6-66.

IS YOUR REPORT COMPLETE?

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER W.C. 27
FIELD
LEASE TEXACO NFR
WELL NO. 2 TX
LOCATION Bourlx.
PROVINCE NWT

CONTRACTOR Cascade Drlg DATE March 4/65
RIG NO. 19 ROTARY ☒ SERVICE ☐

MORNING TOUR 1200 M M. TO 800 A M DRILLER E White.

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	STAGE	HRS. RUN
SIZE D.C.	6 3/4	PUMP SPM	50	17	8 3/4	OSC3		
NO. D.C.	10	PUMP PRESS	525					
PUMP STROKE	8"	ROTARY RPM	140					
LINER SIZE	6"	WT. ON BIT	10					

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
12	8.5	44		
2	8.4	42		
4	8.4	43		
6	8.5	45		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
3502					

SURVEYS

DEPTH	ANGLE
3550	8°

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
1200	1245	Drlg w/ 10,000 wt.
1245	300	Service Rig & BOP's
300	500	Drilling
500	530	Survey
530		Drilling w/ 10,000

DAY WORK RATES

W.D.P. HRS.	W.D.P. MIN.	W.D.D.P. HRS.	W.D.D.P. MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

No loss of Hole this tour.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 800 A M TO 400 P M DRILLER L Duncan Clerk

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	STAGE	HRS. RUN
SIZE D.C.	6 3/4	PUMP SPM	50	17	8 3/4	OSC3	3303	23 1/2
NO. D.C.	10	PUMP PRESS	525					
PUMP STROKE	8"	ROTARY RPM	140					
LINER SIZE	6"	WT. ON BIT	10					

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
800	8.4	43		
10	8.4	43		
12	8.4	43		
2	8.4	43		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
3502	3715				

SURVEYS

DEPTH	ANGLE
3644	8°
3676	2 3/4°

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
800	815	Service Rig & Check
		Pipe Rams
815	1200	Survey (A-Set)
1200		Drilling w/ 10,000 wt.
1	2	Survey
2	4	Drlg

DAY WORK RATES

W.D.P. HRS.	W.D.P. MIN.	W.D.D.P. HRS.	W.D.D.P. MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 400 P M TO 1115 M DRILLER R S Quinn

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	STAGE	HRS. RUN
SIZE D.C.	6 3/4	PUMP SPM	50	17	8 3/4	OSC3	3336	30
NO. D.C.	10	PUMP PRESS	525					
PUMP STROKE	8"	ROTARY RPM	140					
LINER SIZE	6"	WT. ON BIT	10					

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
400	8.4	42		
600	8.4	43		
800	8.4	42		
1000	8.5	42		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
3715	3754				

SURVEYS

DEPTH	ANGLE
3735	7 1/2°
3770	7 1/4°

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
400	430	Drlg
430	500	Survey
500	530	Survey
530	800	Drlg
800	900	Survey
900	1000	Drlg
1000	1030	Survey
1030	1100	Drlg
1100	1200	Survey

DAY WORK RATES

W.D.P. HRS.	W.D.P. MIN.	W.D.D.P. HRS.	W.D.D.P. MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.) 3755 - TD

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAYWORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

D\W FOOTAGE THIS 24 HRS. _____

SIGNED A M MacKellar Co. R.

DATE 3-4-66

IS YOUR REPORT COMPLETE?

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 26

CONTRACTOR Cascade Drlg DATE March 3/66

FIELD Bouie Lake

LEASE J22

WELL NO.

LOCATION

PROVINCE NWT

RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 1200 M. TO 800 M — DRILLER R White

OPERATING DATA: SIZE D.C. 6¼ | PUMP SPM 38 | NO. D.C. 17 | PUMP PRESS 550 | PUMP STROKE 18 | ROTARY RPM 90/120 | LINER SIZE 6¼ | WT. ON BIT 10/1

BIT DATA: NO. 16 | SIZE 8¾ | TYPE HSC-3SJ | FTAGE 162 | HRS. RUN 17

MUD TEST DATA:

TIME	WT.	VIS	W.L.	P.H.
11½	8.5	42		
2:00	8.4	43		
4:00	8.4	42		

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM 3406 TO 3422 | RATHOLED FROM TO | REAMED FROM TO

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
500	230	Drilling W/10,000 wt
230	245	Service Rig & B.p's
245	300	Survey
300	915	Drilling w/ 7000 wt.
915	930	Circ - for trip.
930	530	40,3 Bit. 6 Jts DC
530	800	Re Electroscope Drill collars Kelly - Stab - Shock Sub.

DAY WORK RATES: W.O.P. HRS. MIN. | W.O.P. HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8.00A M. TO 4.00 P M — DRILLER Duncan Cook

OPERATING DATA: SIZE D.C. 6¼ | PUMP SPM 38 | NO. D.C. 17 | PUMP PRESS 550 | PUMP STROKE 18 | ROTARY RPM 140 | LINER SIZE 6¼ | WT. ON BIT

BIT DATA: NO. 17 | SIZE 8¾ | TYPE HSC-3SJ | FTAGE 22 | HRS. RUN 2½

MUD TEST DATA:

TIME	WT.	VIS	W.L.	P.H.
12	8.5	39		

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM 3422 TO 3441 | RATHOLED FROM TO | REAMED FROM TO

SURVEYS: DEPTH 3409 | ANGLE 1°

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8:00	8:45	Service Rig
8:45	9:15	Finish Reelectroscope
9:15	11:00	Lay DC & Jarts
11:00	12:00	Trip in w/ Bit #7
12:00	1:00	Ream Corrected 3422
1:00	4:00	Drlg 3441 Here

DAY WORK RATES: W.O.P. HRS. MIN. | W.O.P. HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4.00 P M TO 12 M — DRILLER D Dillon

OPERATING DATA: SIZE D.C. 6¼ | PUMP SPM 38 | NO. D.C. 17 | PUMP PRESS 550 | PUMP STROKE 18 | ROTARY RPM 140 | LINER SIZE 6¼ | WT. ON BIT 10/1

BIT DATA: NO. 17 | SIZE 8¾ | TYPE HSC-3SJ | FTAGE 38 | HRS. RUN 9¼

MUD TEST DATA:

TIME	WT.	VIS	W.L.	P.H.
4½	8.4	42		
6		43		
8		42		
10		43		

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM 3441 TO 3502 | RATHOLED FROM TO | REAMED FROM TO

SURVEYS: DEPTH 3490 | ANGLE 1°

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4:00	5:30	Drlg 8¾ Hole
5:30	5:45	Survey
5:45	9:00	Drlg
9:00	10:00	Survey
10:00	12:00	Drlg

DAY WORK RATES: W.O.P. HRS. MIN. | W.O.P. HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. TOTAL DRLG TIME THIS 24 HRS. TOTAL DAY WORK TIME THIS 24 HRS.

HRS. WITH DRILL PIPE HRS. WITHOUT DRILL PIPE

D\W FOOTAGE THIS 24 HRS.

SIGNED R White Co. R.

DATE 3-4-66.

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 25
FIELD
LEASE TEXACO N.W.T.A.
WELL NO. 5-72
LOCATION BOUIE LAKE
PROVINCE N.W.T.

CONTRACTOR CASCADE DRLG. DATE MARCH 2/66
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12-00 M. TO 8-00 M DRILLER R. Corbett

OPERATING DATA				BIT DATA						MUD TEST DATA					MUD ADDED THIS TOUR			
				NO.	SIZE	TYPE	FTAGE	HRS. RUN		TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.	6¾	PUMP SPM	98	15	8¾	MILLED	337	18		12 M	9¼	42						
NO. D.C.	17	PUMP PRESS	350	16	8¾	X35	NOZ -			2 PM	8.5	42						
PUMP STROKE	18	ROTARY RPM	70							4	8.4	41						
LINER SIZE	6¼	WT. ON BIT	5 Tons															

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
2230	2260				

SURVEYS DEPTH 325 ANGLE 7¼

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

3230' - 3260'

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8-00	9-30	Splice rig & BOP's
9-30	9-45	Drlg w/ 40 - 5000 wt
9-45	5-00	Survey
5-00	5-30	Circ hole to trip.
5-30	7-00	Hoist Bit # 15.
7-00	7-30	Caliper - Rmr - Stab - 4 X Collar - Check Bindings
7-30	8-00	Trip in w/ Bit # 16

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8-00 A M TO 4-00 P M DRILLER Shewchuk

OPERATING DATA				BIT DATA						MUD TEST DATA					MUD ADDED THIS TOUR			
				NO.	SIZE	TYPE	FTAGE	HRS. RUN		TIME	WT	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.	6¾	PUMP SPM	38	16	8¾	X35	77	5¼		12 PM	8.4	42						
NO. D.C.	17	PUMP PRESS	575							2 PM	8.4	43						
PUMP STROKE	18	ROTARY RPM	70/100															
LINER SIZE	6¼	WT. ON BIT	5															

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
3260	3337				

SURVEYS DEPTH 3340 ANGLE 7¼

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8-00	8-30	Service Rig Check BOP
8-30	12-00	Trip in to 3050
12-00	1-00	Ream out Ledges
1-00	1-30	Clean out to TD
1-30	10-00	Drilling w/ 5000 wt.
10-00	10-15	Survey
10-15	12-00	Drlg

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M TO 12 MID A DRILLER R. D. Wilson

OPERATING DATA				BIT DATA						MUD TEST DATA					MUD ADDED THIS TOUR			
				NO.	SIZE	TYPE	FTAGE	HRS. RUN		TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.	6¼	PUMP SPM	38	16	8¾	X35	142	13¼		4 PM	8.4	43						
NO. D.C.	17	PUMP PRESS	350							6 PM	8.4	43						
PUMP STROKE	18	ROTARY RPM	64/100							8 PM	8.4	42						
LINER SIZE	6¼	WT. ON BIT								10 PM	8.4	43						

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
3337	3406				

SURVEYS DEPTH 3340 ANGLE 7¼

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4-00	5-00	Drlg 8¾" Hole
5-00	5-15	Survey
5-15	5-30	Rig Serv
5-30	12-00	Drlg

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL CIRC TIME THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

% FOOTAGE THIS 24 HRS. _____

SIGNED R. W. Corbett Co. R.

DATE 3-3-66.

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PD-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 24

CONTRACTOR CASCADE DRLG DATE MARCH 1 '66

FIELD TEXACO N.F.A.

LEASE F-72

WELL NO.

LOCATION BOUIE LAKE

PROVINCE N.W.T.

RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12P M. TO 8 A M DRILLER Bob Elliott

OPERATING DATA 48

SIZE O.C.	5 3/8	PUMP SPM	55
NO. O.C.	1-16	PUMP PRESS	525
PUMP STROKE	18	ROTARY RPM	60/90
LINER SIZE	6"	WT. ON BIT	3/40

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
14	8 3/4	17 1/2 G	108	18 1/4
15	8 3/4	M4HWG	19	3/4

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
12 00	8.5	50		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
2970	2972				

SURVEYS

DEPTH	ANGLE
2940	6

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12 00	1 15	DRLG.
1 15	1 30	CIRC HOLE TO TRIP
1 30	1 45	SER RIG & B.O.P.
1 45	3 00	TRIP OUT.
3 00	5 00	JACK UP 2 MUD TANK. UP
5 00	6 30	RUN IN TO 2500'
6 30	7 00	REAM BRIDGE TO BTM.
7 00	7 45	DRLG.
7 45	8 00	SURVEY.

DAY WORK RATES

W.O.F. HRS.	W.O.F. MIN.	W.O.P. HRS.	W.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 00 A M TO 4 00 P M DRILLER Romanchuk

OPERATING DATA

SIZE O.C.	6 3/4	PUMP SPM	38
NO. O.C.	17	PUMP PRESS	550
PUMP STROKE	18	ROTARY RPM	90
LINER SIZE	6 1/4	WT. ON BIT	25

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
15	8 3/4	M4HWG	111	7 1/2

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
8 00	8.6	48		
12 00	8.5	46		
	8.5	48		
4 00	8.5	51		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Kem-1 #1	3 sx		
Lime	2500#		
Diesel Oil			

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
2972	3054				

SURVEYS

DEPTH	ANGLE
2970	5 3/4
3000	6 1/4

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8 00	12 00	Drilling w/ 25-30
12 00	1 00	Serv'd Rig + Check
		Hydril
1 00	1 30	Survey
1 30	3 30	Drilling
3 30	4 00	Survey
4 00	4 30	Drilling

DAY WORK RATES

W.O.F. HRS.	W.O.F. MIN.	W.O.P. HRS.	W.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR TO M DRILLER Bob Elliott

OPERATING DATA

SIZE O.C.	6 3/4	PUMP SPM	38
NO. O.C.	17	PUMP PRESS	550
PUMP STROKE	18	ROTARY RPM	90
LINER SIZE	6 1/4	WT. ON BIT	25-5

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
15	8 3/4	M4HWG	307	13 1/2

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
4	8.5	43		
6	8.4	41		
8	8.4	41		
10	8.4	42		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
3054	3220				

SURVEYS

DEPTH	ANGLE
3030	6 1/4
3160	6 1/4

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

3090 - 6 1/4
3150 - 6 1/4
3220 - 7

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4 00	4 30	Survey
4 30	5 00	Rig Serv
5 00	8 00	Drlg 8 3/4 Hole
8 00	8 30	Survey
8 30	11 00	Drlg
11 00	11 30	Survey
11 30	2 00	Drlg
2 00	2 30	Survey
2 30	10 00	Drlg
10 00	10 30	Survey
10 30	12 00	Drlg

DAY WORK RATES

W.O.F. HRS.	W.O.F. MIN.	W.O.P. HRS.	W.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED _____ Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE MAR 2/66

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 23

FIELD TEXACO M.F.A.

LEASE F-72

WELL NO.

LOCATION BOUIE LAKE

PROVINCE N.W.T.

CONTRACTOR CASCADE DRLG

DATE FEB 28/66

RIG NO. 19

ROTARY ☑ SERVICE ☐

MORNING TOUR 12 P M. TO 8 A.M

DRILLER Bill Curtis

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	5 6 6 3/4	PUMP SPM	78	13	8 3/4	HWJG	41	10 3/4
NO. D.C.	1-16	PUMP PRESS	500	14	8 3/4	HWJG	6	1
PUMP STROKE	18	ROTARY RPM	60 70					
LINER SIZE	6	WT. ON BIT	39					

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
2810	2821				

SURVEYS DEPTH 2815 ANGLE 4 1/2

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12 00	12 15	DRLG.
12 15	1 00	CIRC HOLE BEFORE TRIP
1 00	1 15	SURVEY
1 15	4 00	PULL OUT - SURVEY BBL STUCK IN SHOCK SUB. PIPE WET. CAREFUL TO SAVE MUD.
4 00	5 00	LAY DOWN SHOCK SUB & RECOVER SURVEY BBL.
5 00	6 00	RUN IN TO 2815'
6 00	7 00	REAM BRIDGES TO BTM
7 00	8 00	DRLG.

NOTE: CLOSED BLIND RAMS WHEN OUT OF HOLE.

DAY WORK RATES

	W.O.P HRS.	W.O.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.
TOTAL DAY WORK TIME CHARGEABLE TO TEXACO				

DAYLIGHT TOUR 8 00 A M TO 4 30 P M

DRILLER Lorraine Clark

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	6 6 3/4	PUMP SPM	78	14	8 3/4	HWJG	50	6 3/4
NO. D.C.	17	PUMP PRESS	500					
PUMP STROKE	18	ROTARY RPM	60 70					
LINER SIZE	6"	WT. ON BIT	35 40					

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
	9.1	45		
	8.6	48		
	8.6			
	8.5	NC		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Gel	1000		
loss of Kem-X this tour			

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
2821	2865				

SURVEYS DEPTH ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8 00	8 45	Service Rig
8 45	4 00	Drilling

DAY WORK RATES

	W.O.P HRS.	W.O.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.
TOTAL DAY WORK TIME CHARGEABLE TO TEXACO				

EVENING TOUR 4 00 P M TO 12 00 M

DRILLER

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	6 6 3/4	PUMP SPM	78	14	8 3/4	HWJG	95	15 1/2
NO. D.C.	17	PUMP PRESS	500					
PUMP STROKE	18	ROTARY RPM	60 70					
LINER SIZE	6"	WT. ON BIT	35 40					

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
4	8.4	44		
6	8.4	43		
8	8.4	46		
10	8.4	48		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
2865	2910				

SURVEYS DEPTH 2910 ANGLE 3 1/4

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4 00	5 45	Drilling
5 45	6 00	Serviced Rig Check Items.
6 00	6 30	Survey
6 30	11 15	Drilling
11 15	11 45	Survey
11 45	12 00	DRLG.

DAY WORK RATES

	W.O.P HRS.	W.O.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.
TOTAL DAY WORK TIME CHARGEABLE TO TEXACO				

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED _____ Co. R.

D/W FOOTAGE THIS 24 HRS. _____ DATE MAR 1/66

IS YOUR REPORT COMPLETE?

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 22

CONTRACTOR Cascade DRLG DATE FEB 27/66

FIELD

LEASE Texaco Mfr. A.

WELL NO. J-72

LOCATION Bonnie Lake

RIG NO. 19 ROTARY ☑ SERVICE ☐

PROVINCE Alta.

MORNING TOUR 12 P M. TO 4 A M DRILLER Bob Wilson

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	8 3/4 6	PUMP SPM	40	12	8 3/4	X16	81	4 3/4
NO. D.C.	7-16	PUMP PRESS	350					
PUMP STROKE	18	ROTARY RPM	90					
LINER SIZE	6 3/4	WT. ON BIT	30					

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.
400	8.5	51		
	9			
600	8.5	50		

MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
130 SKS SALT.			
IN MIXING			
TANK.			

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
2633	2764				

SURVEYS DEPTH 2741 ANGLE 5°

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
1200	115	FINISH REAMING TO BTM. (BRIDGED)
115	130	SER RIG & B.O.P.'S
130	415	DRLG.
415	430	CIRC HOLE TO SURVEY
430	445	SURVEY
445	645	DRLG.
645	700	CIRC HOLE BEFORE TRIP
700	500	PULLING OUT.

DAY WORK RATES

	W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 500 A M TO 400 P M DRILLER Domaschuk

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	6 3/4	PUMP SPM	48	13	8 3/4	HP4NG	12	3 1/4
NO. D.C.	17	PUMP PRESS	500					
PUMP STROKE	18	ROTARY RPM	95					
LINER SIZE	6"	WT. ON BIT	30					

MUD TEST DATA TIME	WT	VIS	W.L.	P.H.
2005	8.5	40		

MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
Kenex #1	400 lbs		
Kenex #3	150		
Lime	1350		

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
2764	2776				

SURVEYS DEPTH ANGLE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
500	530	TRIPS & TRIP OUT
530	600	Service Rig & Blind Rams
600	615	Test BOP Stack 3000 lbs
615	645	DRLG 30' to 2776 Lime
645	1145	TRIP IN TO 2650
1145	1245	Ream out Bridges
		from 2650 to T.D.
1245	500	Breaking

DAY WORK RATES

	W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 400 P M TO 1200 M M DRILLER Domaschuk — R. White

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	6 3/4	PUMP SPM	48	13	8 3/4	HP4NG	36	11
NO. D.C.	17	PUMP PRESS	500					
PUMP STROKE	18	ROTARY RPM	90					
LINER SIZE	6"	WT. ON BIT	35/40					

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.
800	8.7	50		

MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
INVERT MUD.			

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
2776	2850				

SURVEYS DEPTH 2815 ANGLE 4 1/2°

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
1200	500	Drilling 4# 30000 wt
500	515	Service Rig & Check BOP
515	1200	Drilling 4# 35000 wt

DAY WORK RATES

	W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

D\W FOOTAGE THIS 24 HRS. _____

SIGNED _____ Co. R.

DATE FEB 28/66

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 21

CONTRACTOR CASCADE DRILLING DATE FEB 26/66

FIELD

LEASE TRIAL NEA

WELL NO. F-72

LOCATION BOUIE LAKE

RIG NO. 19 ROTARY ☑ SERVICE ☐

PROVINCE N.W.T.

MORNING TOUR 12 P M. TO 8 A M. DRILLER Robt Allard

OPERATING DATA				BIT DATA						MUD TEST DATA					MUD ADDED THIS TOUR			
				NO.	SIZE	TYPE	F.TAGE	HRS.RUN		TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.	8 1/4 6 1/4	PUMP SPM	60	10 RR	8 3/4		162	39										
NO. D.C.	17	PUMP PRESS	900															
PUMP STROKE	18	ROTARY RPM	60															
LINER SIZE	6 3/4	WT. ON BIT	25															

HOLE DATA						SURVEYS	
DRILLED		RATHOLED		REAMED		DEPTH	ANGLE
FROM	TO	FROM	TO	FROM	TO	2588	5 1/4
2580	2650					2648	5 3/4

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
1200	1245	DRLG
1245	100	SURVEY
100	115	SER RIG & B.O.P's
115	730	DRLG
730	745	SURVEY
745	800	DRLG

DAY WORK RATES

W.O.P HRS.	W.O.P MIN.	W.O.D.P HRS.	W.O.D.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 800 P M TO 400 P M DRILLER Drinnenberg

OPERATING DATA				BIT DATA						MUD TEST DATA					MUD ADDED THIS TOUR			
				NO.	SIZE	TYPE	F.TAGE	HRS.RUN		TIME	WT	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.	6 3/4 K-642	PUMP SPM	60	10A	8 3/4	RG7JC	425	42 3/4			8.7	29			Salt	4000		
NO. D.C.	17	PUMP PRESS	925								8.7	29						
PUMP STROKE	18	ROTARY RPM	55								8.8	29						
LINER SIZE	6 3/4	WT. ON BIT	25															

HOLE DATA						SURVEYS	
DRILLED		RATHOLED		REAMED		DEPTH	ANGLE
FROM	TO	FROM	TO	FROM	TO	2663	5 3/8
2650	2663						

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
800	815	Service Rig & Lock Hydril
815	1200	Drilling
1200	115	Survey
115	145	Trip out - Hole Tight
145	200	Dry 20 std 26 2650 - 2900'
200	245	Change Stab. Rubber
245	300	Check B.H. Items
300	345	Trip in to 2650
345		Broken Bridges

DAY WORK RATES

W.O.P HRS.	W.O.P MIN.	W.O.D.P HRS.	W.O.D.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M TO 12 P M DRILLER

OPERATING DATA				BIT DATA						MUD TEST DATA					MUD ADDED THIS TOUR			
				NO.	SIZE	TYPE	F.TAGE	HRS.RUN		TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.	8 1/4 6 1/4	PUMP SPM		12	8 3/4	XIC									DIESEL 10 BBL.			
NO. D.C.	1-11	PUMP PRESS																
PUMP STROKE	18	ROTARY RPM																
LINER SIZE	6 3/4	WT. ON BIT																

HOLE DATA						SURVEYS	
DRILLED		RATHOLED		REAMED		DEPTH	ANGLE
FROM	TO	FROM	TO	FROM	TO		
2683	2683						

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
400	445	CLEAN OUT BRIDGES 2580 TO 2680
445	500	SER RIG CHAIN RODS
500	530	CIRC TO CL HOLE
530	600	PULL 5 STDS - TIGHT
600	930	DUMP & CLEAN ALL MUD TANKS
930	1045	PUMP 10 BBL DIESEL & DISPLACE HOLE W/ INVERT MUD
1045	1200	RUN IN - REAMING SINGLES

DAY WORK RATES

W.O.P HRS.	W.O.P MIN.	W.O.D.P HRS.	W.O.D.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTA DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED _____ Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE FEB 27/66

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 20
FIELD
LEASE TEXACO N.F.A.
WELL NO. F-72
LOCATION BOUIE LAKE
PROVINCE N.W.T.

CONTRACTOR CASCADE DRLG. DATE FEB 25/66

RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 P M. TO 8 A M DRILLER Robt Gurba

OPERATING DATA

SIZE D.C.	8 6¾	PUMP SPM	60
NO. D.C.	17	PUMP PRESS	800
PUMP STROKE	18	ROTARY RPM	60
LINER SIZE	6¾	WT. ON BIT	25.

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
10	8¾	RCT	171	17

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
1200	8.5	29		
200	8.6	28		
400	8.6	28		
600	8.6	25		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
WATER			

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
2345	2435				

SURVEYS

DEPTH	ANGLE
2365	4 7/8
2400	5°

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.) 2432 2°

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
1200	145	DRLG.
145	200	SURVEY @ 2369
200	215	SER R.G & B.O.P's
215	345	DRLG.
345	400	SURVEY
400	730	DRLG.
730	745	SURVEY
745	800	DRLG

DAY WORK RATES

	W.O.P HRS.	W.O.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 800 A M TO 400 P M DRILLER Borowchuk

OPERATING DATA

SIZE D.C.	8 6¾	PUMP SPM	60
NO. D.C.	17	PUMP PRESS	800
PUMP STROKE	18	ROTARY RPM	53
LINER SIZE	6¾	WT. ON BIT	25M

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
10	8¾	RCT	343	24
			343-365	

MUD TEST DATA

TIME	WT	VIS	W.L.	P.H.
800	8.7	28		
	8.6	28		
	8.7	27		
	8.7	27		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
water		LIME	3000
462 BBLS DIESEL		SALT	3500
20 MMS KENX 1			
3 MMS KENX 3			

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
2435	2567				

SURVEYS

DEPTH	ANGLE
2494	4 1/2°

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
800	900	Service Rig Check Pipe Rams
900	2300	Drilling
2300	2330	Survey
2330	400	Drilling

DAY WORK RATES

	W.O.P HRS.	W.O.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 400 P M TO 1200 M DRILLER

OPERATING DATA

SIZE D.C.	8 6¾	PUMP SPM	60
NO. D.C.	17	PUMP PRESS	900
PUMP STROKE	18	ROTARY RPM	55
LINER SIZE	6¾	WT. ON BIT	25

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
10	8¾	RCT	32	3½

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
400	8.7	29		
800	8.6	28		
1200	8.7	28		
1600	8.7	25		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
2567	2590				

SURVEYS

DEPTH	ANGLE
2590	5½

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
900	600	Drilling
600	615	Service Rig
615	630	Survey @ 2525
630	1200	Drilling

DAY WORK RATES

	W.O.P HRS.	W.O.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

D\W FOOTAGE THIS 24 HRS. _____

SIGNED _____ CO. R.

DATE FEB 26/66

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 19
FIELD
LEASE TEXACO N.F.A.
WELL NO. F-72
LOCATION BOUIE LAKE.
PROVINCE [illegible] Alta.

CONTRACTOR CASCADE DRLG DATE FEB 24/66

RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 P M. TO 8 P. M DRILLER Red White

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.	8 1/2 8 6 1/2	PUMP SPM	60	11	6 3/4	mmG	30	5 1/2
NO. D.C.	17	PUMP PRESS	650					
PUMP STROKE	18	ROTARY RPM	90/130					
LINER SIZE	6 1/4	WT. ON BIT	5/20					

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.
400	68	29		
600	67	27		

MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
WATER			

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE
2228	2258					2245	4 1/4

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR FROM	TO	DESCRIPTION OF OPERATION
1200	1215	SER RIG & BLIND RAMS.
1215	100	MAKE UP BIT & SHOCK SUB
		TOP OF SQ DC.
100	215	RUN IN
215	730	DRLG.
730	745	SURVEY
745	600	DRLG

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.P. HRS.	W.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 600 M TO 400 P M DRILLER [illegible]

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.	6 3/4	PUMP SPM		1 RR	6 3/4	HTC		
NO. D.C.	17	PUMP PRESS						
PUMP STROKE	18	ROTARY RPM						
LINER SIZE	6 1/4	WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.
2	67	28		
7	66	28		

MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
WATER		4 BAGS GEN X B	
		LIME	1000
100 BBLS DIESEL			
6 BAGS XCD # 1			

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE
2258	2288					2288	4 3/4

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR FROM	TO	DESCRIPTION OF OPERATION
600	630	Ser Rig & BOP
630	700	Drlg
700	715	Survey
715	1130	Drlg
1130	1145	Survey
1145	1200	Drlg
1200	200	Drlg
200	230	Survey
230	300	Drlg
300	330	Repair Master clutch
330	600	Drlg
		5 1/2 Down Stack
		5 1/2 Rams
		Pick up 4 1/2 Ledger
		Drlg

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.P. HRS.	W.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO [illegible]

EVENING TOUR 10 P M TO 6 A M DRILLER [illegible]

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.	6 3/4	PUMP SPM	60	1 RR	6 3/4	HTC	87	10
NO. D.C.	17	PUMP PRESS	500					
PUMP STROKE	18	ROTARY RPM	55					
LINER SIZE	6 1/4	WT. ON BIT	25					

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.
	8.6	28		

MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE
2288	2339					2339	4 3/4

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR FROM	TO	DESCRIPTION OF OPERATION
600	615	Service Rig & BOP
615	745	Drilling
745	845	Survey
845	1130	Drilling
1130	1145	Survey
1145	130	Drlg

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.P. HRS.	W.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

D\W FOOTAGE THIS 24 HRS. _____

SIGNED [signature] Co. R.

DATE FEB 25/66

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TSC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 18
FIELD
LEASE TEXACO NEB.
WELL NO. J-72
LOCATION BOUIE LAKE
PROVINCE B.C.

CONTRACTOR CASCADE DRLG DATE FEB 23/66
RIG NO. 19 ROTARY ☒ SERVICE ☐

MORNING TOUR 12 P M. TO 8 A.M

DRILLER Robt Allard

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM		9	8 3/4	HWL-G	110	12 1/4
NO. D.C.	17	PUMP PRESS		10	8 3/4	RC-3HT		
PUMP STROKE	18	ROTARY RPM						
LINER SIZE	7 1/2	WT. ON BIT	29/30					

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
2077	2134				

SURVEYS DEPTH	ANGLE
2109	4°
2134	4°

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
1200	1215	SER RIG & B.O.P's.
1215	245	DRLG.
245	300	SURVEY
300	500	DRLG
500	515	SURVEY
515	630	TRIP OUT FOR B.T.
630	700	SLIP 40' DRLG LINE.
700	730	MAKE UP JETS & B.T.
730	800	RUNNING DC's.
		PICK UP 2 STDS MORE.
		DC's

DAY WORK RATES

W.O.P HRS.	W.O.P MIN.	W.O.D.P HRS.	W.O.D.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 800A M TO 400P M

DRILLER Ukraincheck

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	6 3/4	PUMP SPM	45	10	8 3/4	HGTXI	515	5 1/2
NO. D.C.	17	PUMP PRESS	900/1000					
PUMP STROKE	18	ROTARY RPM	60					
LINER SIZE	7 1/2	WT. ON BIT	30					

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.
	8.6	29		
	8.7	33		

MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
2134	2185				

SURVEYS DEPTH	ANGLE
2150	4 1/2
2184	3 1/2

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
800	845	FINISH TRIP IN
845	900	SERVICE RIG + TOP
900	915	WASH BOTTOM OF JOINT
915	1145	DRILLING
1145	1200	SURVEY
1200	400	DRILLING
400	500	SURVEY
500	800	DRILLING

DAY WORK RATES

W.O.P HRS.	W.O.P MIN.	W.O.D.P HRS.	W.O.D.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4P M TO 12 MID

GRILLER Ed Allen

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	6 3/4	PUMP SPM	100	10	8 3/4	HGTXI	594	12 1/2
NO. D.C.	17	PUMP PRESS	1000					
PUMP STROKE	18	ROTARY RPM	60					
LINER SIZE	6 1/2	WT. ON BIT	20					

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.
4	8.8	31		
6	8.7	31		
8	8.6	29		
10	8.6	29		

MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
WATER			

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
2185	2228				

SURVEYS DEPTH	ANGLE
2215	3 1/2

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4	4 1/2	RIG SERV
4 1/2	11	DRLG 8 3/4" HOLE
11	11 1/2	SURVEY
11 1/2	12	HOIST FOR N/B I.T.

DAY WORK RATES

W.O.P HRS.	W.O.P MIN.	W.O.D.P HRS.	W.O.D.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

D/W FOOTAGE THIS 24 HRS. _____

SIGNED _____ CO. R.

DATE FEB 24/66

IS YOUR REPORT COMPLETE?

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 17
FIELD
LEASE TEXACO N.F.A.
WELL NO. F-72
LOCATION BOUIE LAKE
PROVINCE B.C.

CONTRACTOR CASCADE DRLG. DATE FEB 22/66
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 P M. TO 8. A.M DRILLER Bill White

OPERATING DATA				BIT DATA						MUD TEST DATA						MUD ADDED THIS TOUR			
				NO.	SIZE	TYPE	FTAGE	HRS. RUN		TIME	WT.	VIS	W.L.	P.H.		MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.	8" 6½	PUMP SPM		8	8¾	OWV	40	6½		200	9.5	48				GEL	600	CMC	100
NO. D.C.	11	PUMP PRESS	800							400	9.5	51				CAUSTIC	50		
PUMP STROKE	18	ROTARY RPM	90							600	9.5	49	5.2	9.5		LIG	50		
LINER SIZE	7½	WT. ON BIT	20/25													VC-10	50		

HOLE DATA						SURVEYS	
DRILLED		RATHOLED		REAMED		DEPTH	ANGLE
FROM	TO	FROM	TO	FROM	TO		
1963	2003						

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
1200	1215	SER RIG & BOPs
1215	130	RUN IN - LEFT OUT 2 STDS OF DC's
130	800	DRLG. VERY ROUGH.

DAY WORK RATES

W.O.P HRS.	W.O.P MIN.	W.O.P HRS.	W.O.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8.00 A M TO 4:00 P M DRILLER Brian Clark

OPERATING DATA				BIT DATA						MUD TEST DATA						MUD ADDED THIS TOUR			
				NO.	SIZE	TYPE	FTAGE	HRS. RUN		TIME	WT	VIS	W.L.	P.H.		MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.	6 8"	PUMP SPM	45	8	8¾	OWV	21	10		8-85	42								
NO. D.C.	11	PUMP PRESS	825	9	8¾	MILL	3	¾		10	9.5	36							
PUMP STROKE	18	ROTARY RPM	120																
LINER SIZE	7½	WT. ON BIT	20																

HOLE DATA						SURVEYS	
DRILLED		RATHOLED		REAMED		DEPTH	ANGLE
FROM	TO	FROM	TO	FROM	TO		
2003	2027					2003	1½

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
800	130	Drilling
130	200	Survey & Conn
200	230	Service Rig & Pump
230	600	Trip for Tools
600	630	Drilling
630	700	Hoist for B.O.
700	730	Install Bail on Kelly
730	800	Mud Up
800	830	Trip in w/ Bit #4
830	900	Drilling

DAY WORK RATES

W.O.P HRS.	W.O.P MIN.	W.O.P HRS.	W.O.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR ____ M TO ____ M DRILLER Ross Clark

OPERATING DATA				BIT DATA						MUD TEST DATA						MUD ADDED THIS TOUR			
				NO.	SIZE	TYPE	FTAGE	HRS. RUN		TIME	WT.	VIS	W.L.	P.H.		MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.	10 8"	PUMP SPM	93	9	8¾	MILL	53	7¼		400	9.2	42				WATER			
NO. D.C.	11	PUMP PRESS	825							500	9.4	40							
PUMP STROKE	18	ROTARY RPM	50-60							600	9.3	39							
LINER SIZE	7¼	WT. ON BIT	30							1000	9.1	35							

HOLE DATA						SURVEYS	
DRILLED		RATHOLED		REAMED		DEPTH	ANGLE
FROM	TO	FROM	TO	FROM	TO		
2027	2077					2046	3¼
						2077	3¼

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
400	430	Rig Srv
430	800	Drlg 9⅞" Hole
800	830	Survey
830	1130	Drlg
1130	1145	Survey
1145	1200	Clean Mud Tanks

DAY WORK RATES

W.O.P HRS.	W.O.P MIN.	W.O.P HRS.	W.O.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. ____ TOTAL DRLG TIME THIS 24 HRS. ____ TOTAL DAY WORK THIS 24 HRS. ____
HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ SIGNED ____ Co. R.
D\W FOOTAGE THIS 24 HRS. ____ DATE FEB 23/66

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 16
FIELD
LEASE TEXACO N.F.A
WELL NO. J-72
LOCATION BOVIE LAKE
PROVINCE B.C.

CONTRACTOR CASCADE DRLG. DATE FEB. 21/66
RIG NO. 1 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 P M. TO 8 A M DRILLER Pratt & Whitto.

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C. 8 3/8 6 1/2	PUMP SPM			6	8 3/4	J55CNG	1241	10
NO. D.C. 19	PUMP PRESS.	800		7	8 3/4	J11A		
PUMP STROKE 18	ROTARY RPM	140						
LINER SIZE 7 1/2	WT. ON BIT	30						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
12	9.4	37	6.4	10.5	GEL	1000		
					CMC	100		
					VC-10	50		

HOLE DATA

DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE
1844	1887						

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12 00	12 30	DRLG.
12 30	12 45	SER RIG & V HYDRIL.
12 45	3 45	DRLG.
3 45	4 30	TRIP OUT - TURST OFF LEFT 10 DC'S IN HOLE.
4 30	7 00	LAY DOWN DC & MAKE UP OVERSHOT.
7 00	7 45	TRIP IN - LATCH ON TO FISH - TRIP OUT W/ FISH.
7 45	8 00	MAKE UP BIT & SERVICE DC'S.

DAY WORK RATES

W.O.P. HRS.	MIN.	W.O.D.P. HRS.	MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 00 A M TO 4 00 P M DRILLER D Maneluk

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	HRS. RUN
SIZE D.C. 6 1/2	PUMP SPM			7	8 3/4	J11A	9 3/4
NO. D.C. 17	PUMP PRESS.	800					
PUMP STROKE 18	ROTARY RPM	130					
LINER SIZE 7 1/2	WT. ON BIT	20					

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
20	9.4	47						

HOLE DATA

DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE
1887	1931					1931	3/4

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4 00	4 15	Service Rig + Blocks
4 15	6 15	Ream in Drill Collars
		Service Clean Tools
6 15	6 45	Install Trip in DC
6 45	7 30	Drilling
7 30	8 00	Survey

DAY WORK RATES

W.O.P. HRS.	MIN.	W.O.D.P. HRS.	MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M TO 12 MID. DRILLER R Bellerose

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C. 6 1/2	PUMP SPM	50		7	8 3/4	J11A	32	10
NO. D.C. 17	PUMP PRESS.	900		8	8 3/4	OWDJ	NEW	
PUMP STROKE 18	ROTARY RPM	60-130						
LINER SIZE 7 1/2	WT. ON BIT	20						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
2 00	9.4	45			GEL 4400		CAUSTIC	5
5 00	9.5	44			VC10 - 50			
5 00	9.4	43	L	9.5	CMC-LIG-60			

HOLE DATA

DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE
1931	1963						

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4 00	4 30	Rig Serv.
4 30	7 00	Work on 8 3/4" Hole
7 00	7 30	Clean Settling Tank
7 30	9 00	Drlg
9 00	10 00	Survey
10 00	11 00	Hoist For N/B IT
11 00	11 30	Check Bit + Ream 5.
11 30	12 00	Run in DC's

DAY WORK RATES

W.O.P. HRS.	MIN.	W.O.D.P. HRS.	MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. ____ TOTAL DRLG TIME THIS 24 HRS. ____ TOTAL DAY WORK THIS 24 HRS. ____

HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ SIGNED ____ Co. R.

FOOTAGE THIS 24 HRS. ____ DATE FEB 22/66

IS YOUR REPORT COMPLETE?

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 15

CONTRACTOR CASCADE DRLG DATE FEB. 20/66.

FIELD

LEASE TEXACO N.F.A.

RIG NO. 19 ROTARY ☑ SERVICE ☐

WELL NO. A-72

LOCATION BOUIE LAKE

PROVINCE B.C.

DRILLER [illegible]

MORNING TOUR 12 P.M. TO 8 A.M

OPERATING DATA				BIT DATA						MUD TEST DATA					MUD ADDED THIS TOUR			
SIZE D.C. 6 5/8	PUMP SPM 56	NO.	SIZE	TYPE	FTAGE	HRS. RUN	TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
NO. D.C. 19	PUMP PRESS 1040	5	8 3/4	OSC4WG	150	12 1/4									
PUMP STROKE 18	ROTARY RPM 60														
LINER SIZE 7 1/2	WT. ON BIT 30/35														

HOLE DATA						SURVEYS	
DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO	DEPTH	ANGLE
1636	1740					1674	2 1/4
						1737	3°

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.
1200	1215	SER RIG & HYDRIL V.B.R.				
1215	130	DRLG.				
130	200	SURVEY				
200	345	TIGHTEN #1 COMPOUND CHAIN				
345	500	DRLG				
500	515	REPAIR AIR LINE TO ROTARY				
515	700	DRLG.				
700	715	SURVEY				
715	800	DRLG. W/ 28/30,000 WT.				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8:00 A.M TO 4:00 P.M

DRILLER [illegible]

OPERATING DATA				BIT DATA						MUD TEST DATA					MUD ADDED THIS TOUR			
SIZE D.C. 6 5/8	PUMP SPM 55	NO.	SIZE	TYPE	FTAGE	HRS. RUN	TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
NO. D.C. 19	PUMP PRESS 1000	5	8 3/4	MAING	172	16 1/2	0	9.1	41			Gel	100		
PUMP STROKE 18	ROTARY RPM 60	6	8 3/4	OSC4	New	3	9	9.3				VC10	30		
LINER SIZE 7 1/2	WT. ON BIT 25											Desco 19	30		

HOLE DATA						SURVEYS	
DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO	DEPTH	ANGLE
1740	1763					1763	3°

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.
800	830	Service Rig Check B.O.P.				
830	900	Drilling w/ 25,000				
900	915	Survey				
915	1130	Hole Clean Strap Pipe				
1130	1230	Lay down Singles				
1230	145	Pick up Bent Sub Bit				
145	300	Trip in.				
		Ream 1740-1763				

Board 1765-64
Projected 1761.75

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P.M TO 12 MID.N

DRILLER [illegible]

OPERATING DATA				BIT DATA						MUD TEST DATA					MUD ADDED THIS TOUR			
SIZE D.C. 6 3/4	PUMP SPM 54	NO.	SIZE	TYPE	FTAGE	HRS. RUN	TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
NO. D.C. 19	PUMP PRESS 1000	6	8 3/4	OSC4BJ	781	9 1/2	4:00	9.3	37	6.4	10.5				
PUMP STROKE 18	ROTARY RPM 130						2:00	9.3	38						
LINER SIZE 7 1/2	WT. ON BIT 30						6:00	9.4	39						

HOLE DATA						SURVEYS	
DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO	DEPTH	ANGLE
1763	1844					1820	3°

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.
4	4:30	Rig Service				
4:30	10:30	Ream 8 3/4 Hole				
10:30	10:45	Survey				
10:45	12:00	Drlg				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

D\W FOOTAGE THIS 24 HRS. _____

SIGNED [signature] Co. Rep.

DATE Feb 21/66

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 14

CONTRACTOR CASCADE DRLG. DATE FEB 19/66

FIELD

LEASE TEXACO

WELL NO. BJ-72

LOCATION BOVIE LAKE

RIG NO. 19 ROTARY ☑ SERVICE ☐

PROVINCE B.C.

MORNING TOUR 12 P. M. TO 8 A.M. DRILLER Bob Burns

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.	8 3/4	PUMP SPM	64	3	8 3/4	N8J	311	23 3/4
NO. D.C.	19	PUMP PRESS	1200	4	8 3/4	OWC	32	4
PUMP STROKE	18	ROTARY RPM	60					
LINER SIZE	7 1/2-6	WT. ON BIT	35					

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.
12:00	8.9	46		
1:00	8.8	44	44	9.5

MUD ADDED THIS TOUR: MATERIAL / LBS. / MATERIAL / LBS.

HOLE DATA: DRILLED FROM 1506 TO 1532; RATHOLED FROM TO; REAMED FROM TO

SURVEYS: DEPTH 1517 ANGLE 2°

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.F HRS.	W.O.F MIN.	W.O.D.P HRS.	W.O.D.P MIN.
12:00	1:00	DRLG.				
1:00	1:15	SURVEY				
1:15	1:30	SERVIC RIG & B.O.P?				
1:30	3:45	TRIP FOR B.T				
3:45	4:00	WORK JUNK SUB ON BTM.				
4:00	6:00	DRLG.				
		NOTE: O.D. OF 54 DC 8 9/16				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A. M TO 4 P.M DRILLER R.B. Olver

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.	8 3/4	PUMP SPM	64	4	8 3/4	OWC	73	10
NO. D.C.	19	PUMP PRESS	1200					2-1-1
PUMP STROKE	18	ROTARY RPM	60					
LINER SIZE	7 1/2	WT. ON BIT	30					

MUD TEST DATA TIME	WT	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
8:00	8.9	45			Lig	50		
					VC 10	50		
12	8.9	42			Gel	400		
					Caus	200		

HOLE DATA: DRILLED FROM 1532 TO; RATHOLED FROM TO; REAMED FROM TO

SURVEYS: DEPTH 1561 ANGLE 2°

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8:00	8:15	SER R.C & B.O.P's
8:15	12:30	Drlg
12:30	1:00	Survey
1:00	3:45	Drlg
3:45	4:00	Trip for Bit

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4:00 P M TO 12:00 M DRILLER Duane Clark

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.	6 3/4	PUMP SPM	55	5	8 3/4	Smith	66	6 1/4
NO. D.C.	14	PUMP PRESS	1000					
PUMP STROKE	16	ROTARY RPM	60-70					
LINER SIZE	7 1/2	WT. ON BIT	35					

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
6:00	8.7	43			Gel	500		
					Lig (Tanco)	50		
					Caustic	50		
					VC 10	50		

HOLE DATA: DRILLED FROM 1570 TO 1656; RATHOLED FROM TO; REAMED FROM TO

SURVEYS: DEPTH 1610 ANGLE 2 3/8°

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4:00	5:15	Service Rig & B.O.P's
5:15	5:45	Trip in w/Bit #5
5:45	7:15	Drlg
7:15	7:45	Survey @ 1610-2 3/8
7:45	12:00	Drlg.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

D\W FOOTAGE THIS 24 HRS. _____

SIGNED _____ Co. R.

DATE FEB 20/66

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 13

CONTRACTOR CASCADE DRLG DATE FEB 18/66

FIELD

LEASE TEXACO

WELL NO. 3-72

LOCATION BOUIE LAKE.

PROVINCE B.C

RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 P M. TO 8 A.M

DRILLER Ray White

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.	8 3/4 6 1/2	PUMP SPM	64	3	8 3/4	HB3	134	8 3/4
NO. D.C.	1-16	PUMP PRESS	1200					
PUMP STROKE	18	ROTARY RPM	60					
LINER SIZE	7 1/2	WT. ON BIT	40/45					

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.
12[00]	8.8	30		
2[00]	8.9	38		
4[00]	8.9	35		
6[00]	8.9	36	7.6	

MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
GEL	7800		
CAUSTIC	100		
VC-10	150		

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO
1220	1360				

SURVEYS DEPTH	ANGLE
1270	2
1330	1 3/4

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12[00]	12[45]	DRLG.
12[45]	1[00]	SER RIG & B.O.P's
1[00]	1[45]	DRLG.
1[45]	2[00]	SURVEY
2[00]	5[45]	DRLG.
5[45]	6[00]	SURVEY
6[00]	8[00]	DRLG.

DAY WORK RATES

W.O.P HRS.	MIN.	W.O.O.P HRS.	MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 M TO 4 P.M

DRILLER BB. Oliver

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.	8 3/4 6 1/2	PUMP SPM	64	3	8 3/4	HB3	236	16
NO. D.C.	19	PUMP PRESS	1200					
PUMP STROKE	18	ROTARY RPM	60					
LINER SIZE	7 1/2	WT. ON BIT	39/40					

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
CAL CL.	500		

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO
1360	1442	1.0			

SURVEYS DEPTH	ANGLE
1390	2°

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4[00]	8[15]	SER RIG & B.O.P's
8[15]	10[45]	DRLG.
10[45]	11[00]	SURVEY
11[00]		DRLG.

DAY WORK RATES

W.O.P HRS.	MIN.	W.O.O.P HRS.	MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4:00 P M TO 12 M P.M

DRILLER Derrick

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.	6 3/4	PUMP SPM	52	3	8 3/4	HB3	350	28
NO. D.C.	19	PUMP PRESS	1000					
PUMP STROKE	18	ROTARY RPM	60					
LINER SIZE	7 1/2	WT. ON BIT	33					

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.
4[00]	8.8	38		
6[00]	8.8	38		
8[00]	8.9	39		
10[00]	9.0	42	7.0	

MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
GEL CL	300		
CMC	100		

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO
1442	1506				

SURVEYS DEPTH	ANGLE
1456	2°

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4[00]	5[30]	Drilling
5[30]	6[00]	Survey
6[00]	8[15]	Derrick Rig
8[15]	9[45]	Drilling
9[45]	10[15]	Work on Air Com.
10[15]	12[00]	Drilling

DAY WORK RATES

W.O.P HRS.	MIN.	W.O.O.P HRS.	MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

D\W FOOTAGE THIS 24 HRS. _____

SIGNED _____ Co. R.

DATE FEB 20/66

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PR-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 12
FIELD
LEASE
WELL NO.
LOCATION
PROVINCE

CONTRACTOR CASCADE DRLG
RIG NO. 19
DATE FEB 17/66
ROTARY ☑ SERVICE ☐

MORNING TOUR 12 MID M. TO 8 A M

DRILLER R B Allen

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
3A	7 7/8	OSC3	FAST 1106	

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

FLOAT @ 1109
SHOE @ 1147

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12 AM	1 AM	RIG SERV
1 AM	1 1/2 AM	PREPARE TO DRILL OUT
1 1/2 AM	4 1/2 AM	DRLG OUT FLOAT & SHOE
4 1/2 AM	5 AM	HOIST
5 AM	8 AM	LAY DOWN 9" COLLARS & CLEAN MUD TANKS.

DAY WORK RATES

	W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A M TO 11 P M

DRILLER Bert Burke

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
1	7 7/8	OSC1G	37	2 1/2
2	7 7/8	HTC		

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
GEL	500		
CAUSTIC	100		
UC-10	250		

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
1106	1147				

SURVEYS: DEPTH 1147 | ANGLE 1 1/2

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8 AM	8:15 AM	SER RIG
8:15 AM	9 AM	PICK UP DC & P.P. TAG FLOAT
9 AM	10:15 AM	TRIP IN W/ DC & PIPE
10:15 AM	11 AM	WASH ON CEMENT
11 AM	1 PM	DRLG
1 PM	1:30 PM	DROP SURVEY
1:30 PM	2 PM	TRIP FOR BIT UNDER GAGE & LOST 30 PTS. RUNNING IN STAND. 30' FROM BIT

DAY WORK RATES

	W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 11 P M TO 12 M M

DRILLER E Swanchuk

OPERATING DATA: SIZE D.C. 18 | PUMP SPM 62 | NO. D.C. 12 | PUMP PRESS 1000 | PUMP STROKE 11 | ROTARY RPM | LINER SIZE 7 1/2 | WT. ON BIT

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
2	7 7/8	HTC	9	1 1/2
3	6 3/4	HSJ	14	1 1/2

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
	8.6	32		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Gel	200		
Caustic	100		
Imco/lig	500		
Vcio	250		

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12 AM	4:15 AM	Finish TIH
4:15 AM	4:30 AM	Circ & Rig Bskts.
4:30 AM	6:30 AM	Reaming Under Gage
6:30 AM	7 AM	Rig Service
7 AM	10:15 AM	Drilling - Work Junk Sub
10:15 AM	10:45 AM	Trip for bit
10:45 AM	12 AM	Work Junk Sub.
12 AM	12 PM	Drilling

DAY WORK RATES

	W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS.
TOTAL DRLG TIME THIS 24 HRS.
TOTAL DAY WORK THIS 24 HRS.
HRS. WITH DRILL PIPE
HRS. WITHOUT DRILL PIPE
D\W FOOTAGE THIS 24 HRS.

SIGNED E Swanchuk Co. R.
DATE FEB 18/66

IS YOUR REPORT COMPLETE?

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 18
FIELD DOME LAKE
LEASE TEX-(WFH)
WELL NO. J-72
LOCATION
PROVINCE N.W.T.

CONTRACTOR CASCADE DRILLING DATE FEB. 16/66
RIG NO. 4 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 MID M. TO 4 P.M. DRILLER

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.
MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | TO; RATHOLED FROM | TO; REAMED FROM | TO
SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.B. HRS. | MIN. | W.O.B. HRS. | MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

12 MID 8 AM W.O.C.
HEADING UP.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A M TO 4 P. M DRILLER Bob Rowe

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA: TIME | WT | VIS | W.L. | P.H.
MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | TO; RATHOLED FROM | TO; REAMED FROM | TO
1160
SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.B. HRS. | MIN. | W.O.B. HRS. | MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

8 AM 1 PM W.O.C.
1 PM 9 PM FINISH HEADING UP. RIGGING LINE TO PRESS TEST RAM'S.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P.M. TO 12 MID M. DRILLER Emerson

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.	7 1/2	PUMP SPM		BIT	12 1/4	OSC	—	—
NO. D.C.	21	PUMP PRESS						
PUMP STROKE	18	ROTARY RPM						
LINER SIZE	7 1/2	WT. ON BIT						

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.
MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | TO; RATHOLED FROM | TO; REAMED FROM | TO
SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.B. HRS. | MIN. | W.O.B. HRS. | MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

PRESSURED UP BLIND RAMS & TO 1500# HELD OK

Pressured up pipe rams to 1000# held ok.

Pressured up on Hydril To 1250# HELD OK.

Crew appear to have good knowledge of B.O.P. Equip.

4 P.M. 5 P.M. Service Rig.
5 P.M. 6 P.M. Work on Accum lines from.
6 P.M. 9 P.M. Press. Pipe rams, Csg + Surface equip to 1500 psi Report Leak in Mud line. Repress - Rams held ok.
9 P.M. 9:30 P.M. Trip pipe in to 1160
9:30 P.M. 1 A.M. Press test BOP & Lines w/ Rams to 1000 psi - held ok.
1 A.M. 6 A.M. Press test on Hydril to 1250 psi - held ok.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

D\W FOOTAGE THIS 24 HRS. _____

SIGNED C. Deaver Co. R.
DATE Feb. 17/66.

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY
DAILY DRILLING WELL REPORT

REPORT NUMBER 19
FIELD BOUIE LAKE
LEASE TEXACO NFH
WELL NO. J-12
LOCATION
PROVINCE N.W.T.

DATE FEB. 15/66

CONTRACTOR CASCADE DRLG. ROTARY ☐ SERVICE ☐ DRILLER R. B. Dunn

RIG NO. 19

MORNING TOUR 12 MID M. TO 8 AM M

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

SURVEYS: DEPTH | ANGLE

HOLE DATA: DRILLED FROM | TO | RATHOLED FROM | TO | REAMED FROM | TO

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.A HRS. | MIN. | W.O.D.P HRS. | MIN.

12 Mid W.O.C.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Run 36 Joints 13 3/8" 48# J-55 Casing.
Landed on bottom @ 1160
Cemented w/ 1080 sks
Latonge cement + 2% Cacl
Dil lost 200 sks.
Lost circulation on plug pump
Cement dropped.
Plug down @ 12:30 AM
Cemented by Howco.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DRILLER Robt Wilson

DAYLIGHT TOUR 8 A. M TO 4 P. M

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

SURVEYS: DEPTH | ANGLE

HOLE DATA: DRILLED FROM | TO | RATHOLED FROM | TO | REAMED FROM | TO

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.A HRS. | MIN. | W.O.D.P HRS. | MIN.

8 P W.O.C.
Clean mud Tanks
Unit up & 2 Pump
2" Cellar Lance
Cut Conductor Pipe 4' BC
Cut 9 5/8" off BC
Press Accum. Line to RC.
3 Men Stayed over to work up @ Texaco request.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Re-Cemented down 1" out side of csg. through 1" pipe with 100 sks Latonge + 4% calcium. Had good returns with 80 sks. Estimated cmt top @ 160 ft.
Completed @ 10 AM.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DRILLER Lawrence Clark

EVENING TOUR 4:00 P M TO 12 M M

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

SURVEYS: DEPTH | ANGLE

HOLE DATA: DRILLED FROM | TO | RATHOLED FROM | TO | REAMED FROM | TO

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.A HRS. | MIN. | W.O.D.P HRS. | MIN.

7:00 Feb 15/66 Mud 6 Vis-35sec Gustic 100 Bale Sawdust Water

4:00 P.M. W.O.C.
Went on Csg bowl
N. pipe up Rig 16.
Work on pumps
Instl Dehcd Suction Gate on #2 Suction.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED R. Dunn Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE Feb. 16. 66.

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PD-212-A (TEC) 3-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 8
FIELD
LEASE TEX. (WFA) J-73
WELL No.
LOCATION BOUIE LAKE
PROVINCE N.W.T.

CONTRACTOR CASCADE DRLG DATE 1-FEB-1966
RIG NO. 14 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 MID. M. TO 8 A.M. — DRILLER D. & D. Wilson

OPERATING DATA

SIZE D.C.		PUMP SPM	
NO. D.C.		PUMP PRESS	
PUMP STROKE		ROTARY RPM	
LINER SIZE		WT. ON BIT	

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
2A	17½	RR	661	21

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
GEL.	450		
CAUSTIC SODA			
SAW DUST			
BYBLA 3" PKG	40 SKS.		

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
				1142	1160

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12:00	12:15	RIG SERV
12:15	12:30	WORK ON DRAWWORKS
12:30	2:00	REAM 12¼" HOLE TO 17½"
2:00	2:30	CIRC
2:30	3:00	HOIST (HOLE TIGHT FOR 3 STDS)
3:00	4:30	REAM HOLE
4:30	5:00	CIRC & COND MUD
5:00	6:00	HOIST TO RUN CASING
6:00	8:00	RIG UP TO RUN CASING

DAY WORK RATES

	W.O.P HRS.	W.O.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.
TOTAL DAY WORK TIME CHARGEABLE TO TEXACO				

DAYLIGHT TOUR 8 A. M TO 4 P.M. — DRILLER Bob Wilson

OPERATING DATA

SIZE D.C.		PUMP SPM	
NO. D.C.		PUMP PRESS	
PUMP STROKE		ROTARY RPM	
LINER SIZE		WT. ON BIT	

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
					1160

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8:00	9:00	SET BIG
9:00	9:30	BLOW KELLY & MUD LINE
9:30	1:00	FINISH RIG TO RUN CSG
1:00	4:00	RUN 29 JTS 13⅜" CSG
4:00	8:00	MAKE TRIP 23-TO 29 JTS

DAY WORK RATES

	W.O.P HRS.	W.O.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.
TOTAL DAY WORK TIME CHARGEABLE TO TEXACO				

EVENING TOUR 8:00 P M TO 12 P.M. — DRILLER J. Mountain

OPERATING DATA

SIZE D.C.		PUMP SPM	
NO. D.C.		PUMP PRESS	
PUMP STROKE		ROTARY RPM	
LINER SIZE		WT. ON BIT	

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8:00	6:00	Run 13⅜" Csg
6:00	6:30	Hook up Cire Head
6:30	6:45	Break Cir-Losing Mud
6:45	7:00	Build Volume & Mix Mud
7:00	8:15	Circulate -
8:15	7:00	Build Volume
7:00	8:00	Circulate hole
8:00	8:20	Mix Cement & [illegible]
	8:20	Displacing plug.

DAY WORK RATES

	W.O.P HRS.	W.O.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.
TOTAL DAY WORK TIME CHARGEABLE TO TEXACO				

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED _____ Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE _____ 1966

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212 A (TEC) 2-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 9
FIELD
LEASE TEX NEA
WELL NO. BOUIE LK.
LOCATION J-72
PROVINCE N.W.T.

CONTRACTOR CASCADE DRLG DATE FEB. 13/65
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR MID M. TO 8 A.M DRILLER [illegible]

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM		2A	17½	[illegible]	157	6
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

HOLE DATA: DRILLED FROM / TO; RATHOLED FROM / TO; REAMED FROM 499 TO 636
SURVEYS DEPTH / ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

MUD TEST DATA: TIME / WT. / VIS / W.L. / F.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
GEL	6300#	CAUSTIC	7 BAGS
CAUSTIC	150#	FLEX STONE	
LIME	50#		
SAWDUST BULK	12 BAGS		

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12 00	17 00	Work & Ream Hole
17 00	17 30	Survey & Same
17 30	18 00	Ream 12¼" Hole to 17½"
18 00	20 00	Rig Serv.
20 00	20 30	Circ. out Sample
20 30	8 00	Reaming

DAY WORK RATES: W.O.P. HRS. / MIN.; W.O.D.P. HRS. / MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A M TO 4 P.M DRILLER Robt Nuttall

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	9-6¼	PUMP SPM		2A	17½	P.R.C.	506	13-6/12
NO. D.C.	3-18	PUMP PRESS	600					
PUMP STROKE		ROTARY RPM	140					
LINER SIZE		WT. ON BIT	35					

HOLE DATA: DRILLED FROM / TO; RATHOLED FROM / TO; REAMED FROM 636 TO 1005
SURVEYS DEPTH / ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

MUD TEST DATA

TIME	WT.	VIS	W.L.	F.H.
10 00		68		
2 00		80		
2 00		82		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
GEL	4 SKS		
CAUSTIC	100		
LIME	50		
BIO FLOCK	200		

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8 00	8 15	Ser. Rig.
8 15	4 00	Ream 12¼" to 17½"

DAY WORK RATES: W.O.P. HRS. / MIN.; W.O.D.P. HRS. / MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4:00 P M TO 12 00 M. DRILLER Dennis Thauchuk

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	7 5/8	PUMP SPM	66	2A	17½	P.R.C.	233	19½
NO. D.C.	21	PUMP PRESS	600					
PUMP STROKE	14	ROTARY RPM	140					
LINER SIZE	7½	WT. ON BIT	25					

HOLE DATA: DRILLED FROM / TO; RATHOLED FROM / TO; REAMED FROM 1005 TO 1192
SURVEYS DEPTH / ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

MUD TEST DATA: TIME / WT. / VIS / W.L. / F.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Gel	55#		
Caustic	10#		
Sawdust Bulk			
Water			

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4 00	4 15	Service Rig
4 15	8 45	Reaming
8 45		Losing Mud to Formation
		Build Volume & Mix
10 45		Lost Circulation Material
10 45	12 00	Reaming.

DAY WORK RATES: W.O.P. HRS. / MIN.; W.O.D.P. HRS. / MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

D\W FOOTAGE THIS 24 HRS. _____

SIGNED [illegible] Co. R.

DATE 14-2-65

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PC-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 8

CONTRACTOR Cascade Drlg DATE FEB 12/66

FIELD

LEASE Tex-Hfit Bouie

WELL NO. J-72

LOCATION Bouie Lake

RIG NO. 19 ROTARY ☑ SERVICE ☐

PROVINCE N.W.T

MORNING TOUR 12 MID M. TO 4 A M DRILLER [illegible]

OPERATING DATA

SIZE D.C. 8-9	PUMP SPM		
NO. D.C. 6-3	PUMP PRESS		
PUMP STROKE	ROTARY RPM		
LINER SIZE	WT. ON BIT		

BIT DATA

NO.	SIZE	TYPE	STAGE	HRS. RUN
4A	12¼	J4	303	3½

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
GEL	600		
WATER			

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
1111	1141				

SURVEYS

DEPTH	ANGLE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12 MD	12½	R.R. SERV
12½	12¾	SURVEY @ 1100-1½°
12¾	4 00	DRLG 12¼" HOLE
4 00	6 00	TRIP & CHANGE BIT
6 00	9 00	MIX MUD

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 6 A M TO 6 P M DRILLER Robt White

OPERATING DATA

SIZE D.C. 8-08	PUMP SPM		
NO. D.C. 3-18	PUMP PRESS	600	
PUMP STROKE	ROTARY RPM		
LINER SIZE	WT. ON BIT		

BIT DATA

NO.	SIZE	TYPE	STAGE	HRS. RUN
3A	12¼	J4	18	5¾

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
GEL	4700	FIBER	120
CAUSTIC	150		
LIME	50		
CHEMSEAL	200		

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
1141	1159				

SURVEYS

DEPTH	ANGLE
1140	1¾

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
6 00	6 15	SER R.C.
6 15	10 30	MIXING MUD TO BUILD VOLUME
10 30	10 45	DRLG
10 45	11 00	SURVEY
11 00	9 00	DRLG

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 6 P M TO 12 M DRILLER Dennis Hauck

OPERATING DATA

SIZE D.C. 8-2	PUMP SPM		
NO. D.C. 21	PUMP PRESS		
PUMP STROKE 18	ROTARY RPM	100	
LINER SIZE 11½	WT. ON BIT	5-6	

BIT DATA

NO.	SIZE	TYPE	STAGE	HRS. RUN
4A	12¼	J4L	19	5½

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Gel	1000		
Caustic	50		

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
1159	1160				

SURVEYS

DEPTH	ANGLE
1160	1¾

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
6 00	6 15	Drilling
6 15	6 30	Service Tour Hole
6 30	6 45	Survey @ 1160
6 45	7 00	Sounde R.R.
7 00	7 30	Hoist to Ream
7 00	7 30	Recon Mud tanks
7 30	7 50	Lay down Stab-1 Pick up Reamer.
7 30	10 00	Run in to 1160.
10 00	11 00	Attempt to Break Circ
11 00		Hoist Plugged Bit.

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK TIME THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED E. Brown Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE Feb. 13/66.

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 4-54

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 6
FIELD
LEASE Tes Nish Bone
WELL NO. J-22
LOCATION
PROVINCE N.W.T.

CONTRACTOR Cascade Drlg DATE FEB 11/66
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 M. TO 8 A M

DRILLER Ed Wilson

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	6" - 7"	PUMP SPM		4A	12¼	S-4	936	15
NO. D.C.	3 - 18	PUMP PRESS						
PUMP STROKE	18	ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
GEL	8000 #		
CAUSTIC	150 #		
WATER			
BULK SAWDUST			

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE
897	970						

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12:00	1:00	Dry grd in Hole
1:00	1:15	Rig Serv
1:15	3:00	Drlg
3:00	3:15	Survey @ 926 - 1°
3:15	6:15	Drlg
6:15	6:30	Survey @ 957 - 1 1/8
6:30	7:00	Drlg

DAY WORK RATES

	W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.
TOTAL DAY WORK TIME CHARGEABLE TO TEXACO				

DAYLIGHT TOUR 8 A M TO 4 P M

DRILLER Bob White

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	7-9	PUMP SPM		4A	12¼	S-4	202	22
NO. D.C.	21	PUMP PRESS	600					
PUMP STROKE	18	ROTARY RPM	100					
LINER SIZE		WT. ON BIT	5-6					

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.
8A	74			
5P	62			

MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
GEL	2200		
CAUSTIC	50 #		

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE
970	1050					985	1½
						1008	1¾

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8:00	8:15	Drlg
8:15	8:30	Ser Rig
8:30	10:30	Drlg
10:30	10:45	Survey
10:45	1:15	Drlg
1:15	1:45	Survey
1:45	4:00	Drlg

DAY WORK RATES

	W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.
TOTAL DAY WORK TIME CHARGEABLE TO TEXACO				

EVENING TOUR 4:00 P M TO 12 M M

DRILLER Norm Edwards

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	7-9	PUMP SPM	68	4A	12¼	S-4	273	29½
NO. D.C.	21	PUMP PRESS	600					
PUMP STROKE	18	ROTARY RPM	100					
LINER SIZE	7½	WT. ON BIT	4000					

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.
	9.9	80		
	9.9	100		

MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
Gel - [illegible]	4500		
Caustic	100		
Water			

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE
1050	1111					1060	1½
						1070	1½

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4:00	5:00	Drilling 12¼" hole
5:00	5:15	Survey @ 1060 - 1½°
5:15	5:30	Service Rig
5:30	6:45	Drilling
6:45	7:00	Survey @ 1070°

DAY WORK RATES

	W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.
TOTAL DAY WORK TIME CHARGEABLE TO TEXACO				

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

D\W FOOTAGE THIS 24 HRS. _____

SIGNED E. Bauer Co. R.

DATE Feb. 12-66

IS YOUR REPORT COMPLETE?

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 5
FIELD
LEASE
WELL NO.
LOCATION
PROVINCE

CONTRACTOR Gascade Drlg DATE Feb 10/66

RIG NO. 1 ROTARY ☑ SERVICE ☐

MORNING TOUR 4 M. TO 12 M

DRILLER K Blum

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE/HRS.RUN
SIZE D.C.		PUMP SPM		3A	12¼	J-4	13
NO. D.C.		PUMP PRESS					179
PUMP STROKE		ROTARY RPM					
LINER SIZE		WT. ON BIT					

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Bel. Food			
Caustic 150#			

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
403	403				

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
400	1:00	Rig up 12¼" Hole
1:00	1:30	Drlg 15 ft
1:30	2:00	Survey @ 710 - ¾°
2:00	3:00	Drlg
3:00	3:30	Survey @ 742 - 1°
3:30	5:00	Drlg
5:00	5:30	Survey @ 774 - 1 1/8°
5:30	6:00	Drlg

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.P. HRS.	W.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR M TO M

DRILLER Bill Schultz

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE/HRS.RUN
SIZE D.C.		PUMP SPM		3A	12¼	J-4	223 18
NO. D.C.	21	PUMP PRESS	400	4A	12¼	J-4	4 ½
PUMP STROKE		ROTARY RPM	100				
LINER SIZE		WT. ON BIT	24				

MUD TEST DATA

TIME	WT	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Gel 300#			
Caustic 150#			

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
403	592				

SURVEYS DEPTH | ANGLE
500 ¼
854 1¼

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
		Service Rig
		Survey
		Drilling & Circ for Sample
		Trip for Bit
		Ream 30' to Bottom

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.P. HRS.	W.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4:00 PM TO 12:00 M

DRILLER Bill Schultz

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE/HRS.RUN
SIZE D.C.	9	PUMP SPM	62	4A	6½	J-55	59 7½
NO. D.C.	21	PUMP PRESS	550				
PUMP STROKE	18	ROTARY RPM	100				
LINER SIZE	9½	WT. ON BIT	4000				

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Gel	63#		
Caustic	100		
Soapstone Bulk			

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
592	597				

SURVEYS DEPTH | ANGLE
854 1¼

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
1:00	4:45	Service Rig
4:45		Drilling & Circ mud to Form at front Build Volume + Mix Lost Circ Material
		Trip Drilling
		Survey @ 854
		Drlg (as above)
		Survey
		Drilling

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.P. HRS.	W.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED _____ Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE Feb 11-66

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS, CALBERTAL LTD.

FORM PO-212-A (VEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 4
FIELD
LEASE FEE NCR.
WELL NO. I-72
LOCATION BLK 5
PROVINCE N.W.T.

CONTRACTOR CASCADE DRLG. DATE FEB. 9-66

RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR

M. TO M DRILLER

OPERATING DATA			
SIZE D.C.		PUMP SPM	
NO. D.C.		PUMP PRESS	
PUMP STROKE		ROTARY RPM	
LINER SIZE		WT. ON BIT	

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
2A	12¼	OSC	499	10
3A	12¼	J-4	8	3½

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Gel-Bulk	3000#		
Caustic	40#		

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
623	633			341	499

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
M	11½	Rig Service
11½	12	Reaming 12¼" Hole To 17½"
12	4½	Hoist & Lay Down Reamer
4½	6	Rig Up & Pick Up
6	7½	2 Stds Ream Bridge @ 540 & Clean Out To Bottom
7½	8	Drill 12¼" Hole

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR

M TO M DRILLER Bob Abbott

OPERATING DATA			
SIZE D.C.	8"	PUMP SPM	
NO. D.C.	21	PUMP PRESS	
PUMP STROKE		ROTARY RPM	
LINER SIZE		WT. ON BIT	

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
3A	12¼	J-4	28	2½

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Gel	3300	Mica-Fybre	360
Lime	100		
Caustic	100		
Sawdust	Sack		

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
633	653				

SURVEYS

DEPTH	ANGLE
650	1°

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

lost circulating rate est. 140 bbl.

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8:00	9:15	Sgr Ric
9:15	1:00	Lost circ - mix LCM & lost circ material
1:00	2:00	Circ - Pump - Cement
2:00	3:00	Survey
3:00	12:45	Circ losing mud
12:45	4:00	Mix mud & lost circ material

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR

4:00 P M TO 6:00 M DRILLER M. Peacock

OPERATING DATA			
SIZE D.C.	9" & 8"	PUMP SPM	46
NO. D.C.	21	PUMP PRESS	500
PUMP STROKE	18	ROTARY RPM	90
LINER SIZE	7½	WT. ON BIT	18

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
3A	12¼	J-4	80	6

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
Loaded	81			
Lost Circ				
Mud Level				

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Gel	9600	Mica Fybre	1080
Caustic	100		
Lime	50		
Sawdust	Bulk		

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
653	803				

SURVEYS

DEPTH	ANGLE
670	¾°

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
Mid	7:30	Mix up Batch Mud
7:30	7:30	Fill Tanks
7:30		Drilling - Losing Mud to Formation
		Mixing Mud 7 Days
		100 Bbl water while drilling
6:15	6:30	Survey @ 620' ¾°
6:30	11:30	Drilling
11:30	12:00	Repair Broken Air Line on Rotary Clutch

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. TOTAL DRLG TIME THIS 24 HRS. TOTAL DAY WORK THIS 24 HRS.

HRS. WITH DRILL PIPE HRS. WITHOUT DRILL PIPE

D.W. FOOTAGE THIS 24 HRS.

SIGNED E. Browne CO. R.

DATE Feb. 10 66.

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 3
FIELD
LEASE TEX (WEA)
WELL NO. J-22
LOCATION BOWIE
PROVINCE N.W.T.

CONTRACTOR Cascade Drlg DATE FEB 8/66
RIG NO. 19 ROTARY ☐ SERVICE ☐

MORNING TOUR

M. TO ____ M DRILLER [illegible]

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	F'TAGE	HRS. RUN
SIZE D.C.		PUMP SPM		1A	12¼	HOSC-3	620	4¾
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
	70			
	9.2	30		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
36'	620				

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Survey S-421 - ¼
430 - ¼
478 - ¼
506 - ¼
535 - ¼
562 - ¼
590 - ¾
620 - ¾

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12:00	12:30	Rig Serv
12:30	1:30	Dr. 12¼" Hole
1:30	8:00	Survey Every 30 Ft
		Run Surveys 2 Hrs.

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR

M TO ____ M DRILLER ____

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	F'TAGE	HRS. RUN
SIZE D.C.		PUMP SPM		1	12¼	HOSC-3	625	23¼
NO. D.C.	21	PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA

TIME	WT	VIS	W.L.	P.H.
1400		200		

MUD ADDED THIN TOUR

MATERIAL	LBS.	MATERIAL	LBS.
GEL	3900		
CAUSTIC	50		
LIGN.	100		
BULK SACKS			

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
620	625				

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
600	615	Sea Rig
615	1100	Mix Gel & Lost Circ. Material Lost Circ.
1100	1130	Drill 5'
1130	115	Circ. Hole & Sample
115	400	Pull out - Lay Down 29 DC x 2½-6¾ Sub. To Ream to 12¼

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 400 P M TO 12c M

DRILLER V. Tkachuk

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	F'TAGE	HRS. RUN
SIZE D.C.	9"-6½	PUMP SPM	66	1A	12¼	HOSC	620	4¾
NO. D.C.		PUMP PRESS	400	2B	17½	RR	381	7
PUMP STROKE	18	ROTARY RPM	100					
LINER SIZE	7¼	WT. ON BIT	50					

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Lime	50#		
Gel	1300#		
Water			

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
620				0	381

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
400	415	Service Rig.
415		Make up Pilot Reamer
	500	& Spot Weld Pilot Bit.
500		Reaming 12¼ to 17½"
	1200	hole

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. ____ TOTAL DRLG TIME THIS 24 HRS. ____ TOTAL DAY WORK THIS 24 HRS. ____

HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____

D\W FOOTAGE THIS 24 HRS. ____

SIGNED E. Brown Co. R.

DATE Feb. 9-66

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 2
FIELD
LEASE Tex. NFA
WELL NO. J-72
LOCATION Bouie
PROVINCE N.W.T.

CONTRACTOR Cascade Drlg. DATE FEB 7/66
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR ____ M. TO ____ M DRILLER R.B. Olver

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM/TO | RATHOLED FROM/TO | REAMED FROM/TO

SURVEYS: DEPTH | ANGLE

DAY WORK RATES: W.O.P. HRS. MIN. | W.O.D.P. HRS. MIN.

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

FROM	TO	DESCRIPTION OF OPERATION	W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.
12:00	12:30	FINISH REAMING STAND		½		
12:30	1:00	TIH		½		
1:00	1:30	SPOOL SAND LINE		½		
1:30	6:00	DRILL ON BOULDERS		4½		

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A. M TO 4 P. M DRILLER R.B. Olver

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	9¼	PUMP SPM		1A	12¼	OSC3	191	11¼
NO. D.C.	5	PUMP PRESS	800					
PUMP STROKE		ROTARY RPM	120					
LINER SIZE		WT. ON BIT	10					

MUD TEST DATA: TIME | WT. | VIS 32 | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM 65 TO 191 | RATHOLED | REAMED

SURVEYS: 63' ¾° | 95' ½° | 130' ½° | 155' ½°

FROM	TO	DESCRIPTION OF OPERATION	W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.
8:00	8:15	SER RIG.		¼		
8:15	11:00	DRLG		2¾		
11:00	11:30	SURVEY & DRLG TEST		½		
11:30	12:15	DRLG		¾		
12:15	12:30	SURVEY @ 65°		¼		
12:30	1:15	DRLG		¾		
1:15	1:30	SURVEY		¼		
1:30	2:15	DRLG		¾		
2:15	2:30	SURVEY		¼		
2:30	3:00	DRLG		½		
3:00	3:15	SURVEY		¼		
3:15	4:00	DRLG		¾		
4:00	4:30	TRIP FOR BIT & SURVEY		½		
4:30	5:15	DRLG		¾		
5:15	5:30	SURVEY		¼		
5:30	6:00	DRLG		½		

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO 8

EVENING TOUR 6:00 P M TO 12:00 M DRILLER E. Braun

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	8-6¼	PUMP SPM		1	12¼	OSC3	365	17
NO. D.C.	11	PUMP PRESS	350					
PUMP STROKE	18	ROTARY RPM	120					
LINER SIZE		WT. ON BIT	10					

MUD TEST DATA: TIME | WT. 9 | VIS 29 | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL water | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM 174 TO 365 | RATHOLED | REAMED

SURVEYS: 335' ½°

FROM	TO	DESCRIPTION OF OPERATION	W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.
6:00	6:15	SER RIG		¼		
6:15	7:30	TRIP UP & CLEAN		1¼		
7:30	8:45	SURVEY @ 315' - ½°		1¼		
8:45	5:30	DRLG		¾		
5:30	5:45	SURVEY @ 335' ½°		¼		
5:45	1:45	DRLG		¾		
1:45	2:00	SURVEY @ 345 ½°		¼		
2:00	2:00	DRLG		¾		
2:00	2:15	SURVEY @ 375 ¼		¼		
2:15	3:15	DRLG		¾		
3:15	3:30	SURVEY @ 305 0°		¼		
3:30	6:30	DRLG		¾		
6:30	6:45	SURVEY @ 335 - ½°		¼		
6:45	11:45	DRLG		¾		
11:45	12:00	SURVEY @ 365 ½°		¼		

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO 12

TOTAL FOOTAGE THIS 24 HRS. ____ TOTAL DRLG TIME THIS 24 HRS. ____ TOTAL DAY WORK THIS 24 HRS. ____

HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ SIGNED E. Braun Co. R.

D\W FOOTAGE THIS 24 HRS. ____ DATE Feb. 8-66

IS YOUR REPORT COMPLETE?

FORM PO-212-A (TEC) 4-54

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 1
FIELD
LEASE Texaco N.T.A.
WELL NO. I-72
LOCATION I-72
PROVINCE N.W.T.

CONTRACTOR Cascade Drlg Co DATE Feb 6/66
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 P M. TO 8 A M — DRILLER Robt Oliver

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | TO | RATHOLED FROM | TO | REAMED FROM | TO

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Crew came out 2 hrs early To unload salt & mud trucks.

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	W.O.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.
12	00	Working on Pumps & Mud Lines				
00		Rig Release To Spud in.	8			

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A. M. TO 4 P M — DRILLER Robt Oliver

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY (RPM) | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

1A | 12¼ | HOC | 42' | 2

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

9.2 | 30

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM 0 | TO 42' | RATHOLED FROM | TO | REAMED FROM | TO

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	W.O.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.
8:00		Change Shock Hose on	2			
		& Pump & Repair Leaks				
		Same in Mud Lines				
		Engine & Pump to	2			
		Repair 4" Valves & Rods				
		& Replace 4" Union				
		on Main Mud Line	2			
2:00	4:00	Starting To Spud Mud				
		Same Lines and Pumps.	2			
			8			

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4:00 P M. TO 12 M — DRILLER R. Hawelub

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

1 | 12¼ | HOC | 42' | 2½

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

30

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | TO | RATHOLED FROM | TO | REAMED FROM | TO

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	W.O.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.
8:00		Spotting Sand Line				
		to Pump - Welding				
		Lug off Section of				
		Mud Line. Testing				
		Solutions on Tank				
3:30		Work on Pump				
4:00		Testing on Emulsion				
4:00		Repair Casings				
		Bike on Machine.				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED E. Beaver Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE Feb. 7/66

IS YOUR REPORT COMPLETE?

FORM PO-212-A (TEC) 4-64

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER _____
FIELD _____
LEASE Jerico NEA
WELL NO. J-72
LOCATION J-72
PROVINCE N.W.T.

CONTRACTOR Cascade Drlg. DATE _____

RIG NO. 19 ROTARY ☐ SERVICE ☐

MORNING TOUR _____ M. TO _____ M DRILLER _____

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	STAGE	HRS. RUN	MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.		PUMP SPM															
NO. D.C.		PUMP PRESS															
PUMP STROKE		ROTARY RPM															
LINER SIZE		WT. ON BIT															

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

RIG TIME DATA THIS TOUR FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	MIN.	W.O.O.P HRS.	MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

STARTED LOADING OUT RIG @ NELSON YARD ON JAN. 27/66. SOME OF CAMP ON LEASE PREVIOUS.
TEMP RANGED -30° TO -60°
RIGGING-UP DELAYED CONSIDERABLY DUE TO EXTREAM COLD.

STARTED BOILER JAN 31/66.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR _____ M TO _____ M DRILLER _____

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	STAGE	HRS. RUN	MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.		PUMP SPM															
NO. D.C.		PUMP PRESS															
PUMP STROKE		ROTARY RPM															
LINER SIZE		WT. ON BIT															

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

RIG TIME DATA THIS TOUR FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	MIN.	W.O.O.P HRS.	MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT, PLUGS, ETC.)

Used water for Rig & camp from Bovie Lake 3½ miles S.E. from location.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR _____ M TO _____ M DRILLER _____

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	STAGE	HRS. RUN	MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.		PUMP SPM															
NO. D.C.		PUMP PRESS															
PUMP STROKE		ROTARY RPM															
LINER SIZE		WT. ON BIT															

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

RIG TIME DATA THIS TOUR FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	MIN.	W.O.O.P HRS.	MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED _____ Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE _____

IS YOUR REPORT COMPLETE?

FORM PD-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 179
FIELD Wildcat
LEASE Texaco U.P.A.
WELL NO. J-72
LOCATION Pine Lake
PROVINCE Alberta

CONTRACTOR Halliburton + Otis DATE 11-3-67

RIG NO. — Bovie -J-72. ROTARY ☐ SERVICE ☑

MORNING TOUR

M. TO ____ M

DRILLER ____

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	STAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS DEPTH | ANGLE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION

DAY WORK RATES W.O.P HRS. MIN. | W.O.O.P HRS. MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Waiting on cat to run plugs

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR

M TO ____ M

DRILLER ____

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	STAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS DEPTH | ANGLE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION

DAY WORK RATES W.O.P HRS. MIN. | W.O.O.P HRS. MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Three sets of bags to
Surface. Dry
To test pull tool to 1000
psi for 30 min. Pressure held 2300 - Pulled + got Circ
Pulled 3 stds dry
Pulled 3 stds + blew DP
Pulled to 3220

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR

M TO ____ M

DRILLER ____

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	STAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS DEPTH | ANGLE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION

DAY WORK RATES W.O.P HRS. MIN. | W.O.O.P HRS. MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Well and bell plugged
+ Abandoned

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. ____ TOTAL DRLG TIME THIS 24 HRS. ____ TOTAL DAY WORK THIS 24 HRS. ____

HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ SIGNED ____ Co. R.

D\W FOOTAGE THIS 24 HRS. ____ DATE 13-11-67

IS YOUR REPORT COMPLETE?

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 158
FIELD Wildcat
LEASE Texaco A.F.A.
WELL NO. J 72
LOCATION Boundary Lake
PROVINCE Alta.

CONTRACTOR _____ DATE Mar 10/67

RIG NO. _____ ROTARY ☐ SERVICE ☐

MORNING TOUR _____ M. TO _____ M — DRILLER _____

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	F.M.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Mechanical & Electrical
Flowing well 2 hrs SIP
to be flowing

Rates Same SIP - 1500#
FP - 110#
Flow rate 734,000 MCF
Water rate 5 gal per min
Volume 94,500 bpm
Temp 76°

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.S.P HRS.	W.S.P MIN.	W.O.P HRS.	W.O.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR _____ M TO _____ M — DRILLER _____

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA TIME	WT	VIS	W.L.	F.M.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Well shut in - Crew
Crew work - Set structure
Heater - Weld leak & Replace
tube

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.S.P HRS.	W.S.P MIN.	W.O.P HRS.	W.O.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR _____ M TO _____ M — DRILLER _____

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	F.M.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Well shut in, crew
Crew work - Set structure
Heater - Weld leak & Replace
tube

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.S.P HRS.	W.S.P MIN.	W.O.P HRS.	W.O.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

D\W FOOTAGE THIS 24 HRS. _____

SIGNED _____ Co. R.

DATE 3-10-67

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS, (ALBERTA) LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 15-7
FIELD Wildcat
LEASE J-22 - Texaco N.S.
WELL NO. J-22
LOCATION Bonnie Lake
PROVINCE N.W.T.

CONTRACTOR _____ DATE March 9

RIG NO. _____ ROTARY ☐ SERVICE ☐

MORNING TOUR _____ M. TO _____ M DRILLER _____

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN	MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.		PUMP SPM															
NO. D.C.		PUMP PRESS															
PUMP STROKE		ROTARY RPM															
LINER SIZE		WT. ON BIT															

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

RIG TIME DATA THIS TOUR FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	MIN.	W.O.O.P. HRS.	MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

12 M to 8 AM.

Flowing well 2 hrs SI

½ hr flowing

Average SIP - 1500

FP - 40°

Well blew clean when opening valve for approx ¾ minute & then flowing water

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR _____ M TO _____ M DRILLER _____

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN	MUD TEST DATA TIME	WT	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.		PUMP SPM															
NO. D.C.		PUMP PRESS															
PUMP STROKE		ROTARY RPM															
LINER SIZE		WT. ON BIT															

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

RIG TIME DATA THIS TOUR FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	MIN.	W.O.O.P. HRS.	MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

6 AM - SIP 1500

FP - 40°

Flow Rate - 734,000 MCF

Water Rate - 5 gal per min.

Salinity - 94,000 ppm

Temp - 75°

Well SI 2 hrs

Man & hr - Rates even

Well steady

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR _____ M. TO _____ M DRILLER _____

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN	MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.		PUMP SPM															
NO. D.C.		PUMP PRESS															
PUMP STROKE		ROTARY RPM															
LINER SIZE		WT. ON BIT															

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

RIG TIME DATA THIS TOUR FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	MIN.	W.O.O.P. HRS.	MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

6 AM - SIP 1500 #

FP - 40°

Flow Rate - 734,000 MCF

Water Rate - 5 gal per min.

Salinity - 94,000 ppm

Temp - 75°

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED _____ Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE 3-9-67

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 133
FIELD Wildcat
LEASE Texaco NEA.
WELL NO. J-72
LOCATION Baie Fe
PROVINCE N.W.T.

CONTRACTOR _____ DATE March 8

RIG NO. _____ ROTARY ☐ SERVICE ☐

MORNING TOUR _____ M. TO _____ M — DRILLER _____

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | TO; RATHOLED FROM | TO; REAMED FROM | TO

SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.P HRS. | MIN. | W.O.D.P HRS. | MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Drilling 11 to 5:00 AM

Well shut in 2 hrs, flowing ½ hr

Average SI - 1550 psi

FP - 5m

Salinity 93,000 ppm - cl

Water rate increasing

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR _____ M. TO _____ M — DRILLER _____

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA: TIME | WT | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | TO; RATHOLED FROM | TO; REAMED FROM | TO

SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.P HRS. | MIN. | W.O.D.P HRS. | MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

11 ¾" — SIP 1500 psi

FP - 40 psi

Flow rate 734,000 MCF

Salinity 93,200 ppm

Water Rate 5 gal per min.

Temp 75°

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR _____ M TO _____ M — DRILLER _____

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA: TIME | WT. | VIS. | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | TO; RATHOLED FROM | TO; REAMED FROM | TO

SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.P HRS. | MIN. | W.O.D.P HRS. | MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

11 ¾" — SIP 1500 psi

FP - 40 psi

Rate 734,000 MCF

Salinity 93,200 ppm

Temp - 75°

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED J R Thomas Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE March 8/62

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 153
FIELD Wild Cat
LEASE TEXACO-ALTA
WELL NO. 1-72
LOCATION Davis Lake
PROVINCE Alta

CONTRACTOR Cascade Drlg
RIG NO. 19
DATE March 7-1967
ROTARY ☑ SERVICE ☐

MORNING TOUR 12 M TO 12 M
DRILLER Robert Armstrong

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FT. | TAG | HRS. RUN

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | TO | RATHOLED FROM | TO | REAMED FROM | TO

SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.P. HRS. | MIN. | W.O.D.P. HRS. | MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

FROM	TO	DESCRIPTION OF OPERATION
12		Testing Well

Shut in 1 hr, Blow 1 hr
Average SI 1200 # FP 45 #
Severity = 75,000 Appr - 6 12 th Edition
Water spray continuous

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 800 A M TO 1600 P M
DRILLER R Mauchuk

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FT. | TAG | HRS. RUN

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | TO | RATHOLED FROM | TO | REAMED FROM | TO

SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.P. HRS. | MIN. | W.O.D.P. HRS. | MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

FROM	TO	DESCRIPTION OF OPERATION
800	1600	Testing Well

Water spray continuous

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 12 M TO 12 M
DRILLER Robert Armstrong

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FT. | TAG | HRS. RUN

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | TO | RATHOLED FROM | TO | REAMED FROM | TO

SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.P. HRS. | MIN. | W.O.D.P. HRS. | MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

FROM	TO	DESCRIPTION OF OPERATION
		Rig Released @ 1200 Hrs
1200	500	Testing out.

Shut in 2 hr - flow ½ hr
Average F.P. - 60 #
" S.I.P. - 1253 #
Flow rate 734,000
Water sprays continuous

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____
HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____
D\W FOOTAGE THIS 24 HRS. _____

SIGNED A. R. Mears Co. R.
DATE 3-7-67

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 154
FIELD Wild Cat
LEASE Texaco NFB
WELL NO. J-72
LOCATION Bonnie Lake
PROVINCE N.W.T.

CONTRACTOR Cascade Drlg DATE March 6 - 1967
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 M. TO 8 A M

DRILLER Robert Williamson

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM / TO | RATHOLED FROM / TO | REAMED FROM / TO

SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.P. HRS. MIN. | W.O.C.P. HRS. MIN.

FROM	TO	DESCRIPTION OF OPERATION
12		TESTING WELL

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Time	Bo Press	Csg	Choke	Remarks
1st Hr	80	175	open	Steady flow Water and some Gas
2nd Hr	80	175	"	" "
3rd Hr	80	175	"	" water and Gas decreasing.
4th Hr	80	175	"	" "
5th Hr	80	175	"	" "
6th Hr	80	175	"	" Water & mud, Gas & Gas Decreased 23,000 PPM Cl in vicinity
7th Hr	80	175	"	" " " "

12 3/4" - 45' WOC for pressure Build-up - Tbg 80# on 175# Csg

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A M TO 6 P M

DRILLER Christenchuk

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM / TO | RATHOLED FROM / TO | REAMED FROM / TO

SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.P. HRS. MIN. | W.O.C.P. HRS. MIN.

FROM	TO	DESCRIPTION OF OPERATION
12	6	Testing well

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Testing well

Time - Bo Press - Csg - Choke - Remarks

1st Hr - 80 - 175 - open - Steady flow Water and some Gas

2nd Hr - 80 - 175 - " - " " "

3rd Hr - 80 - 175 - " - " water & Gas decreasing.

4th Hr - 80 - 175 - " - " " "

5th Hr - 80 - 175 - " - " " "

6th Hr - 80 - 175 - " - " Water & mud, Gas & Gas Decreased 23,000 PPM Cl in vicinity

7th Hr - 80 - 175 - " - " " " " "

12 3/4" - 45' WOC for pressure Build-up - Tbg 80# on 175# Csg

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 6 P M TO 12 P M

DRILLER Robert Williamson

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM / TO | RATHOLED FROM / TO | REAMED FROM / TO

SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.P. HRS. MIN. | W.O.C.P. HRS. MIN.

FROM	TO	DESCRIPTION OF OPERATION
6:00	12	Testing well.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Flowing well thru 1/4" choke - average TP - 1300 = CP 45 =

Water Salinity 8 and A.M - 78,000 ppm-Cl

Time - Bo Press - Csg - Choke - Remarks

1st Hr - 80 - 175 - open - Steady flow Water and some Gas

2nd Hr - 80 - 175 - " - " " "

3rd Hr - 80 - 175 - " - " water & Gas decreasing.

4th Hr - 80 - 175 - " - " " "

5th Hr - 80 - 175 - " - " " "

6th Hr - 80 - 175 - " - " Water & mud, Gas & Gas Decreased 23,000 PPM Cl in vicinity

7th Hr - 80 - 175 - " - " " " " "

12 3/4" - 45' WOC for pressure Build-up - Tbg 80# on 175# Csg

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. ____ TOTAL DRLG TIME THIS 24 HRS. ____ TOTAL DAY WORK THIS 24 HRS. ____

HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ SIGNED ____ Co. R.

D\W FOOTAGE THIS 24 HRS. ____ DATE 3/6-67

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 53
FIELD Wild Cat
LEASE TEXACO-NEA
WELL No. J-72
LOCATION Bonnie Lake
PROVINCE Alta.

CONTRACTOR Cascade Daic DATE March 5-1967
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 M. TO 8 AM DRILLER Robert Manning

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FT.AGE	HRS.RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | TO | RATHOLED FROM | TO | REAMED FROM | TO

SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.P. HRS. | MIN. | W.O.C.P. HRS. | MIN.

12 8 Testing Well

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Flowing Well to clean up.

Time | FTBG | Cog. | Choke & Remarks

12 MN | 150 | 0 | 48/64 | Heavy Spray, Spit Gas
1 AM | 150 | 0 | 48/64 | " "
2 AM | 150 | 0 | 48/64 | " "
3 AM | 125 | 0 | " | Spray decreasing, Spit Gas
4 AM | 125 | 0 | " | "
5 AM | 125 | 0 | " | Small Steady spray
6 AM | 125 | 0 | " | " "
7 AM | 125 | 0 | " | " "
8 AM | 125 | 0 | " | " "

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 AM TO 4 PM DRILLER Clarence Lack

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FT.AGE	HRS.RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA: TIME | WT | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | TO | RATHOLED FROM | TO | REAMED FROM | TO

SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.P. HRS. | MIN. | W.O.C.P. HRS. | MIN.

8 4 Flowing well to clean up.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Time | FTBG | Cog. | Choke

8 AM 125 0 Open Flowing well through 48/64 choke, Light Steady spray
9 AM 95 0 " " Water & Drilling Mud, 2 1/2" flow thru choke
10 AM 90 0 " " 2 1/2" " " 1020 MCF
11 AM 95 0 " " Light spray " " "
12 Noon 95 0 " " Heavy " Took Sample of Gas
1 PM 95 0 " " Light " Water & Mud 2 1/2" flow thru choke
2 PM 95 0 " " Steady " " " 1020 MCF
3 PM 95 0 " " Light " " " Took Sample of Gas
4 PM 95 50 " " " " " 1020 MCF

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 PM TO 12 PM DRILLER Robert Rollo

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FT.AGE	HRS.RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | TO | RATHOLED FROM | TO | REAMED FROM | TO

SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.P. HRS. | MIN. | W.O.C.P. HRS. | MIN.

4 PM 12 MN Testing well

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Time | FTBG | Cog.

6 PM 85 100 Flowing Sample taken 54,000 PPM - 1020 MCF CO2
7 PM 85 100 " " "
8 PM 85 100 " " "
9 PM 85 100 " " Sample taken 60,000 PPM - 1020 MCF CO2
10 PM 85 150 " " "
11 PM 90 150 Flowing Steady
12 MN 90 150 " "

Took Bucket Samples taken from a 1 1/4" Vented Flume on Test.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED H. Wollen Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE _____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 132
FIELD Wild Cat
LEASE TEXACO ALTA
WELL NO. 1-22
LOCATION Devil Lake
PROVINCE ALTA

CONTRACTOR CASCADE DRLG DATE March 4-1967
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 M. TO 8 AM DRILLER Robert Manning

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN	MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.		PUMP SPM															
NO. D.C.		PUMP PRESS															
PUMP STROKE		ROTARY RPM															
LINER SIZE		WT. ON BIT															

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	MIN.	W.O.O.P HRS.	MIN.
12		Set Tree in Place & Tighten All Bolts. Wait on Daylight & go Rig up Swab Equipment				

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Pressure Test lines to 6500 PSI. Held OK for 20 MIN. Acidized by Dowco using 220 BBL of MSA preceded by 5 BBL of Diesel Fuel w/ Frac flow and flushed w/ 10 BBL of Diesel Fuel w/ Frac flow and 73 BBL of Heated water w/ 4 #/1000 gal of FR10 friction loss reducer. Started acidizing w/ 4 BPM at 5500# and broke back to 5250 PSI and pressure went up to 8.5 BBL/min

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 00 A M. TO 4 00 P M. DRILLER Williamchuk

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN	MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.		PUMP SPM															
NO. D.C.		PUMP PRESS															
PUMP STROKE		ROTARY RPM															
LINER SIZE		WT. ON BIT															

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	MIN.	W.O.O.P HRS.	MIN.
		Set Tree & Tighten Bolts				
		Rig up Swab Equipment				
		Swab Well to Pit				
		Set Choke in Flow Line				
		Test Flow well to Pit				
		Shut in well to put Equipment away				

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Casing Press 3500 PSI during Frac job. Frac job completed at 9:15 PM Well shut in for 1/2 hr. Opened well to pit at 12 00 PM and flowed water and sand to pit. Left

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M. TO 12 P M. DRILLER Robert Gubbels

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN	MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.		PUMP SPM															
NO. D.C.		PUMP PRESS															
PUMP STROKE		ROTARY RPM															
LINER SIZE		WT. ON BIT															

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	MIN.	W.O.O.P HRS.	MIN.
4 P		Testing well				

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

to surface 400 MCF along w/ water and acid. Left well shut in while making choke repairs. Opened well w/ 1850 PSI St. Press. Opened well at 3 PM. Flowed well on undetermined choke until 6 30 PM w/ well press 300 PSI. Set choke on a 36/64 with press of 250 PSI. At 9 00 PM opened choke to 48/64 strong spray of acid wtr. Flowing Tbg Press dropped to 200 PSI and down to 150 in 1/2 hour

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED H.L. Weller Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE _____

IS YOUR REPORT COMPLETE?

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 157
FIELD Wild Cat
LEASE TEXACO SEA
WELL NO. J-72
LOCATION BOWLEAKE
PROVINCE N.W.T.

CONTRACTOR CASCADE DRLG DATE MARCH 3-1967
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 M. TO 6 A M DRILLER Robert Manning

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM / TO | RATHOLED FROM / TO | REAMED FROM / TO
11634

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.S.P HRS.	W.S.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.
12	1	Pull out				
1	130	Repair water line				
130	230	Finish out				
230	3	Slip Rig				
3	345	Pick up & Drass Down at's Tools.				
345	8	Run in				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 800 A M. TO 400 P M DRILLER Klimuchuk

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

MUD TEST DATA: TIME | WT | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM / TO | RATHOLED FROM / TO | REAMED FROM / TO

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Prepared Test Baker Annulus & Pack Tools for Packer Tubing. Reversed up to 1050 # held pressure for 20 min. Released Hydraulic Packer into Tubing

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.S.P HRS.	W.S.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.
800	830	W.O.O.				
830		Run Tubing into Production Packer & Land same in Hanger				
900		Nipple up Hanger & Test Out BOP Stack				
1000	1045	POOH				
1045	1100	Wait on Flange for Well Head				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M TO 12 P. DRILLER Robert Auld

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

Please Note Annulus is full of Inverd Mud. 10 # / 55 VISC

HOLE DATA: DRILLED FROM / TO | RATHOLED FROM / TO | REAMED FROM / TO

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Landed in Tubing Hanger in Wellhead. Picked Hydraulic set Packer that seal was out of Packer. Displaced mud out of Hydraulic Set Packer. Pumping down 10 Bbls of Diesel Oil Fresh Followed by 73 Bbls Diesel Oil Tubing Jacked in Packer & Tubing Suspended in Hydraulic Packer

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.S.P HRS.	W.S.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.
400	500	Wait on Well Head Flange				
500	900	Pick up Xmas Tree & Manifold & Land Same				
900	900	Remove Rotary Table				
900	1000	Pick up 10' Pup Jt in Top of Tree Pick up 23' Make up Hose to Displace Mud & Oil				
1000	1200	Displacing				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

D\W FOOTAGE THIS 24 HRS. _____

SIGNED J S Wolden Co. R.

DATE _____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 15A
FIELD WILDCAT
LEASE Tax - NWT
WELL NO. J-72
LOCATION J-72-60-20-W4, 1320'FSL
PROVINCE N.W.T.

CONTRACTOR CASCADE DRILLING DATE MAR 3/67

RIG NO. 19 ROTARY ☐ SERVICE ☐

MORNING TOUR _____ M. TO _____ M DRILLER _____

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

RIG TIME DATA THIS TOUR FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	MIN.	W.O.O.P. HRS.	MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Hg landed in bonnet w/ locator sub 4' above packer.

String Descent Setting Depths as follows.

1 - 3½" CS Hyd Double Pin 1 ft pup ft

1 - 3½ CS Hyd 10' pup ft.

241 jts 3½ CS Hyd 10 Buc 7343.05'

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR _____ M TO _____ M DRILLER _____

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

RIG TIME DATA THIS TOUR FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	MIN.	W.O.O.P. HRS.	MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

7" Hg 23# EUE Hg 3442.36'

6.82' of Otis Equipment including 1 pup.

K.B. to Tubing Bonnet 13.60'

Tubing Stretch 10.00'

There are 4 of 3½ seals above packer at 3368' below top of packer.

There is a 3½" Otis N nipple at 9788' Locator sub at 9795'

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR _____ M TO _____ M DRILLER _____

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

RIG TIME DATA THIS TOUR FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	MIN.	W.O.O.P. HRS.	MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

a 2" Perforated 6' pup ft at 9822' and a Otis 2" N nipple at 9828' and a Collar stop in bottom 2' pup ft at 9850'. Bottom of Hg String at 9852' K.B.

See Otis Completion report for all details to pup ft, nipples, sweedge, Seals etc.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED H. Scobbie Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE _____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 150
FIELD Wild Cat
LEASE TEXACO-AFEA
WELL NO J-72
LOCATION BOWIE LAKE
PROVINCE N.W.T.

CONTRACTOR CASCADE DRLG DATE MARCH 2-1967

RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 M. TO 8 A M — DRILLER Robert Manning

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

HOLE DATA: DRILLED FROM/TO | RATHOLED FROM/TO | REAMED FROM/TO | SURVEYS DEPTH/ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.
12	94				Baroid	10000
2	90					
4	96					
5	102					

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.
12		Circulate Gun Tanks				
	5:30	+ Mix WEIGHT				
5:30	6	Pick up OTIS				
6		Run Impression Block				
	8	to Market				

TOTAL DAY WORK TIME CHARGTABLE TO TEXACO

DAYLIGHT TOUR 8:00 M TO 4:00 M — DRILLER Wisniewski

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

HOLE DATA: DRILLED FROM/TO | RATHOLED FROM/TO | REAMED FROM/TO | SURVEYS DEPTH/ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H. | MATERIAL | LBS.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.
8:00	9:00	OTIS Run Magnet				
9:00	9:30	Rig to Run Impression Block				
9:30	9:45	Run Fishing Tool Shoe				
9:45	10:30	Rig out of Tubing				
10:30	11:30	T.O.O.H.				
11:30	12:00	Rig up OTIS #10				
12:00	4:00	Run Impression Block				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4P M TO 12 PM — DRILLER Robert Manning

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

HOLE DATA: DRILLED FROM/TO | RATHOLED FROM/TO | REAMED FROM/TO | SURVEYS DEPTH/ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H. | MATERIAL | LBS.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.
4:00		Run OTIS Impression				
	5:00	Block				
5:00	7:30	Wait on GRADERS				
7:30	8:00	Lay Down Seal Assm.				
8:00		Pick up 2 3/4 6 Pup				
		& Run in				
	10:30	w/ TBG				
10:30		Reel Plug & Punch				
	11:00	out Same				
11:00	12:00	T.O.O.H.				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED _____ Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE _____

IS YOUR REPORT COMPLETE? EBB

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 149.
FIELD Wildcat
LEASE TEXACO-NEA
WELL NO. J-72
LOCATION Bouie Lake
PROVINCE Alta

CONTRACTOR Cascade Drlg DATE March 1st 1967
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 M. TO 8 A M

DRILLER Robert Manning

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM/TO | RATHOLED FROM/TO | REAMED FROM/TO

SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.P. HRS. MIN. | W.O.O.P. HRS. MIN.

FROM	TO	DESCRIPTION OF OPERATION
12	1230	SER RIG
1230	8	Pick up 3½ T.B.G.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Ran 77 Jts

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 800 M TO 400 M

DRILLER L. Manchuk

MUD ADDED THIS TOUR: 20 BBls Diesel

FROM	TO	DESCRIPTION OF OPERATION
800	815	Service Rig
815	900	Finish Picking up
900	900	Tubing
900	1145	Wash 12" Hole to 2913 & Displace Acid w/water
1145	200	Displace Tubing to Acid by Hand
200	315	Pick up Otis Tool Run Tubing Plug Attempt to Move
315	345	Knock out Plug
345	400	Coffee Break

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M TO 12 P M

DRILLER Robert Burke

FROM	TO	DESCRIPTION OF OPERATION
400		Try to Push Plug out
	600	of Production Packer
600	1030	Run in w/ Otis & Retrieve Plug in TBG & Run in w/ Impression Block
1030		Reverse Circ Acid
	1115	into Storage Tanks
1115	1200	Circ into Tanks To Calm System.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG. TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED D. Burke Co. R.

D\W FOOTAGE THIS 24 HRS. _____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 148
FIELD Wild Cat
LEASE TEXACO NFA
WELL NO. 1-22
LOCATION BOVIE LAKE
PROVINCE WEST

CONTRACTOR CASCADE DRLG DATE Feb 28-1967
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 M. TO 8 A M — DRILLER Robert Warmoth

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | DRILLED TO | RATHOLED FROM | RATHOLED TO | REAMED FROM | REAMED TO

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12	6	LAY DOWN 3½ DP
6	6½	BREAK KELLY
6½	8	TEAR OUT BOPS

DAY WORK RATES: W.O.P. HRS. | W.O.P. MIN. | W.O.O.P. HRS. | W.O.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 to 8 M TO 4 to 2 M — DRILLER Wisniewski

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

MUD TEST DATA: TIME | WT | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | DRILLED TO | RATHOLED FROM | RATHOLED TO | REAMED FROM | REAMED TO

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8	30	TEAR OUT AND LAY
30	12	DRILL 8¾ HOLE
12	4	TRIP FOR BIT
4	4:45	SECOND DAY SURVEY

DAY WORK RATES: W.O.P. HRS. | W.O.P. MIN. | W.O.O.P. HRS. | W.O.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M TO 12 C M — DRILLER Robert Warmoth

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | DRILLED TO | RATHOLED FROM | RATHOLED TO | REAMED FROM | REAMED TO

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4:00	5:30	PICK UP WEAR BUSHING & HYDRIL MAKE BOLTS UNDR LINES & FLOW LINE
5:30	6:00	PICK UP STINGER
6:00	7:30	RUN 1st 77 JTS 2⅜"
7:30		TEST - RUN RABBIT

DAY WORK RATES: W.O.P. HRS. | W.O.P. MIN. | W.O.O.P. HRS. | W.O.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED D Barb Co. R.

D\W FOOTAGE THIR 24 HRS. _____

IS YOUR REPORT COMPLETE?

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 147
FIELD Wild Cat
LEASE TEXACO AFE
WELL No. 1-72
LOCATION Bow Lake
PROVINCE N.W.T.

CONTRACTOR Cascade Drlg DATE Feb 27-1967
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 M. TO 8 AM DRILLER Robert Manning

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FT AGG	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM / TO | RATHOLED FROM / TO | REAMED FROM / TO

SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES W.O.P | W.O.O.P: HRS. | MIN. | HRS. | MIN.

FROM	TO	DESCRIPTION OF OPERATION
12	8	Wait To Spot Diesel

11034

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 AM M TO 4 PM DRILLER Shumeluk

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FT AGG	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM / TO | RATHOLED FROM / TO | REAMED FROM / TO

SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES W.O.P | W.O.O.P: HRS. | MIN. | HRS. | MIN.

FROM	TO	DESCRIPTION OF OPERATION
8	9	Wait To Spot Diesel
9	10	Spot 6 bbls Diesel
		Various Circulations
		Trip Out - Pulled
		Trip In
		Rig up Schlumberger
		Run Otis Production
		Packer By Schlumberger
		Had Trouble Getting
		Into Line

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Spot 6 bbls Diesel on Bit
Distance of 70 bbls mud
Depth Drilled 10,034

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 PM M TO 12 PM DRILLER Robert Manning

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FT AGG	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM / TO | RATHOLED FROM / TO | REAMED FROM / TO

SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES W.O.P | W.O.O.P: HRS. | MIN. | HRS. | MIN.

FROM	TO	DESCRIPTION OF OPERATION
400		Pull Packer Out & Lay
		Down - Run In W/ Tank
		Gauge - Recover One
		Half Tank Oil & 1 Pc.
615		D.C. Rubber
615		Run In W/ Packer
615		& Land Same
615	645	Lay Down Schlumberger
645	1100	Run In W/ D.P.
1100	1200	Rig up To Lay Down
		D.P.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Ran Otis Type W.B. Packer Set
@ 9800' KB By Schlumberger.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED [signature] Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE Feb 28

IS YOUR REPORT COMPLETE?

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 146
FIELD W. C.
LEASE TEXACO NFA
WELL NO. J-72
LOCATION BUCK LAKE
PROVINCE ALTA.

CONTRACTOR CASCADE DRLG DATE FEB 26-1967
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 M. TO 8 AM DRILLER Robert Manning

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM 11034 TO | RATHOLED FROM TO | REAMED FROM TO

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

11 STDS TBG — Test
94 STDS Dake Pipe & Vanpoort Sub in Hole

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12	3	Wait To Run DST #9
3	5³⁰	Run in
5³⁰	6⁴⁵	Wait On Daylight
6⁴⁵		Tool open 6 Bbl
	7¹⁵	Initial Shut in
7¹⁵	8	Testing

DAY WORK RATES: W.O.P HRS. MIN. | W.O.D.P HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 800 A M TO 400 PM DRILLER Wiawechuck

OPERATING DATA / BIT DATA / MUD TEST DATA / MUD ADDED THIS TOUR — same columns as above

HOLE DATA / SURVEYS — same columns as above

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

DST #9 9832 — 10180 Mohrville 64 Sandstone
9832 — 9920 Ft 0 Oil 0 Gas
20 — 300 MW Heavy Mud Cut
3 Bbl Mud Recovered
40 Ft Fresh Water Cushion
600 Ft Oil Cut Mud
1245 PSI Hydrostatic Pressure
1st Initial Shut In
Tool Opened With Weak Blow
No Cushion Test Tool

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
3	12¹⁵	Test Alg
12¹⁵	1³⁰	Shut In (Final)
1³⁰	4⁰⁰	Pull DST #9

DAY WORK RATES: W.O.P HRS. MIN. | W.O.D.P HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 400 P M TO 800 AM DRILLER Robert White

OPERATING DATA / BIT DATA / MUD TEST DATA / MUD ADDED THIS TOUR — same columns as above

HOLE DATA / SURVEYS — same columns as above

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4⁰⁰	4³⁰	FINISH Pulling DST #9
4³⁰	5⁰⁰	BREAK DOWN PACKER.
5⁰⁰	7³⁰	W.O.O.
7³⁰	8⁰⁰	LAY DOWN AND LOAD OUT HALLIBURTON TESTER
8⁰⁰	11⁰⁰	TRIP IN OPEN END — (133 JTS TBG — 94 STDS DP.
11⁰⁰	12⁰⁰	WAIT TO SPOT DIESEL OIL ACROSS PERFORATIONS

NOTE — PICKED UP 2 JTS DP OFF RACKS = 6637

DAY WORK RATES: W.O.P HRS. MIN. | W.O.D.P HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

D\W FOOTAGE THIS 24 HRS. _____

SIGNED _____ Co. R.

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 145
FIELD Wildcat
LEASE Texaco Alta
WELL NO. J-72
LOCATION Bouie Lake
PROVINCE Alta.

CONTRACTOR Cascade Drlg DATE Feb 25-1967

RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 M. TO 8 A M

DRILLER Robert Manning

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

MOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE
11034							

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12	1230	SER RIG
1230	1	Slip DRL Line
1	4	Make up Packer & Run in
4	630	Circ Slow wait to Acidize
630	8	Hook up Halliburton

DAY WORK RATES W.O.P. HRS. MIN. W.O.P. HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 800 M TO 400 M

DRILLER Alvin Clark

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

MOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

10,681 Pkr Fm Acidizing
5.0

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8		Pump Down Tubing to Pkr Set Pkr & Test Annulus to 1000 psi
9		Move Spot
	1000	Acidizing
1000		Pull Packer Loose and Break Out Halliburton
	230	Lines
230	330	Trip Out
330		Lubricate Bond Packer

DAY WORK RATES W.O.P. HRS. MIN. W.O.P. HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4000? M TO 1200 MN

DRILLER Elliott White

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

MOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

JOB BY HOWCO ACIDIZED w/2000 GALS 10% MSA w/42 BALLS MARCHO + 12 GALS ADOMITE INHIBITOR. REVERSED MAX FEED RATE OF 2.8 BBLS/MIN @ 3700 PSI. INSTANT PRESSURE DECREASED FROM 3700 TO 2200 PSI. ACID IN FORMATION @ 4:30 AM. AVERAGE FLUSH 2.5 BPM

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
400	415	Service Rig Check BOP
415	11	Swabbed to Run DST #9
11		Make up Packer
	1200	and Run in 11 STDS Tubing — No Cushion

DAY WORK RATES W.O.P. HRS. MIN. W.O.P. HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED _____ Co. R.

D\W FOOTAGE THIS 24 HRS. _____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 114
FIELD WILDCAT
LEASE FEE AREA
WELL NO. J-72
LOCATION BOUCHARD LAKE
PROVINCE ALTA.

CONTRACTOR CASCADE DATE 2/24/67
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 M. TO 8 AM DRILLER Robert White

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS RUN	MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.		PUMP SPM															
NO. D.C.		PUMP PRESS															
PUMP STROKE		ROTARY RPM															
LINER SIZE		WT. ON BIT															

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12		Run Bridge Plug
	730	& Perforate
730		Lay Down Schlumberger
	8	Tools

DAY WORK RATES W.O.P. HRS. MIN. W.O.O.P. HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A M TO 4 P M DRILLER Robert Manning

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS RUN	MUD TEST DATA TIME	WT	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.		PUMP SPM															
NO. D.C.		PUMP PRESS															
PUMP STROKE		ROTARY RPM															
LINER SIZE		WT. ON BIT															

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8	8:30	Pick up Packer
8:30	9	Run in with Packer
9	9:30	Pull up Packer Set
9:30	11	Pull up Packer Set
11	11:30	Test Tool
11:30	4	Tool Shut in
11:30	12:00	Tool Shut in
12:00	12:35	Tool Open
12:35	4	Tool Shut in

DAY WORK RATES W.O.P. HRS. MIN. W.O.O.P. HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4:00 M TO 12:00 M DRILLER Duncan Clark

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS RUN	MUD TEST DATA TIME	WT	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.		PUMP SPM															
NO. D.C.		PUMP PRESS															
PUMP STROKE		ROTARY RPM															
LINER SIZE		WT. ON BIT															

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Ran cement plug 10005 - 9995
100' Class Cement w/ 2% CC, HR
12 added Plug Down @ 11:30 PM
By Schlumberger

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4:00	4:15	Tool Shut In
4:15		Unseat Packer &
	4:30	Break Down Swing
		Head
4:30	7:30	Pull DST #1
7:30	8:00	Break Down and Spud
8:00		Back Packer
8:00		Rig up Schlumberger
		& Run in (Dummy Trip)
10:00		w/ Bailer
10:00		Spot Cement Plug
11:30		on T.D. of Bridge Plug
11:30		Make up Packer to
12:00		Run in and Acidize

DAY WORK RATES W.O.P. HRS. MIN. W.O.O.P. HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED D. Barr Co. R.

D/W FOOTAGE THIS 24 HRS. _____ DATE _____

IS YOUR REPORT COMPLETE?

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 143
FIELD WILDCAT
LEASE TEXACO
WELL NO. J-72
LOCATION BIG LAKE
PROVINCE N.W.T.

CONTRACTOR CASCADE DRLG DATE FEB 27/67
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 P M. TO 8 A M DRILLER Robert Nichols

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | TO | RATHOLED FROM | TO | REAMED FROM | TO

SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.F HRS. | MIN. | W.O.D.P HRS. | MIN.

11024

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

FROM	TO	DESCRIPTION OF OPERATION
12:00	2:30	WAIT TO RUN D.S.T. #4
2:30	3:30	HOLE.
3:30	6:00	RUN #4
6:00	7:00	WAIT FOR DAYLIGHT
7:00	8:00	INITIAL SHUT IN
		TOOL-
		13 STDS. DC
		64 STDS D.P + Pump out Sub.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8A M TO 4P M DRILLER Robert Mannering

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | TO | RATHOLED FROM | TO | REAMED FROM | TO

SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.F HRS. | MIN. | W.O.D.P HRS. | MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

FROM	TO	DESCRIPTION OF OPERATION
8:00	11	Testing
11	2 PM	Hot Shut in
2	4	Pull Packer Loose Pull 1 Stand of DP
		Rev. 1 Joint Out
		Hot Fluid @ 86 STB out

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

Ran Set 3 Open Hook Joint of Drill Collars Jars Safety Joint 5 Stands Drill Pipe Packer Sub Ran Packer Retainer Valve Set Packer @ 10,000 Tested Recovered 1020' Oil Cut Salt Water Mud 760' Salty Acid Water

IHP 4962 ISIP 4575 IFP 347
FHP 4962 FSIP 4440 FFP 4782
BHT 354 TEST O.J.
Set @ 8000' Barrels

EVENING TOUR 4:00 M TO 12:00 M DRILLER Abramchuk

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | TO | RATHOLED FROM | TO | REAMED FROM | TO

SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.F HRS. | MIN. | W.O.D.P HRS. | MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

FROM	TO	DESCRIPTION OF OPERATION
4:00	4:45	Finish Pulling DST #4
4:45		Break Bound & Send Packer
4:45	11:30	WOO.
		Run Gauge Ring & Junk Basket.
11:30	12:00	Run in & Set Wire Line Bridge Plug. Perforations

Ran Schlumberger Gun Perforated 9850-56, 9859-64, 9865-69, 9933-35, 9978-80 with 1 Shot/ft using Schlumberger Hyperjet Gun Total 20 Shots. All Shots Away

By Schlumberger
Ran Model K Bridge Plug
Bridge Plug Set @ 10005'

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

D\W FOOTAGE THIS 24 HRS. _____

SIGNED _____ Co. R.

DATE 2/28/67

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA)

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 142
FIELD WILDCAT
LEASE TEXACO
WELL NO. F-22
LOCATION BOWIE LAKE
PROVINCE N.W.T.

CONTRACTOR CASCADE DATE Feb 22/67
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 P M. TO 8 A M DRILLER Robert Whitford

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FT AGG	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE
11,034							

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Ran 10' cement plug 10088'-10078' 1 cu ft cement cement w/ 2 1/2% To Hal-2 added.
Felt plug @ 10078' after 5½ hrs.
Job by Schlumberger.

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.
12M	12:15	Ser Rig				
12:15		Rig up Baker & Schlumberger To Dump Cement in Top of Plug @ 10088'				
3:00	4:30	Break Down D.S.T. Tool & make up Mud Wall Packer - 1 std To Tbg Below				
4:30	7:30	Run in w/ 23 stds Tbg & 84 stds D.P.				
7:30	8:00	Wait for Halliburton To Acidize.				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8A M TO 4 P M DRILLER Robert Manning

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FT AGG	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE
11,034							

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

20 BBL Fresh Water Ahead of 1000 gal 15% HCL Acid + 1 gal Renex + 1 gal Inhibitor + 1 gal Ferrotrol 300 + 10 gal Ferrotrol 250 + 1 gal Surfactant 100 + 1 gal Clay Master + 1 gal Iron Sequestering Agent + 1 gal Scale Inhibitor + 1 gal Corrosion Inhibitor + 1 gal Friction Reducer + 1 gal Demulsifier + 1 gal Non-Emulsifier + 1 gal Paraffin Solvent + 1 gal Mutual Solvent + 1 gal Water Wetting Agent + 1 gal Clay Stabilizer

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 141
FIELD WILDCAT
LEASE TEK NEB
WELL NO. J-72
LOCATION BADE LAKE
PROVINCE N.W.T.

CONTRACTOR Cascade DATE 2/21/67

RIG NO. 14 ROTARY ☒ SERVICE ☐

MORNING TOUR 12 P M. TO 8 A M DRILLER Robert Allister

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	F'TAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
11634					

SURVEYS DEPTH / ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
1200	1230	SER RIG
1230		SER & MAKE UP PACKER
	200	TOOL.
200	315	RUN IN 11 STDS TBG & FILL W/ DIESEL
315	145	RUN W/ D.S.T. TOOL
145	700	[redacted] OPEN TOOL
700	715	INITIAL SHUT IN
715	800	OPEN TOOL
		MOTOR SHUT, SEE ✓ O.K.
		TOOL - 250
		53 STDS TBG
		54 STDS D.P. & PUMP OUT SUB.

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A M TO 4 P M DRILLER Robert Manning

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	F'TAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS DEPTH / ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8	1145	Testing
1145	230	Test Shut in
230	4	Pull out

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M TO 12 M DRILLER Dominchuk

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	F'TAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS DEPTH / ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4	6	Finish Test #6
6	630	Break down Tester
630	11	Lay down D.P.
11		Wait on Baker to Set Cement Plug from Bridge Plug.

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED E. L. Beaumont R.

D/W FOOTAGE THIS 24 HRS. _____ DATE _____

IS YOUR REPORT COMPLETE?

CONTINUCUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 140
FIELD WILDCAT
LEASE TEXACO
WELL No. J-72
LOCATION BOYLE LAKE
PROVINCE N.W.T.

CONTRACTOR CASCADE DRLG CO
DATE FEB 20/67
RIG NO. 19
ROTARY ☑ SERVICE ☐

MORNING TOUR 12 P M. TO 8 A M

DRILLER Robert White

OPERATING DATA: SIZE O.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM / TO | RATHOLED FROM / TO | REAMED FROM / TO

SURVEYS: DEPTH | ANGLE

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO	SURVEYS DEPTH	SURVEYS ANGLE
11834							

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

DST #6 WOODWARD 64 HOWCO
10104-10109 ISIP 45 FSI 45
TOOL OPEN 1 RD MINS. GOOD INITIAL
PUFF WEAK 1/2 BLOW DECREASING
TO NIL. REC 1023' GAS CUT MUDDY DIESEL
930' GAS CUT DIESEL 837' SALTY
ACID WATER
IHP 5009 ISIP 4579 IFP 727 FFP 1295
FSIP 4307 FHP 4963 BHT 355°
RAN 2 BT 5000# BOMBS TEST O.K.
RAN 1060' DIESEL CUSHION

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	W.O.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.
1200	1215	SER RIG & B.O.P.'S				
1215	1230	SLIP 20' DRIG LINE				
1230	300	WAIT TO RUN D.S.T #6				
300	630	RUN IN SLOWLY				
630	700	RIG UP HEAD & MANIFOLD				
700	715	INITIAL SHUT				
715	800	OPEN TOOL				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 4A M TO 4 P M

DRILLER Robert Manning

OPERATING DATA: SIZE O.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM / TO | RATHOLED FROM / TO | REAMED FROM / TO

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	W.O.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.
400	1130	Testing				
1130	200	Pull out				
200	300	Lay down Bottom Hole Assembly				
300	400	Rig up Schlumberger				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4:00 M TO 12:00 M

DRILLER E. Wawruck

OPERATING DATA: SIZE O.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM / TO | RATHOLED FROM / TO | REAMED FROM / TO

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

PERFORATED BY SCHLUMBERGER
3⅜" HYPERJET GUN
10024 - 26 3 SHOTS
10032 - 38 "
10054 - 62 "
ALL SHOTS JUGGY — TOTAL 15 SHOTS
SET BAKER MODEL N BRIDGE
PLUG @ 10088' KB (LOGGERS DEPTH)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	W.O.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.
400	415	Service Rig & B. Rams				
415	515	W.O.O.				
515	545	Rig up Schlumberger				
545	730	Run Gage Ring & Junk Basket				
730		Run in & Set Wire Geoline Bridge Plug (Baker)				
900		Rig Up Testing				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

D\W FOOTAGE THIS 24 HRS. _____

SIGNED _____ Co. R.

DATE _____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-214-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 139
FIELD WILDCAT
LEASE FEE NFD
WELL NO. J-72
LOCATION BOUNDARY
PROVINCE N.W.T.

CONTRACTOR CASCADE DATE 2/19/67
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR ____ M. TO ____ M DRILLER Robert White

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.
12⁰⁰	12¹⁵	Rig Serv				
12¹⁵	2³⁰	Finish out & lay down Packer				
2³⁰	8⁰⁰	Dismantle Hydril to change Rubber				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR ____ M. TO ____ M DRILLER Robert Mannion

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Hydril Changed Rubber Put in Hole

RIG TIME DATA THIS TOUR FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.
8⁰⁰	2⁰⁰	Change Hydril with Lib of Cas				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 2⁰⁰ M TO 12⁰⁰ M DRILLER D. Brackett

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.
4⁰⁰	6⁰⁰	Finish picking up				
6⁰⁰	6⁴⁵	Grade up Packer				
6⁴⁵	7⁴⁵	Pick up 3 STDS TBG Fill 4 STDS w/ Diesel Cushion				
7⁴⁵	12⁰⁰	Wait to run DST #5				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. ____ TOTAL DRLG TIME THIS 24 HRS. ____ TOTAL DAY WORK THIS 24 HRS. ____
HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ SIGNED D. Brackett Co R.
D\W FOOTAGE THIS 24 HRS. ____ DATE ____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 138
FIELD WILDCAT
LEASE TEXACO
WELL NO. J-72
LOCATION BOUIE LAKE
PROVINCE N.W.T.

CONTRACTOR CASCADE DRLG CO DATE FEB 18/67

RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 P M. TO 8 A M — DRILLER Robert Wilson

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO | SIZE | TYPE | FTAGE | HRS. RUN

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM 403' TO | RATHOLED FROM TO | REAMED FROM TO

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
1700	1215	SER RIG
1215		Rck up 2 JTS T&C. & make up Hook wall
	230	Packer above
230	715	Run w/ 24 stds T&C & 83 stds D.P. S.I.H. tst — 1000 psi
715	800	Circ. slowly
		NOTE: Closed Hydril before circ & O.K.

DAY WORK RATES: W.O.P. HRS. MIN. | W.O.D.P. HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR — M TO — M — DRILLER Robert Manning

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.
20 BBLS DIESEL

HOLE DATA: DRILLED FROM 403' TO | RATHOLED FROM TO | REAMED FROM TO

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Used 16 BBLS Diesel Fuel
Pipe & Hydril tools pressured to 1000 psi
Assisted by Nanco on all BOP
test & Hydril. Installed Retrievable
Bridge Plug @ 3810 ft.
Prepared to Acidize Hole in
formation @ 3800 ft. Stand-by
Pressure test is held 1850 psi
Displaced w/ 65 BBL Mud
under displaced by 7 BBL

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8	9:30	Circulate Slowly
9:30	12	Rig up Halliburton
12	1	Acidize

DAY WORK RATES: W.O.P. HRS. MIN. | W.O.D.P. HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4:00 P M. TO 12 Mn — DRILLER Robert Chuck

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM TO | RATHOLED FROM TO | REAMED FROM TO

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Perfs circulated 10 BBLS
Diesel & 2 BBLS acid. Dis. to
Perfs w/ displacement
Bottom of T&C @ 10113

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4:00		Bleed off annulus & unset Packer. Mud flowing back thru annulus
		Circ. Diesel & Acid to Surface
		Hook up to Halliburton
		Pressure test — 2 bbls
	1:00	Test Out Halliburton
1:00		Trip out — China Lake
1:00	1:20	15 stds.

DAY WORK RATES: W.O.P. HRS. MIN. | W.O.D.P. HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED _____ Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE _____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS, FARRINGTON, LTD.

FORM PD-212-A (TEC) 5-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 137
FIELD WILDCAT
LEASE TEXACO
WELL NO. F-72
LOCATION BIG LAKE
PROVINCE N.W.T.

CONTRACTOR CASCADE DRLG CO DATE FEB 17/67

RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 P M. TO 8 A M DRILLER Robert Mullins

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN	MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.		PUMP SPM															
NO. D.C.		PUMP PRESS															
PUMP STROKE		ROTARY RPM															
LINER SIZE		WT. ON BIT															

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

RIG TIME DATA THIS TOUR FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	MIN.	W.O.O.P HRS.	MIN.
1200	800	WAIT ON ORDERS				

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A M. TO 4 PM DRILLER Robert Mullins

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN	MUD TEST DATA TIME	WT	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.		PUMP SPM															
NO. D.C.		PUMP PRESS															
PUMP STROKE		ROTARY RPM															
LINER SIZE		WT. ON BIT															

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE
1039	TD						

RIG TIME DATA THIS TOUR FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	MIN.	W.O.O.P HRS.	MIN.
8	4	WAIT ON ORDERS				

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4:00 P M. TO 12:00 M DRILLER R. Kreuchen

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN	MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.		PUMP SPM															
NO. D.C.		PUMP PRESS															
PUMP STROKE		ROTARY RPM															
LINER SIZE		WT. ON BIT															

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

RIG TIME DATA THIS TOUR FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	MIN.	W.O.O.P HRS.	MIN.
4:00 P		WAIT ON ORDERS				
11:30 PM		Pick up Packer Out of Derrick & Lay down String				

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED _____ Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE _____

IS YOUR REPORT COMPLETE?

CONTINUE ON REVERSE SIDE

FORM PC-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 136
FIELD WILDCAT
LEASE TEXACO
WELL NO. J-72
LOCATION BUFFALO LAKE
PROVINCE N. W. T.

CONTRACTOR CASCADE DRLG CO DATE FEB 16/67

RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 P M. TO 8 A M DRILLER Robert White

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
11034					

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
1200	1230	SER RIG & B.OPS
1230	330	UNLOAD & PICK UP D.S.T TOOL.
330	800	RUN IN W/ D.S.T. TO 8,785' SLIM EVERY THING. FILL 3500' DIESEL CUSHION.

DAY WORK RATES

	W.O.P HRS.	W.O.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR ____ M TO ____ M DRILLER Robert Manning

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA

TIME	WT	VIS	W.L.	P.H.	MATERIAL	LBS.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
1	2	Finish Running 2nd Recorder
2	5	Pull out Test Tools
5	7	Pull out Test Tools
7	8	Pull out

DAY WORK RATES

	W.O.P HRS.	W.O.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 800 M TO 1200 M DRILLER D. Crawford

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Ran 2 BT 2000# Recorders. Test O.K.

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
800		Finish Hoisting DST #2 - 40 bbls Fluid
800		Used D.S. Plugs
800	815	Break down & Stand back packer
815	1200	W.O.O.

DAY WORK RATES

	W.O.P HRS.	W.O.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. ____ TOTAL DRLG TIME THIS 24 HRS. ____ TOTAL DAY WORK THIS 24 HRS. ____

HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ SIGNED D. Baute Co. R.

D/W FOOTAGE THIS 24 HRS. ____ DATE ____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 135
FIELD WILDCAT
LEASE TEX-NEA
WELL NO. J-72
LOCATION BOULE LAKE
PROVINCE NWT

CONTRACTOR CASCADE
DATE 2/15/67
RIG NO. 19
ROTARY ☑ SERVICE ☐

MORNING TOUR 12P M. TO 8 A.M

DRILLER Robert White

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

MUD TEST DATA: TIME | WT | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | TO | RATHOLED FROM | TO | REAMED FROM | TO

SURVEYS: DEPTH | ANGLE

HOLE DATA						SURVEYS	
DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	DEPTH	ANGLE
11,034							

RIG TIME DATA THIS TOUR

DAY WORK RATES: W.O.P HRS. | MIN. | W.O.O.P HRS. | MIN.

FROM	TO	DESCRIPTION OF OPERATION
12PM	1:30	LOGGING BY SCHLUMBERGER
1:30	2:00	RIG UP LUB. FT FOR PERFORATING
2:00	4:30	PERFORATING
4:30	5:00	LAY DOWN PERF. TOOLS
5:30	8:00	WAIT ON D.S. TESTERS

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

PERFORATED BY SCHLUMBERGER
10104' - 10109' 1 SHOT/FT TOTAL
6 SHOTS
3 3/8 HYPERJET GUN

ALL SHOTS AWAY

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8A M TO 4P M

DRILLER Robert Tilleman

HOLE DATA						SURVEYS	
DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	DEPTH	ANGLE
11,034	TD						

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8	4	std. for D.S. Testers.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4:00 P M TO 12:00 M.

DRILLER Dziewchuk

HOLE DATA						SURVEYS	
DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	DEPTH	ANGLE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4:00	12:00	wait on testers wait for pick up Halliburton Tools Layed down 93/4" Drill Collars.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED Q Bault Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE _____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 2-65

REPORT NUMBER 134

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

FIELD —

LEASE TEXACO

WELL NO 4-72

LOCATION Bonnie Lake

PROVINCE A.W.T.

CONTRACTOR Cascade DRLG DATE 2/14/67

RIG NO. 19 ROTARY ☑ SERVICE ☐

DRILLER Robert White

MORNING TOUR 12 M. TO 8 A M

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM		52	3 7/8	mill		
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

DAY WORK RATES W.O.P. HRS. MIN. | W.O.D.P. HRS. MIN.

FROM	TO	DESCRIPTION OF OPERATION
12.	17	Sir R.C.
		Run in WIM-ill Bit
	53	& Tbg + DP Stm DP
53	7 15	Pick up Fishing Work
		into 5" Liner Bit 3 7/8
7 15	&	Running into Bottom

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A M TO 4 P M

DRILLER Robert Manning

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM		52	3 7/8	mill		
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

DAY WORK RATES W.O.P. HRS. MIN. | W.O.D.P. HRS. MIN.

FROM	TO	DESCRIPTION OF OPERATION
8	9	Trip Fishing Tool
9	10	Circulate
10	10	Pull out
10	4	Rig up Schlumberger

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4:00 P M TO 12:00 MN

DRILLER Schuckle

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM		Nil				
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
W.O.T.					

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

DAY WORK RATES W.O.P. HRS. MIN. | W.O.D.P. HRS. MIN.

FROM	TO	DESCRIPTION OF OPERATION
4:00	4:45	Service Rig + Pole.
4:45	5:00	W.O. Schlumberger.
5:00	5:30	Rig up to Log.
5:30	12:00	Logging.

E-RN

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. ____ TOTAL DRLG TIME THIS 24 HRS. ____ TOTAL DAY WORK THIS 24 HRS. ____

HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ SIGNED ____ Co. R.

D\W FOOTAGE THIS 24 HRS. ____ DATE ____

IS YOUR REPORT COMPLETE?

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 133
FIELD WILDCAT
LEASE TEXACO
WELL No. J-72
LOCATION BOULE LAKE
PROVINCE N.W.T.

CONTRACTOR CASCADE
RIG NO. 19
DATE 2/13/67
ROTARY ☑ SERVICE ☐

MORNING TOUR 12 M. TO 8:00 M

DRILLER Robert Wirth.

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | TO | RATHOLED FROM | TO | REAMED FROM | TO

SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.P. HRS. | MIN. | W.O.O.P. HRS. | MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Ran 15 Jts 5" 18# N80 RGE 1 HYDRIL F.J.A 511 Jts 10116.42' 5" 18# N80 RGE 8rd X.L. Liner hanger @ [redacted] 8886.63' RK SHOE @ 11034' RKB FLOAT @ 11033' RKB CEMENTED w/ 300 SKS 'A' Poz mix w/ 2% of HR-12 & 1 QUART DF-1 added Plug on Bottom @ 4:45 AM w/ 3000 PSI Held to set

FROM	TO	DESCRIPTION OF OPERATION
12:00	1:00	Run in to Btm.
1:00	3:00	Circ Hole
3:00	3:30	Rig up Circ Head (Pick up 2 Singles)
3:30	4:00	Cementing
4:00	4:45	Pump Plug Down.
4:45	5:30	Reverse Circ 7 bbls after Back off From liner.
5:30	6:15	Lay Down Head & Tool out Hands.
6:15	8:00	Pull out.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 4A M TO 4P M

DRILLER Robert Manning

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | TO | RATHOLED FROM | TO | REAMED FROM | TO

SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.P. HRS. | MIN. | W.O.O.P. HRS. | MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Ran Gauge (Ring) Set Packer (Retrieving) Tool Work Rod 105 Jts (3245') x Line @ 6030 - 9260 KB Flushed w/ 47 BBL mud.

FROM	TO	DESCRIPTION OF OPERATION
8	9	Rig Up
9	10	Pull out
10	12	Wait on Schl. Delay
12	2	Rig up Schl.
2	3	Run and Set Packer @ 9250 Ft.
3	3:30	Reverse Tubing
3:30		Pick up to Run Tubing

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4:00 P M TO 12:00 M

DRILLER Stanchuk

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | TO | RATHOLED FROM | TO | REAMED FROM | TO

SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.P. HRS. | MIN. | W.O.O.P. HRS. | MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Picked up 72 Jts - 2256' of 2⅞" Tubing

FROM	TO	DESCRIPTION OF OPERATION
8	4:15	Schlumberger Rig
4:15		Run in with Gauges Stop - Rabbing out Pull and Lay Down in Derrick
7:30		W.O.O.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED _____ Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE _____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 132
FIELD WILDCAT
LEASE TEXACO
WELL NO. F-72
LOCATION BOUIE LAKE
PROVINCE N.W.T.

CONTRACTOR CASCADE DRLG CO DATE FEB 12/67

RIG NO. 14 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 00 P.M. TO 8 00 A.M. DRILLER Robert White

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	F'TAGE	HRS. RUN
SIZE D.C.	4 3/4	PUMP SPM		5	6 1/8	GWC		
NO. D.C.	21	PUMP PRESS	2800					
PUMP STROKE	18	ROTARY RPM						
LINER SIZE	4 3/4	WT. ON BIT						

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE
11034							

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
					GEL-TONE	200		

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.P. HRS.	W.O.P. MIN.
1200	1230	SER RIG (FISH 4 RUBBERS FROM B.O.P'S				
1230	100	SLIP DRLG LINE				
100	630	RUN IN W/ BIT - CUT ALL D.P. RUBBERS OFF				
630	800	CIRC & CONDITION MUD. NOTE: 2 1/2 5" CASING CENTRALIZERS LEFT IN HOLE.				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A M TO 4 P M DRILLER Robert Downing

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	F'TAGE	HRS. RUN
SIZE D.C.	4 3/4	PUMP SPM		5	6 1/8	GWC		
NO. D.C.	21	PUMP PRESS	2800					
PUMP STROKE	18	ROTARY RPM						
LINER SIZE	4 3/4	WT. ON BIT						

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE
11034							

MUD TEST DATA TIME	WT	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
11 AM	55				THERMUL	300		
					DURATONE	150		
					GEL-TONE	600		
					DIESEL	15 BBL		

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.P. HRS.	W.O.P. MIN.
8	130	CIRC & CONDITION MUD				
130	3	TRIP OUT F. RUBBERS				
3	345	LUNCH				
345	4	RIG UP TO RUN CASING				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M TO 12 P M DRILLER Dispatcher

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	F'TAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.P. HRS.	W.O.P. MIN.
4	8	RUN CASING				
8	12	MEASURE DP RUN IN				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED _____ Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE _____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 138
FIELD WILDCAT
LEASE TEXACO NFA
WELL NO. J-72
LOCATION BOWIE LAKE
PROVINCE NWT

CONTRACTOR CASCADE DRLG. DATE 2/14/67
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 1200 M. TO 800 AM DRILLER Robert White

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM / TO | RATHOLED FROM / TO | REAMED FROM / TO

SURVEYS: DEPTH | ANGLE

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO	SURVEYS DEPTH	SURVEYS ANGLE
11034							

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

DAY WORK RATES: W.O.F HRS. | W.O.F MIN. | W.O.P HRS. | W.O.P MIN.

FROM	TO	DESCRIPTION OF OPERATION
1200	1230	FINISH TRIP OUT
1230	130	RIG UP TO RUN 5" LINER
130	800	RUNNING LINER. USING SAFETY CLAMP 60 ALL JTS - TOTAL 66 JTS

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 M TO 4 M DRILLER Robert Manning

FROM	TO	DESCRIPTION OF OPERATION
800	830	SER RIG
830	945	FINISH RUNNING LINER
945	1015	CIRC AND WAIT ON CMTR
1015	1145	CMT W/ 400 SX CLASS G + 1% CFR-2 + 0.5% HALAD 9
1145	1230	PICK UP KELLY & CIRC
1230	130	POH W/ DP SET M. PACKER
130	245	CIRC & TRY TO REVERSE
245	345	PACKER
345	600	P.U. D.C. OUT

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M TO 12 P M DRILLER D Manning

FROM	TO	DESCRIPTION OF OPERATION
600	630	WAIT ON ORDERS
630	630	LAY DOWN PACKER
630	1100	LAY DOWN LINER
1100	1700	FISH PART OF BENTONITE PACKER + D.C. BOOKER OUT OF B.O.P.'S

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED D Barr Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE 2/15/67

IS YOUR REPORT COMPLETE?

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 130
FIELD W/C
LEASE TEXACO NFA
WELL No. J-72
LOCATION BOUIE LAKE
PROVINCE N.W.T.

CONTRACTOR Cascade Drilling DATE FEB 10/67

RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12:00 M.M. TO 8:00 A M DRILLER D. Shewchuk

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	4¾	PUMP SPM	48	5	6 1/8	OWC		
NO. D.C.	21	PUMP PRESS	1600					
PUMP STROKE	18"	ROTARY RPM						
LINER SIZE	4¾	WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.
12:00	10	43		
7	10.1	46		
11	10	43		
6	10.1	44		

MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
Geltone	450		

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE
11,034							

RIG TIME DATA THIS TOUR FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	MIN.	W.L.S.P HRS.	MIN.
12:00	8:00	Circulate - Condition mud - W.O.O.				

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A M TO 4 P M DRILLER Robert Rutto

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	4¾	PUMP SPM	48	5	6 1/8	OWC		
NO. D.C.	21	PUMP PRESS	1600					
PUMP STROKE	18	ROTARY RPM						
LINER SIZE	4¾	WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.
8:00	10	46		
10:00	10	45		
12:00	10	45		
2:00	10	45		

MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE
11,034							

RIG TIME DATA THIS TOUR FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	MIN.	W.L.S.P HRS.	MIN.
8:00	8:30	SER Rig + B.O.P.S				
8:30	1:00	Pull 5" DP + Lay down DWC DRL + 4¾" DC				
1:00	4:00	Circ				

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR M. TO M. DRILLER Robert Manning

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	4¾	PUMP SPM	48	5	6 1/8	OWC	0	0
NO. D.C.	21	PUMP PRESS	1600					
PUMP STROKE	18	ROTARY RPM						
LINER SIZE	4¾	WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.
4	10	45		
5	10	45		
7	10	45		
10				

MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE
11,034							

RIG TIME DATA THIS TOUR FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	MIN.	W.L.S.P HRS.	MIN.
4	9	Circulate + W.O.O.				
9	12	Pull out				

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

NEW FOOTAGE THIS 24 HRS. _____

SIGNED D. Bath Co. R.

Bill Gibb

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 129
FIELD W/C
LEASE TEXACO-NEA
WELL NO. J-72
LOCATION BOUNDARY
PROVINCE ALBERTA

CONTRACTOR Cascade Drlg DATE FEB 9/67
RIG NO. 5 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 M. TO 8 M

DRILLER Drillers

OPERATING DATA				BIT DATA					MUD TEST DATA					MUD ADDED THIS TOUR			
				NO.	SIZE	TYPE	F TAGE	HRS. RUN	TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.	8"	PUMP SPM	56	56	6 1/8	OWC											
NO. D.C.	21	PUMP PRESS	1600														
PUMP STROKE	13	ROTARY RPM	—														
LINER SIZE	4 3/4	WT. ON BIT	—						8	10.2	56			NIL			

HOLE DATA						SURVEYS	
DRILLED		RATHOLED		REAMED		DEPTH	ANGLE
FROM	TO	FROM	TO	FROM	TO		
11034							

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

SLM 11032
TALLY 11034
NO CORRECTION MADE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.
1200	0615	Logging				
0615	0715	Test out & Lay down logging tools.				
0715	0800	Run in w/ Bit.				
800	300	SLM				
300		Circ @ 3100' Mud				
		Pre Running over Pipe				
800	600	Run in by 9500'				
600		Circ Mud Running				
	630	over Pipe —				
630		Finish Running in				
		Circ — To Cond Mud				
		TOTAL DAY WORK TIME CHARGEABLE TO TEXACO				

DAYLIGHT TOUR 8 A M TO 4 P M

DRILLER Robert Wilson

OPERATING DATA				BIT DATA					MUD TEST DATA					MUD ADDED THIS TOUR			
				NO.	SIZE	TYPE	F TAGE	HRS. RUN	TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.	9 3/4	PUMP SPM	58	51	6 1/8	OWC			8:00	10.2	60						
NO. D.C.	21	PUMP PRESS	1500						10:00	10.1	50						
PUMP STROKE	13	ROTARY RPM							12:00	10.1	52			DIESEL	10 BBLS		
LINER SIZE	4 3/4	WT. ON BIT															

HOLE DATA						SURVEYS	
DRILLED		RATHOLED		REAMED		DEPTH	ANGLE
FROM	TO	FROM	TO	FROM	TO		
11034							

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.
8:00	8:30	Sft Circ & Hydril				
8:30	12:00	Circ & Cond Mud				
12:00	4:00	Trip out				
		TOTAL DAY WORK TIME CHARGEABLE TO TEXACO				

EVENING TOUR 4 P M TO 12 M

DRILLER Robert Manning

OPERATING DATA				BIT DATA					MUD TEST DATA					MUD ADDED THIS TOUR			
				NO.	SIZE	TYPE	F TAGE	HRS. RUN	TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.	9 3/4	PUMP SPM	58	51	6 1/8	OWC											
NO. D.C.	21	PUMP PRESS	1500														
PUMP STROKE	13	ROTARY RPM															
LINER SIZE	4 3/4	WT. ON BIT															

HOLE DATA						SURVEYS	
DRILLED		RATHOLED		REAMED		DEPTH	ANGLE
FROM	TO	FROM	TO	FROM	TO		

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.
4	5:30	Fin SH out				
5:30	6	Ser Rig				
6	12	Run in				
6	12	Circ Cond. short Mud				
		TOTAL DAY WORK TIME CHARGEABLE TO TEXACO				

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED _____ Co. R.

DATE 2/66

IS YOUR REPORT COMPLETE?

FORM PD-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 128
FIELD W/C
LEASE TEXACO NEA.
WELL NO. F-72
LOCATION BOVE LAKE
PROVINCE NWT

CONTRACTOR Cascade Drilling DATE FEB 8, 67
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 1200 M. TO 8 am M DRILLER Denischuk

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | TO | RATHOLED FROM | TO | REAMED FROM | TO

SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.P HRS. | MIN. | W.O.D.P HRS. | MIN.

11034

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Logged by Schlumberger.
First attempt unable to get below 2800' KB, made a clean out trip to remove drillpipe rubbers in hole. Second attempt unable to get below 1200', pulled out, & removed centralizer. FTD logger 11034'.
Ran: Dual Induction 5" FTD - 9050
BHCSGR-C 2"&5" FTD - 9050
FDL 2"&5" FTD - 9050.
Max BHT - 344°F

FROM	TO	DESCRIPTION OF OPERATION
0	800	Logging

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A.M. TO 4 P M DRILLER Robert Gullion

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

MUD TEST DATA: TIME | WT | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | TO | RATHOLED FROM | TO | REAMED FROM | TO

SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.P HRS. | MIN. | W.O.D.P HRS. | MIN.

11034

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

FROM	TO	DESCRIPTION OF OPERATION
800		Logging by Schlumberger Formation Density
300		Velocity Survey

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M TO 12 M DRILLER Robert Manning

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | TO | RATHOLED FROM | TO | REAMED FROM | TO

SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.P HRS. | MIN. | W.O.D.P HRS. | MIN.

11034

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

FROM	TO	DESCRIPTION OF OPERATION
4	12	Laterolog Velocity Survey

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED _____ Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE _____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 127
FIELD W/C
LEASE TEXACO NPA
WELL NO. J-72
LOCATION BOYLE LK
PROVINCE NWT

CONTRACTOR Cascade Drilling DATE FEB 7/67
RIG NO. 19 ROTARY ☐ SERVICE ☐

MORNING TOUR 12:30 AM. TO 8:00 AM DRILLER L. Meawchuk

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	4½	PUMP SPM	—	50	6 1/8	A	20	22½
NO. D.C.	20	PUMP PRESS	—					
PUMP STROKE	18	ROTARY RPM	—	51	6 1/8	OWC	New	
LINER SIZE	6½	WT. ON BIT	—					

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.
MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM 11034 TO — | RATHOLED FROM — TO — | REAMED FROM — TO —
SURVEYS: DEPTH 11034 | ANGLE 2¼

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Pipe Drag 15-20000 #

Layed down 75 - Reamer - 5 stds.

Picked up BH DC.

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	MIN.	W.O.O.P. HRS.	MIN.
12:30	1:30	Finish Trip Out.				
1:30	4:00	Wait on Loggers				
4:00	5:00	Rig up Schlumberger				
5:00	6:00	Schlumberger Attempt to run tool in hole - tool hanging up in Csg				
6:00	6:30	Lay down tools				
6:30	7:45	Pick up BH DC & Rig in w/ tbg. Mud pumping down Pipe				
7:45	8:00	Pick up Kelly & Break Circ.				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A.M. TO 4 P.M DRILLER Robert Ashton

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	4¾	PUMP SPM	56	51	6 1/8	OWC		
NO. D.C.	21	PUMP PRESS	1960					
PUMP STROKE	18	ROTARY RPM						
LINER SIZE	6½	WT. ON BIT						

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.
MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM 11034 TO — | RATHOLED FROM — TO — | REAMED FROM — TO —
SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	MIN.	W.O.O.P. HRS.	MIN.
8:00	8:45	Circ. Csg. B.O.P.'s				
8:45	9:00	Test Flow Line				
9:00	11:30	Rigged up D.P. Rubber				
11:30	12:00	Trip in Hole				
12:00	3:30	Circ. Hole				
3:30	4:30	Pull out D.P. Rubber Out of Both Pumps				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR ____ M. TO ____ M. DRILLER Robert Manning

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	4¾	PUMP SPM	56	51	6 1/8	OWC		
NO. D.C.	21	PUMP PRESS	1910					
PUMP STROKE	18	ROTARY RPM						
LINER SIZE	6½	WT. ON BIT						

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.
MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
4	83	52			Invermul	6200 #		
12	82	45			Duratone	2250 #		
6	82	45			Gel Lime	300 #	Diesel 35 Bbl.	
					Liquid	80 gal		

HOLE DATA: DRILLED FROM — TO — | RATHOLED FROM — TO — | REAMED FROM — TO —
SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	MIN.	W.O.O.P. HRS.	MIN.
4	8	Circ Caddiswood Mud.				
8	11:30	Pull Out				
11:30	12	Rig up to Log				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. ____ TOTAL DRLG TIME THIS 24 HRS. ____ TOTAL DAY WORK TIME THIS 24 HRS. 24
HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ SIGNED ____ Co. R.
DAY FOOTAGE THIS 24 HRS. ____ DATE ____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PC-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 126
FIELD W/C
LEASE TEXACO NEA.
WELL NO. 572
LOCATION Bouie Lk.
PROVINCE NWT.

CONTRACTOR Cascade Drilling DATE FEB 6/67
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 2000 M. TO 2000 M DRILLER Chrawchuk

OPERATING DATA: SIZE D.C. 4¾ | PUMP SPM 52 | NO. D.C. 20 | PUMP PRESS 3375 | PUMP STROKE 19" | ROTARY RPM 75 | LINER SIZE 6¾ | WT. ON BIT 12

BIT DATA

NO.	SIZE	TYPE	FT AGG	HRS. RUN
50	6¼	D	86	13¾

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
12	10.2	47		
2	"	47		
4	"	47		
6	10.2	46		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Nil			

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
10935	Hoss				

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	W.O.P MIN.	W.O.D.P HRS.	W.O.D.P MIN.
Rig	2	Service Rig Check Bop				
2	6¼	Cone - Circ & work Junk Sub				
6¼	5¾	Drilling -				
5¾	6	Connection work Junk				
6	10	Drlg.				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A M TO 4 P M DRILLER Robert Gillis

OPERATING DATA: SIZE D.C. 4¾ | PUMP SPM 52 | NO. D.C. 20 | PUMP PRESS 3375 | PUMP STROKE 19 | ROTARY RPM 75 | LINER SIZE 6¾ | WT. ON BIT 12M

BIT DATA

NO.	SIZE	TYPE	FT AGG	HRS. RUN
50	6¼	D	116	21¾

MUD TEST DATA

TIME	WT	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Gel Tone	100		
Diesel Fuel			

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
10935	11030				

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	W.O.P MIN.	W.O.D.P HRS.	W.O.D.P MIN.
6	10	DRLG.				
10	11	SER Rig & B.O.P				
11		DRLG.				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M TO 12 M DRILLER Robert Manning

OPERATING DATA: SIZE D.C. 4¾ | PUMP SPM 52 | NO. D.C. 20 | PUMP PRESS 3375 | PUMP STROKE 19 | ROTARY RPM 75 | LINER SIZE 4¾ | WT. ON BIT 12

BIT DATA

NO.	SIZE	TYPE	FT AGG	HRS. RUN
50	6¼	D	120	22¾

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
4:00	10.2	47		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Gypsol	36		
Gypsol	300		
Lime	50		

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
11030	11134				

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

52 Drill Pipe Rubbers

30 BBLS Diesel Fuel.

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	W.O.P MIN.	W.O.D.P HRS.	W.O.D.P MIN.
4	4:30	SER Rig				
4:30	5:30	Drlg				
5:30	6:30	Work Bpr (Pump Psi				
6:30	7	Increased 250 #				
7:30	7	Drop Survey				
7	11:15	Pull out & C/O Bit & Rubbers				
11:15	12:30	Run Trip & Cond Mud.				
11:30	12	Pull out				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED _____ Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE _____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALSO IN A) LTD.

FORM PO-212-A (TEC) 2-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 125
FIELD Wildcat
LEASE Texaco NFP
WELL No. F72
LOCATION Bouvier Lk
PROVINCE NWT

CONTRACTOR Cascade Drlg DATE Feb 5/67

RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR ____ M. TO ____ M DRILLER ____

OPERATING DATA			BIT DATA					MUD TEST DATA					MUD ADDED THIS TOUR			
			NO.	SIZE	TYPE	F'TAGE	HRS. RUN	TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.	4½	PUMP SPM	49	6¼	Q	60.5	20½									
NO. D.C.	10	PUMP PRESS	50	6¼	Q	New							N.L.			
PUMP STROKE	8	ROTARY RPM														
LINER SIZE	6½	WT. ON BIT														

HOLE DATA						SURVEYS	
DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO	DEPTH	ANGLE
10314							

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Note Bumper Sub Washed Out.

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
600	315	Finish Trip Out
315	245	Service Rig & Bab's
245		Lay down Bumper Sub & Instal New
	315	Rollers in Reamer
315	345	Slip Drlg line
345	430	Run in
430	515	Pull out to run Junk Sub.
515	600	Run in, instal new Rubbers on Drill pipe

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

DAYLIGHT TOUR 8 A M TO 4 P M DRILLER Gary Gurko

OPERATING DATA			BIT DATA					MUD TEST DATA					MUD ADDED THIS TOUR			
			NO.	SIZE	TYPE	F'TAGE	HRS. RUN	TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.	4½	PUMP SPM	50	6¼	Q											
NO. D.C.	10	PUMP PRESS	(RR	3720	)											
PUMP STROKE	8	ROTARY RPM														
LINER SIZE	6½	WT. ON BIT														

HOLE DATA						SURVEYS	
DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO	DEPTH	ANGLE
10314							

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
800	915	Ser Rig & BOPs
915	1130	Run in Packer Bushing
1130		Run D.P.
1130	200	Run in Jet Sub & Scr. Test Line & to 3000
		to 10340
200	300	Run in to 10360'
300	400	Ream to 10390' Circ Clean
		Put 18 Rubbers on D.P. & Trip out

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

EVENING TOUR 4 P M TO 12 M DRILLER Robert McLennan

OPERATING DATA			BIT DATA					MUD TEST DATA					MUD ADDED THIS TOUR			
			NO.	SIZE	TYPE	F'TAGE	HRS. RUN	TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.	4½	PUMP SPM	50	6¼	S	11	6½									
NO. D.C.	10	PUMP PRESS	2250													
PUMP STROKE	8	ROTARY RPM	75													
LINER SIZE	6½	WT. ON BIT	15M													

HOLE DATA						SURVEYS	
DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO	DEPTH	ANGLE
10314	10453						

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4	415	Ser Rig & BOPs
415	445	Ream To Bottom
445	5	Work Junk Sub
5	7	Drlg with Bit
7	715	Connection
715	12	Drlg with Bit

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

TOTAL FOOTAGE THIS 24 HRS. ____ TOTAL DRLG TIME THIS 24 HRS. ____ TOTAL DAY WORK THIS 24 HRS. ____

HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ SIGNED ____ CO. R.

D\W FOOTAGE THIS 24 HRS. ____ DATE ____

IS YOUR REPORT COMPLETE?

CONDITIONS PRINTED ON REVERSE SIDE

FORM PD-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 124
FIELD W/C
LEASE ~~TEXACO NFA~~
WELL NO. ~~5-72~~
LOCATION BOUVIE LAKE
PROVINCE N.W.T.

CONTRACTOR Cascade Drilling DATE FEB. 4, 1967
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12:00 A.M. TO 8:00 A.M. DRILLER Drinnichuk

OPERATING DATA: SIZE D.C. 4 3/4 | PUMP SPM 52 | NO. D.C. 20 | PUMP PRESS 2000 | PUMP STROKE 18" | ROTARY RPM 75 | LINER SIZE 4 3/4 | WT. ON BIT 12

BIT DATA

NO.	SIZE	TYPE	F.TAGE	HRS.RUN
49	6 1/4	O	563	18 1/4

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
2:00	10.1	48		
2	10.0	46		
4	10.0	46		
6	10.0	45		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
W.L.			

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
6851	10,870				

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12:00	5:00	DRILLING
5:00	5:30	Service Rig & Bop
5:30	8:00	Drilling.

DAY WORK RATES: W.O.P. HRS. MIN. | W.O.O.P. HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A.M. TO 4 P.M. DRILLER Robert Rybitz

OPERATING DATA: SIZE D.C. 4 3/4 | PUMP SPM 52 | NO. D.C. 20 | PUMP PRESS 2000 | PUMP STROKE 18 | ROTARY RPM 75 | LINER SIZE 4 3/4 | WT. ON BIT 12

BIT DATA

NO.	SIZE	TYPE	F.TAGE	HRS.RUN
49	6 1/4	O	585	9 3/4

MUD TEST DATA

TIME	WT	VIS	W.L.	P.H.
10 A.M.	10.	45		
12 P.M.	10.	44		
2 P.M.	10.1	45		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
6851	10,870				

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8:00	2:45	DRLG
2:45	3:15	Ser Rig + BOPs
3:15	4:00	DRLG
4		
4		
4	12	POH

DAY WORK RATES: W.O.P. HRS. MIN. | W.O.O.P. HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P.M. TO 12 M. DRILLER Robert Manning

OPERATING DATA: SIZE D.C. 4 3/4 | PUMP SPM 52 | NO. D.C. 20 | PUMP PRESS 2100 | PUMP STROKE 18 | ROTARY RPM 75 | LINER SIZE 4 3/4 | WT. ON BIT 12

BIT DATA

NO.	SIZE	TYPE	F.TAGE	HRS.RUN
49	6 1/4	O	601	20 1

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
4:00	10.1	44		
6:00	10.1	44		
8:00	10.1	45		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4	4:15	Work on Pump
4:15	10:30	DRLG
10:30	12	Pull out

DAY WORK RATES: W.O.P. HRS. MIN. | W.O.O.P. HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. 16

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED _____ Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE 4/2

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 123
FIELD W/C
LEASE TEXACO NEA
WELL NO. J72
LOCATION BOUIE LAKE
PROVINCE NWT.

CONTRACTOR Cascade Drilling DATE Feb 3, 1967
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12:00 M. TO 8:00 A M DRILLER Onischuk

OPERATING DATA

SIZE D.C.	4 3/4	PUMP SPM	52
NO. D.C.	20	PUMP PRESS	2000
PUMP STROKE	18"	ROTARY RPM	75
LINER SIZE	4 3/4	WT. ON BIT	12

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
49	6 1/16	J	492	16 3/4

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
12	10.1	47		
2	10.1	47		
4	10.1	46		
6	10.1			

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
N.L			

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
10713	10805				

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	W.O.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.
1200	600	Drilling				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A. M TO 4 P.M DRILLER Robert Aubichon

OPERATING DATA

SIZE D.C.	4 3/4	PUMP SPM	52
NO. D.C.	20	PUMP PRESS	2000
PUMP STROKE	18	ROTARY RPM	75
LINER SIZE	4 3/4	WT. ON BIT	12

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
49	6 1/16	J	516	17 3/4

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
60	10.1	45		
150	10.1	45		
200	10.1	48		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
INVERMUL	500	BUILDING	
DURATONE	250	Volumes on	
GEL TONE	200	Tanks.	
DIESEL	30 BBL.		

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
10805	10829				

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	W.O.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.
8:00	4:30	Set Rig + B.O.P's				
4:30	8:00	Drlg				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M TO 12 M DRILLER Robert Manning

OPERATING DATA

SIZE D.C.	4 3/4	PUMP SPM	52
NO. D.C.	20	PUMP PRESS	2000
PUMP STROKE	18	ROTARY RPM	75
LINER SIZE	4 3/4	WT. ON BIT	12M

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
49	6 1/16	J	538	17 3/4

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
40	10.	45		
6	10	45		
8	10	45		
10	10	45		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
10829	10854				

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	W.O.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.
4	6:45	Drlg				
6:45	6:45	Set Rig + BOPS				
6:45	12	Drlg				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED _____ Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE 6 P.D.

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (CALGARY) LTD.

FORM PD-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 122
FIELD W/C
LEASE TEXACO NEA
WELL NO. J-72
LOCATION Bouvie Lk.
PROVINCE N.W.T.

CONTRACTOR Cascade Drilling DATE Feb 2/67
RIG NO. 19 ROTARY ☒ SERVICE ☐

MORNING TOUR 12:00 M. TO 8:00 A M

DRILLER A. Shumchuk

OPERATING DATA				BIT DATA					
				NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	4¾	PUMP SPM	52	4	6 1/16	O	430	14½
NO. D.C.	20	PUMP PRESS	2000					
PUMP STROKE	18	ROTARY RPM	75					
LINER SIZE	4¾	WT. ON BIT	12					

MUD TEST DATA						MUD ADDED THIS TOUR			
TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
	10.2	48			Nil			
	10.2	47						
	10.2	47						
	10.2	47						

HOLE DATA						SURVEYS	
DRILLED		RATHOLED		REAMED		DEPTH	ANGLE
FROM	TO	FROM	TO	FROM	TO		
6723	6785						

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.F HRS.	W.O.F MIN.	W.O.O.P HRS.	W.O.O.P MIN.
12:00	7:30	Drilling				
7:30	8:00	Service Rig Connection				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A M TO 4 P M

DRILLER Robert Audito.

OPERATING DATA				BIT DATA					
				NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	4¾	PUMP SPM	52	4	6 1/16	O	450	14¾
NO. D.C.	20	PUMP PRESS	2000					
PUMP STROKE	18	ROTARY RPM	75					
LINER SIZE	4¾	WT. ON BIT	12					

MUD TEST DATA					MUD ADDED THIS TOUR			
TIME	WT	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
8:00	10.2	44			INVERMUL	500	Barite	
4:00	10.2	44			DURATONE	150	Volume	
					DEFLOC	200	Id Tank	
					DIESEL	30	BBL	

HOLE DATA						SURVEYS	
DRILLED		RATHOLED		REAMED		DEPTH	ANGLE
FROM	TO	FROM	TO	FROM	TO		
6723	6785						

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.F HRS.	W.O.F MIN.	W.O.O.P HRS.	W.O.O.P MIN.
8:00	9:30	Drlg				
9:30	10:00	Short tr Pumps				
10:00	4:00	Drlg				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M TO 12 M

DRILLER Robert Manning

OPERATING DATA				BIT DATA					
				NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	4¾	PUMP SPM	52	4	6 1/16	O	780	15¾
NO. D.C.	20	PUMP PRESS	2000					
PUMP STROKE	18	ROTARY RPM	75					
LINER SIZE	4¾	WT. ON BIT	12					

MUD TEST DATA					MUD ADDED THIS TOUR			
TIME	WT	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
4	10.1	45						
6	10.1	45						
9	10.1	45						
10	10.1	45						

HOLE DATA						SURVEYS	
DRILLED		RATHOLED		REAMED		DEPTH	ANGLE
FROM	TO	FROM	TO	FROM	TO		
10463	11183						

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.F HRS.	W.O.F MIN.	W.O.O.P HRS.	W.O.O.P MIN.
4	8	Drlg				
8	8:30	Ser Rig & Connection				
8:30	12	Drlg				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

D\W FOOTAGE THIS 24 HRS. _____

SIGNED _____ Co. R.

DATE _____

IS YOUR REPORT COMPLETE?

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 121
FIELD wfc
LEASE TEXACO NFA
WELL NO. F-72
LOCATION Bouie Lk
PROVINCE N.W.T.

CONTRACTOR Cascade Drilling DATE FEB 1, 1967
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12:00 M. TO 8:00 A.M.

DRILLER Obriawchuk

OPERATING DATA: SIZE D.C. 4¾ | PUMP SPM 52 | NO. D.C. 20 | PUMP PRESS 2000 | PUMP STROKE 18" | ROTARY RPM 75 | LINER SIZE 4½" | WT. ON BIT 12

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
49	6¼	O	372	11¾

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
6	10.1	46		
A-to 2	48			
to 2	47			

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
W+L			

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
10165	10650				

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS	W.O.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.
12:00	2:00	Drilling				
2:00		Sezit welded x Rapter wash out in Mud Hose				
4:00	8:00	Drilling				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A.M. TO 4 P.M.

DRILLER Robert Webb

OPERATING DATA: SIZE D.C. 4¾ | PUMP SPM 52 | NO. D.C. 20 | PUMP PRESS 2000 | PUMP STROKE 18 | ROTARY RPM 75 | LINER SIZE 4½ | WT. ON BIT 12M

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
49	6¼	O	392	12½

MUD TEST DATA

TIME	WT	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
GELTONE	200		

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
10650	10700				

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS	W.O.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.
4:00	9:15	Drilling				
9:15	9:45	Drill 12' Kelly over				
9:45	4:00	Drill				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P.M. TO 12 M.

DRILLER Hal Manning

OPERATING DATA: SIZE D.C. 4¾ | PUMP SPM 52 | NO. D.C. 20 | PUMP PRESS 2000 | PUMP STROKE 18 | ROTARY RPM 75 | LINER SIZE 4½ | WT. ON BIT 12M

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
49	6¼	O	410	13¾

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
4	10.1	51		
6	10.1	51		
9	10.1	51		
10	10.1	51		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
10700	10725				

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS	W.O.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.
4:00	2:15	Drlg				
2:15	9:15	Ser Rig & Bops				
9:15	12	Drlg				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

D\W FOOTAGE THIS 24 HRS. _____

SIGNED: R Bart Co. R.
DATED: _____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 120
FIELD W/C
LEASE TEXACO NFA
WELL No. J-72
LOCATION Bowe Lake
PROVINCE N.W.T.

CONTRACTOR Cascade Drilling DATE Jan 31/67
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 00 M. TO 7 00 AM DRILLER Wisniewski

OPERATING DATA

SIZE D.C. 4 3/4	PUMP SPM 52		
NO. D.C. 20	PUMP PRESS 3000		
PUMP STROKE 18"	ROTARY RPM 75		
LINER SIZE 4 3/4	WT. ON BIT 12M		

BIT DATA

NO.	SIZE	TYPE	F.TAGE	HRS.RUN
49	6 1/4	Chief Q	217	9 3/4

MUD TEST DATA

TIME	WT	VIS	W.L.	P.H.
12 00	10.1	45		
2	10.1	43		
4	10.1	43		
6	10.1	45		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Geltone	200#		

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
10,605	10,625				

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12 00	6 15	Drilling
6 15	6 45	Connection) Service Rig
6 45	7 00	Drilling

DAY WORK RATES W.O.P | W.O.O.P

HRS.	MIN.	HRS.	MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A M TO 4 P M DRILLER Robert White

OPERATING DATA

SIZE D.C. 4 3/4	PUMP SPM 52		
NO. D.C. 20	PUMP PRESS 2800		
PUMP STROKE 18	ROTARY RPM 75		
LINER SIZE 4 3/4	WT. ON BIT 12M		

BIT DATA

NO.	SIZE	TYPE	F.TAGE	HRS.RUN
1/9	6 1/4	C	338	10 5/8

MUD TEST DATA

TIME	WT	VIS	W.L.	P.H.
8 00	10.1	43		
12 00	10.1	43		
2 00	10.1	43		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
GELTONE	200		

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
10,625	10,640				

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8 00	9 00	DRLG
9 00	9 15	SER BOP's Pressure Check Inventory of Materials
9 15	11 15	DRLG
11 15	11 30	Rig up Hoisy + close Hydril + Air
11 30	4 00	DRLG

DAY WORK RATES W.O.P | W.O.O.P

HRS.	MIN.	HRS.	MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M TO 12 M DRILLER Fred Manning

OPERATING DATA

SIZE D.C. 4 3/4	PUMP SPM 52		
NO. D.C. 20	PUMP PRESS 3000		
PUMP STROKE 18	ROTARY RPM 75		
LINER SIZE 4 3/4	WT. ON BIT 12M		

BIT DATA

NO.	SIZE	TYPE	F.TAGE	HRS.RUN
49	6 1/4	◇	357	12 3/4

MUD TEST DATA

TIME	WT	VIS	W.L.	P.H.
4	10.1	52		
6	10.1	52		
8	10.1	51		
10	10.1	51		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
10,640	10,665				

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4 00	6 30	DRLG
6 30	7 00	Lubr. SER Rig
7 00	12	DRLG

DAY WORK RATES W.O.P | W.O.O.P

HRS.	MIN.	HRS.	MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED _____ Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE _____

IS YOUR REPORT COMPLETE?

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 119
FIELD W/C
LEASE TEXACO NPA.
WELL NO. F72
LOCATION Boyle LK
PROVINCE NWT

CONTRACTOR Cascade Drlg Co. DATE Jan 20/67
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 MM. TO 8 A M DRILLER Shewchuk

OPERATING DATA: SIZE D.C. 4 3/4 | NO. D.C. 20 | PUMP STROKE 18 | LINER SIZE 4 3/4 | PUMP SPM 52 | PUMP PRESS 2000 | ROTARY RPM 75 | WT. ON BIT 12

BIT DATA: NO. 49 | SIZE 6 1/16 | TYPE Chart Q | FT AGG HRS. RUN 243 75

MUD TEST DATA: TIME 12 | WT. 10.1 | VIS 49 | W.L. | P.H.
2 | 10.1 | 47
4 | 10.1 | 45
6

MUD ADDED THIS TOUR: MATERIAL / LBS.
INVERMUL 300
DURATONE 150

HOLE DATA: DRILLED FROM 10532 TO 10556 | RATHOLED | REAMED

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8:00	5:30	Drilling
5:30	5:45	Replace belts on Skid Motor &
5:45	8:00	Drilling

DAY WORK RATES: W.O.P HRS. MIN. | W.O.O.P HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A M. TO 4 P M DRILLER Robt Curtis

OPERATING DATA: SIZE D.C. 4 3/4 | NO. D.C. 20 | PUMP STROKE 18 | LINER SIZE 4 3/4 | PUMP SPM 52 | PUMP PRESS 2000 | ROTARY RPM 75 | WT. ON BIT 12M

BIT DATA: NO. 49 | SIZE 6 1/16 | TYPE Q | FT AGG HRS. RUN 269 82 1/2

MUD TEST DATA: TIME 10 | WT 10 | VIS 45 | W.L. | P.H.
12 | 9.9 | 47
2 | 9.9 | 53

MUD ADDED THIS TOUR: MATERIAL / LBS.
INVERMUL 1200
DURATONE 600
GEL TONE 200
DIESEL 60 BBL

HOLE DATA: DRILLED FROM 10556 TO 10825 | RATHOLED | REAMED

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4P	9:45	DRLG
9:45	11:45	SER RIG + BOPS
11:45	8:00	DRLG

DAY WORK RATES: W.O.P HRS. MIN. | W.O.O.P HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 12 M TO 12P M DRILLER Robert Manning

OPERATING DATA: SIZE D.C. 4 3/4 | NO. D.C. 20 | PUMP STROKE 18 | LINER SIZE 4 3/4 | PUMP SPM 52 | PUMP PRESS 2000 | ROTARY RPM 75 | WT. ON BIT 12M

BIT DATA: NO. 49 | SIZE 6 1/16 | TYPE Q | FT AGG HRS. RUN 332 90 1/2

MUD TEST DATA: TIME 4 | WT 9.9 | VIS 47 | W.L. | P.H.
6 | 10 | 48
9 | 10.1 | 49
10 12 | 48

MUD ADDED THIS TOUR: MATERIAL / LBS.
Baroid 450

HOLE DATA: DRILLED FROM 10556 TO 10665 | RATHOLED | REAMED

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4	6:30	DRLG
6:30	6:45	Grease Rig
6:45	12	DRLG

DAY WORK RATES: W.O.P HRS. MIN. | W.O.O.P HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

D\W FOOTAGE THIS 24 HRS. _____

SIGNED _____ Co. R.

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PD-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 118
FIELD W/C
LEASE TEXACO NEA
WELL No. J-72
LOCATION Bowe Lk
PROVINCE NWT

CONTRACTOR Cascade Drilling Co DATE Jan 29/67
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 2 A.M. TO 8 A.M. DRILLER Shewchuk

OPERATING DATA			
SIZE D.C.	4¾	PUMP SPM	52
NO. D.C.	20	PUMP PRESS	2000
PUMP STROKE	18	ROTARY RPM	75
LINER SIZE	4½	WT. ON BIT	12M

BIT DATA					
NO.	SIZE	TYPE	FTAGE	HRS. RUN	
49	6 1/16	Chs A	171	52¼	

MUD TEST DATA					
TIME	WT.	VIS	W.L.	P.H.	
12	10	45			
2	10	44			
d					
6	10	47			

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Added 20 bbls mud from reserve tank into system —			

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
10964	10972				

SURVEYS: DEPTH / ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
1200	1530	Service Rig
1530	500	Drilling
500	515	Repair Pump.
515	800	Drilling.

DAY WORK RATES W.O.P / W.O.P

HRS.	MIN.	HRS.	MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A.M. TO 4 P.M. DRILLER Robert Wilson

OPERATING DATA			
SIZE D.C.	4¾	PUMP SPM	52
NO. D.C.	20	PUMP PRESS	2000
PUMP STROKE	18	ROTARY RPM	75
LINER SIZE	4½	WT. ON BIT	12M

BIT DATA					
NO.	SIZE	TYPE	FTAGE	HRS. RUN	
49	6 1/16	A	196	57¾	

MUD TEST DATA					
TIME	WT.	VIS	W.L.	P.H.	
800	10	47			
1300	10.	46			
200	10.	44			

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
10964	10972				

SURVEYS: DEPTH / ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8	130	Drilling
130	230	Circ for BOP's
230	4	Drilling

DAY WORK RATES W.O.P / W.O.P

HRS.	MIN.	HRS.	MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P.M. TO 12 P.M. DRILLER Robert Manning

OPERATING DATA			
SIZE D.C.	4¾	PUMP SPM	52
NO. D.C.	20	PUMP PRESS	2000
PUMP STROKE	18	ROTARY RPM	75
LINER SIZE	4½	WT. ON BIT	12M

BIT DATA					
NO.	SIZE	TYPE	FTAGE	HRS. RUN	
49	6 1/16	A	215	67¼	

MUD TEST DATA					
TIME	WT.	VIS	W.L.	P.H.	
400	10.	45			
600	10.	45			
1004	10.	45			

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
INTERGEL	630		
SOPTONE	650		

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
10506	10532				

SURVEYS: DEPTH / ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
400	1645	DRILL W/ 6 B.T.
1645	1815	Circ + SCR Rig + BOP's
1815	12	DRLG.

DAY WORK RATES W.O.P / W.O.P

HRS.	MIN.	HRS.	MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED _____ Co. R.

D/W FOOTAGE THIS 24 HRS. _____

IS YOUR REPORT COMPLETE?

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 117
FIELD ~~Bowie Lk~~
LEASE
WELL NO. J72
LOCATION Bowie Lk
PROVINCE NWT

CONTRACTOR Cascade Drilling DATE Jan 28/67
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 00 M. TO 8 00 A M — DRILLER A Kiriuchuk

OPERATING DATA: SIZE D.C. 4 3/4 | PUMP SPM 52 | NO. D.C. 20 | PUMP PRESS 2000 | PUMP STROKE 18 | ROTARY RPM 75 | LINER SIZE 4 3/4 | WT. ON BIT 12

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
49	6 1/16	◇	102	9 1/2

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
	10.1	49		
4 00	10.1	45		
	10.0	45		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Duratone	300		
Invermul	500		
Diesel	28 BBLS		

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
10393	10495				

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12 00	4 30	Drilling
4 30	5 00	Connection Ser Rig
5 00	8 00	Drilling

DAY WORK RATES

W.O.D.P. HRS.	W.O.D.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A M TO 4 P M — DRILLER Robert Zukiwsky

OPERATING DATA: SIZE D.C. 4 3/4 | PUMP SPM 52 | NO. D.C. 20 | PUMP PRESS 2000 | PUMP STROKE 18 | ROTARY RPM 75 | LINER SIZE 4 3/4 | WT. ON BIT 12

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
49	6 1/16	◇	126	37

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
8 00	10	43		
4 00	10	47		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Geltone	250#		

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
10435	10439				

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8 00	3 15	Drilling
3 15	3 45	Service + BOPS
3 45	4 00	Drlg

DAY WORK RATES

W.O.D.P. HRS.	W.O.D.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M TO 12 P M — DRILLER Robert Blanning

OPERATING DATA: SIZE D.C. 4 3/4 | PUMP SPM 52 | NO. D.C. 20 | PUMP PRESS 2000 | PUMP STROKE 18 | ROTARY RPM 75 | LINER SIZE 4 3/4 | WT. ON BIT 12

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
49	6 1/16	◇	151	45

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
4 00	9.9	45		
6 00	9.9	46		
8 00	9.9	46		
10 00	9.9	45		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
10435	10464				

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4 00	12 00	Drlg.

DAY WORK RATES

W.O.D.P. HRS.	W.O.D.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

D\W FOOTAGE THIS 24 HRS. _____

SIGNED _____ Co. R.

DATE _____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 116
FIELD Bonnie Lake
LEASE J-72
WELL NO.
LOCATION Texaco AFA.
PROVINCE Alta.

CONTRACTOR Cascade Drlg DATE Jan 27-1967
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 P M. TO 8 A M DRILLER Robert Manning

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	4¾	PUMP SPM	50	49	6¼6	O	33	8
NO. D.C.	20	PUMP PRESS	2000					
PUMP STROKE	18	ROTARY RPM	75					
LINER SIZE	4¾	WT. ON BIT	12M					

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
12	102	53		
2	102	53		
4	102	53		
6	102	52		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
10315	10346				

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12	7³⁰	Drlg
7³⁰	8	Ser Rig & Connection

DAY WORK RATES

W.C.P. HRS.	W.C.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A M TO 4 P M DRILLER A Shumchuk

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	4¾	PUMP SPM	52	49	6¼6	Chy	55	4½
NO. D.C.	20	PUMP PRESS	2000			O		
PUMP STROKE	18	ROTARY RPM	75					
LINER SIZE	4¾	WT. ON BIT	12					

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
8	10.1	47		
2	10.1	46		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Diesel	10	BBLS.	

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
10346	10365				

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8⁰⁰	9¹⁵	Drilling
9¹⁵	9³⁰	Circ & mix pills
9³⁰	10⁰⁰	Short trip 5 stds
10⁰⁰	10⁴⁵	Drilling
10⁴⁵	11⁰⁰	Circ & mix pills
11⁰⁰	11³⁰	Short trip 5 stds
11³⁰	12⁰⁰	Circ & mix pills
12⁰⁰	12³⁰	Pull out of hole
12³⁰	1³⁰	Log w/ Schlumberger
1³⁰	2³⁰	Rig up & run 5½" csg
2³⁰	4⁰⁰	Circ & cond mud

DAY WORK RATES

W.C.P. HRS.	W.C.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M TO 12 P M DRILLER Robert Gaudet

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	4¾	PUMP SPM	52	49	6¼6	4	80	22
NO. D.C.	20	PUMP PRESS	2000					
PUMP STROKE	18	ROTARY RPM	75					
LINER SIZE	4¾	WT. ON BIT	12M					

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
4¹⁵	10.1	45		
6⁰⁰	10.1	46		
8⁰⁰	10.1	46		
10⁰⁰	10.0	45		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
10365	10387				

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4⁰⁰	4¹⁵	Drlg
4¹⁵	4³⁰	Ser Rig & B.O.P's
4³⁰	7⁴⁵	Drlg
7⁴⁵	8¹⁰	Rel Clamp packing = 4 units
8¹⁰	12⁰⁰	Drlg

DAY WORK RATES

W.C.P. HRS.	W.C.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SUPVR. L. Bart CO. R. _____

D/W FOOTAGE THIS 24 HRS. _____

IS YOUR REPORT COMPLETE?

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 115
FIELD Dorotea Lake
LEASE 372
WELL NO. Texaco Mex
LOCATION
PROVINCE N.W.T.

CONTRACTOR Cascade Drilling DATE Jan 26/67
RIG NO. 12 ROTARY ☐ SERVICE ☐

MORNING TOUR 12 P M. TO 8 AM DRILLER Robert Manning

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.	4¾	PUMP SPM		4A	6¼	HTC	27	7
NO. D.C.	20	PUMP PRESS	1200					
PUMP STROKE	18	ROTARY RPM	60					
LINER SIZE	4¾	WT. ON BIT	18M					

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
10 A	10.2	53		
4 P	10.2	53		
6 "	10.2	53		
8 "	10.2	53		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
10274	10301				

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12	12¼	Run in
12¼	12¾	Clean To Bottom
12¾	1	Work Junk Sub
1	4	Drlg

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8:00 A M TO 4:00 P M DRILLER D Iwachuk

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.	4¾	PUMP SPM	50	4A	6¼	HTC	39	10½
NO. D.C.	20	PUMP PRESS	1350					
PUMP STROKE	18	ROTARY RPM	60					
LINER SIZE	4¾	WT. ON BIT	18					

MUD TEST DATA

TIME	WT	VIS	W.L.	P.H.
8	10.2	52		
	10247			

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
N.C.			

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
10301	10313				

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8	9½	Rig Service & BOP
9½	10	Test Pumps (Failed Indicator)
10	12	Drlg
12	1:30	Hoist For Bit

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M TO 12 P M DRILLER Robert Willis

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.	4¾	PUMP SPM	50	4A	6¼	HTC	2	1½
NO. D.C.	20	PUMP PRESS	2000					
PUMP STROKE	18	ROTARY RPM	75					
LINER SIZE	4¾	WT. ON BIT	14					

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
10313	10315				

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4:00	4:15	Ser Rig & B.O.P.S
4:15	4:45	Slip Drlg Line
4:45	7:30	Wait on Orders
7:30	9:00	Pick up & Bit
9:00	11:30	Circ Bit and Btm To Clean Hole
11:30	12:00	Drlg

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED D Barth Co. R.

D/W FOOTAGE THIS 24 HRS. _____ DATE _____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 114
FIELD Bare Lake
LEASE [redacted]
WELL NO. Texaco NEA
LOCATION [redacted]
PROVINCE Alta.

CONTRACTOR Cascade Drlg DATE JAN 25-1967

RIG NO. 19 ROTARY ☑ SERVICE ☐

DRILLER Robert Mawson

MORNING TOUR 12 M. TO 8 AM

OPERATING DATA			BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	7"	PUMP SPM					
NO. D.C.	22	PUMP PRESS					
PUMP STROKE		ROTARY RPM					
LINER SIZE		WT. ON BIT					

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | TO; RATHOLED FROM | TO; REAMED FROM | TO

SURVEYS: DEPTH | ANGLE

10274

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.D.P HRS.	MIN.	W.O.O.P HRS.	MIN.
12	115	Make up Johnson Bit				
115		Measure in 3400' DC				
	215	& Pipe & Run in				
215		Run Diesel Cushion & Work on Water Hauler				
	415	Drop				
415	515	Running To Bottom Casing				
515	8	Wait on Daylight				
		Check Motor Shutdown & Bop Blow Flow Line with Air.				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 AM M TO 4 PM

DRILLER Mawchuk

OPERATING DATA			BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	6½	PUMP SPM	Testing				
NO. D.C.	22	PUMP PRESS					
PUMP STROKE	7"	ROTARY RPM					
LINER SIZE	6½	WT. ON BIT					

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

Nil

HOLE DATA: DRILLED FROM | TO; RATHOLED FROM | TO; REAMED FROM | TO

SURVEYS: DEPTH | ANGLE

10274

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

DST #3 Ft Toronto
10023'-9800 MFE Tool
IBP 45 mins FSI 45 mins
Tool Open 180 mins
GTS 32 mins Max Gas Flood
32 MCF
IHP 5150 ISIP 4367
IFP 2053 FFP 1300 FSIP 4502
FHP 4882 BHT 326°
Test Satisfactory

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.D.P HRS.	MIN.	W.O.O.P HRS.	MIN.
8	1300	Finish running Csg. Cut off Csg. Weld on Head Test to 1500 psi				
1300	1430	Pick up DST #3 Ft Toronto				
1430	2200	Run DST #3 Ft Toronto				
2200	400	Pull DST #3 Ft Toronto Hole Packer				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 PM M TO 12 PM

DRILLER Robert Wilkie

OPERATING DATA			BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM	#8	6¼	HTC		
NO. D.C.		PUMP PRESS					
PUMP STROKE		ROTARY RPM					
LINER SIZE		WT. ON BIT					

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | TO; RATHOLED FROM | TO; REAMED FROM | TO

SURVEYS: DEPTH | ANGLE

10274

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.D.P HRS.	MIN.	W.O.O.P HRS.	MIN.
1400	700	Finish Pulling DST.				
700	730	Slip Drlg Line				
730	745	Service Rig				
745	915	Lay Down DST Tools				
915	1200	Pick up BHA Trip in Hole Ream 30' to Btm Drill & Run in Corlyn DCs				
		Approx 810' Fluid in Test Blue Tool Salt Water				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED _____ Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE _____

IS YOUR REPORT COMPLETE?

MORNINGSTAR FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 5-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 43.
FIELD Bouie Lake
LEASE J-72
WELL NO.
LOCATION TEXACO AREA
PROVINCE Alta.

CONTRACTOR Cascade Drlg DATE JAN 24 1969

RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR RF M. TO 8 A M DRILLER

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	6 3/4	PUMP SPM	44	47	6 1/4	J-33	11	4 1/4
NO. D.C.	20	PUMP PRESS	1600					
PUMP STROKE	14	ROTARY RPM	60					
LINER SIZE	4 3/4	WT. ON BIT	18M					

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
3:00	9.8	54			Invermud	600#		
5:00	9.8	54			Duratone	400#		
7:00	9.8	54						

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
10263	10274				

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12 Hrs		Ser Rig + BOP
12:15	2	Pull in
2	2:15	Break Circ.
2:15	6:30	Drlg
6:30	8	Circ + Cond Mud.

DAY WORK RATES W.O.P. HRS. MIN. W.O.P. HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A M TO 4:00 P M DRILLER Wisniewski

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	6 3/4	PUMP SPM	50	47	6 1/4	J-33	11	8
NO. D.C.	20	PUMP PRESS	1600					
PUMP STROKE	14	ROTARY RPM	60					
LINER SIZE	4 3/4	WT. ON BIT	18M					

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
8:00	9.7	55			Barrod			
10:00	9.8	54			Duratone	1200		
12:00	9.8	54						

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
10274					

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8:00	8:30	Circ + Cond Mud
8:30	9:00	Trip out for bit
9:00	10:00	Lay down DC's
10:00	12:30	Wait on DC's
12:30	2:00	Pick up DC's + TIH
2:00	3:30	Run Back To Bottom

DAY WORK RATES W.O.P. HRS. MIN. W.O.P. HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M TO 12 C M DRILLER Robert Wilson

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	6 3/4	PUMP SPM		47	6 1/4	J-33 RR	11	4 1/4
NO. D.C.	20	PUMP PRESS						
PUMP STROKE	13	ROTARY RPM						
LINER SIZE	4 3/4	WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
4:00	14	46						

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
10274					

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4:00	4:15	Ser Rig + BOPS
4:15	7:00	Circ w/ pipe To 2 SSE
7:00	8:00	Pull out. Lay down Reed
8:00	9:00	Rig Repair
9:00		Measure + Strap DC's + Pick
		up 5" DERRICK TIH +
		Reverse + Run in 5 Stds
12:00		DCs Picking up Pipe

DAY WORK RATES W.O.P. HRS. MIN. W.O.P. HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. TOTAL DRLG TIME THIS 24 HRS. TOTAL DAY WORK THIS 24 HRS.

HRS. WITH DRILL PIPE HRS. WITHOUT DRILL PIPE SIGNED Co. R.

DW FOOTAGE THIS 24 HRS. DATE

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS, SALEBOOKS LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY
DAILY DRILLING WELL REPORT

REPORT NUMBER 112
FIELD Bonnie Glen
LEASE J-72
WELL NO.
LOCATION Texaco EA
PROVINCE N.W.T.

CONTRACTOR Cascade Drlg. DATE Jan 23-1967
RIG NO. 19 ROTARY ☑ SERVICE ☐
DRILLER Robert Manning

MORNING TOUR 12P M. TO 8A M

OPERATING DATA			BIT DATA NO.	SIZE	TYPE	FT AGG	HRS. RUN
SIZE D.C.	4 3/4	PUMP SPM	46	6 1/4	O	10	4 1/4
NO. D.C.	21	PUMP PRESS					
PUMP STROKE	18	ROTARY RPM					
LINER SIZE	4 3/4	WT. ON BIT					

HOLE DATA: DRILLED FROM 10226 TO 10236; RATHOLED FROM — TO —; REAMED FROM — TO —; SURVEYS DEPTH — ANGLE —

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.):

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.
2:00	99	56				
4:00	99	56				
6:00	99	56				

MUD ADDED THIS TOUR

MATERIAL	LBS.

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12	3:00	Clean out To Bottom
3:00	3:30	From 10156 to 10226
3:30	3:45	Circ Lft from Bottom
3:45	6:00	Drop Balls Core Same
		Cut Core #6

DAY WORK RATES

	W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DRILLER Robert Chamberlain

DAYLIGHT TOUR 6:00A M TO 4:00P M

OPERATING DATA			BIT DATA NO.	SIZE	TYPE	FT AGG	HRS. RUN
SIZE D.C.	4 3/4	PUMP SPM	46	6 1/4	O	Out	3 3/4
NO. D.C.	21	PUMP PRESS					
PUMP STROKE	18	ROTARY RPM					
LINER SIZE	4 3/4	WT. ON BIT					

HOLE DATA: DRILLED FROM 10226 TO 10233; RATHOLED FROM — TO —; REAMED FROM — TO —; SURVEYS DEPTH — ANGLE —

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.):

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.
	99	50			N.L.	
	99	49				
	99	49				

MUD ADDED THIS TOUR

MATERIAL	LBS.

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
6:00	2:00	Cutting Core #6
2:00	4:00	Pull Out Of Hole
4:00	6:00	Lay Down Core #6

DAY WORK RATES

	W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DRILLER Robert Wilson

EVENING TOUR 4P M TO 12P M

OPERATING DATA			BIT DATA NO.	SIZE	TYPE	FT AGG	HRS. RUN
SIZE D.C.	4 3/4	PUMP SPM	46	6 1/4	4	37	12 1/4
NO. D.C.	20	PUMP PRESS	47	6 1/4	HTC		
PUMP STROKE	18	ROTARY RPM					
LINER SIZE	4 3/4	WT. ON BIT					

HOLE DATA: DRILLED FROM 10226 TO 10263; RATHOLED FROM — TO —; REAMED FROM — TO —; SURVEYS DEPTH — ANGLE —

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.):

CUT 3 CORE #6 10226-10263 CUT 37' REC 37'
CORE CUT IN 12 1/4 HRS
USED 7 BOXES
BY CHARTERSEN

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.

MUD ADDED THIS TOUR

MATERIAL	LBS.

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
6:00	9:30	Cutting Core #6
9:30	9:45	Core Jammed Work Bit To
		Free Could not
9:45	10:30	See Rig + Rods
10:30	11:30	Trip out w/ Core
11:30	12:00	Rec. Core 37' Work + Box
12:00	1:30	Slip Drlg Line
1:30	4:30	See Gyro + Stand in Derr
4:30	10:15	Lay Down Directional
10:15	12:00	Make up Bit + Run +
		Run in

DAY WORK RATES

	W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. ____ TOTAL DRLG TIME THIS 24 HRS. ____ TOTAL DAY WORK THIS 24 HRS ____
HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ SIGNED ____ CO. R.
D\W FOOTAGE THIS 24 HRS. ____ DATE ____

IS YOUR REPORT COMPLETE?

FORM PD-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 111
FIELD Bonit Lake
LEASE J-72
WELL NO. ____
LOCATION Texaco Lea
PROVINCE N.W.T.

CONTRACTOR Cascade Drlg DATE JAN 22-1967

RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12-P M. TO 8-A M DRILLER Robert Manning

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	4¾	PUMP SPM	42	45	6¼	◇	22	7½
NO. D.C.	21	PUMP PRESS	1250					
PUMP STROKE	14	ROTARY RPM	78					
LINER SIZE	4¾	WT. ON BIT	12M					

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
11°	9.9	56						
4°	9.7	56						
6°	9.9	54						

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
10186	10225'				

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12	1	Work on Pump
1	2:15	Cut Core #5
2:15	2:30	Connection
2:30	8	Cut Core #5

DAY WORK RATES W.O.B. HRS. MIN. | W.O.P. HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8:00 A M TO 4:00 P M DRILLER A. Peauchuk

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	4¾	PUMP SPM	42	45	6¼	◇	93	
NO. D.C.	21	PUMP PRESS	1		Cloud			
PUMP STROKE	14	ROTARY RPM	80					
LINER SIZE	4¾	WT. ON BIT	12					

MUD TEST DATA TIME	WT	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
9	9.9	52			Mud			
10	9.9	50						
12	9.9	49						

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
10225	10318				

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Cut Core #5 10225
Core #5 10318
Rec 93' Core Cut
in 4 Boxes used 4 Boxes

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8:00	10:00	Cutting Core #5
10:00	12:00	Circulating Sample
12:00	1:00	Pull out of hole with Core Barrel
1:00	2:00	Lay down Core Barrel
2:00	4:00	Recover Core & Close Barrel

DAY WORK RATES W.O.B. HRS. MIN. | W.O.P. HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M TO 12 P M DRILLER Robert Wells

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM		46	6¾6	◇		
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
10225					

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4:00	6:00	Trouble Trip out W/C/BBL
6:00	7:00	Recover Core Catcher Box Sample Rec. 93'
7:00	7:30	Service Rig & BOP's
7:30	8:00	Strap Core Barrel
8:00	9:30	Trip in W/ Core Bit #6
9:30	10:00	Pick up Kelly to Ream Circ Bridge @ 10156'

DAY WORK RATES W.O.B. HRS. MIN. | W.O.P. HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. ____ TOTAL DRLG TIME THIS 24 HRS. ____ TOTAL DAY WORK THIS 24 HRS. ____

HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ SIGNED O'Brien Co. R.

D'W FOOTAGE THIS 24 HRS. ____ DATE ____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-312-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 110
FIELD Bonnie Lake
LEASE J-72
WELL NO. —
LOCATION TEXACO HEA
PROVINCE ALBT

CONTRACTOR Cascade Drlg DATE June 21-1967

RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 P M. TO 8 A M DRILLER Robert Wiseman

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.	4 3/4	PUMP SPM	42	4A	6 1/4	O	32	6
NO. D.C.	21	PUMP PRESS	1150					
PUMP STROKE	18	ROTARY RPM	80					
LINER SIZE	4 3/4	WT. ON BIT	12M					

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
2	9.9	59			Lalumite	1530		
4	9.9	59			Duratone	650		
6	9.9	60						

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO	SURVEYS DEPTH	SURVEYS ANGLE
10123	10155						

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	W.O.P MIN.	W.O.D.P HRS.	W.O.D.P MIN.
12	1230	FINISH RUNNING IN				
1230	1245	SER R.6				
1245	1415	CIRC CORE BBL TO BOTTOM				
1415	2	COM & DROP BALL				
2	8	CUT CORE #4				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A M TO 4 P M DRILLER L Miaruchuk

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.	4 3/4	PUMP SPM	40	4A	6 1/4	O	60	10
NO. D.C.	21	PUMP PRESS	1100					
PUMP STROKE	18	ROTARY RPM	70					
LINER SIZE	4 3/4	WT. ON BIT	12					

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
8	9.9	51			N.L.			
12	10	50						

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO	SURVEYS DEPTH	SURVEYS ANGLE
10155	10230						

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Cut 3 Core #4 10123 - 10155 Rec 32'
Core #4 Cut 10 to 10230 Rec 60'
12 Boxes Cut 8½ Cal Gel

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	W.O.P MIN.	W.O.D.P HRS.	W.O.D.P MIN.
8	10	Ser Rig				
10	1230	Pull Out of Hole with Core #4				
1230	1330	Lay Down Core #4				
1330	1430	Pick up Bit #5				
1430	1630	Trip in Hole				
1630	1730	Ream Hole Core #4				
1730	4	Drill				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M. TO 12 P M. DRILLER Robert Wise

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.	4 3/4	PUMP SPM	50	4A	6 1/4	O	3	3 1/4
NO. D.C.	21	PUMP PRESS	1150					
PUMP STROKE	18	ROTARY RPM	80					
LINER SIZE	4 3/4	WT. ON BIT	12					

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO	SURVEYS DEPTH	SURVEYS ANGLE
10155	10230						

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	W.O.P MIN.	W.O.D.P HRS.	W.O.D.P MIN.
4 P.M.	430	Ser Rig + Boats				
430	530	Rec. Core Bbl. + Box Same				
530	630	Lin Drlg Line				
630	930	Trip in w/ Bit #5				
930	1130	Pick up Kelly + Wash to Btm				
1130	1230	Drop Ball				
1230	145	Cutting Core #5				
145	1130	Work gas Line to Supply Shed.				
1130	12	Try to Reduce PSI Increased while working on Air Lines				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED O Bourk Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE _____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PD-212-A (T&C) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 109
FIELD Bonnie Lake
LEASE J-72
WELL NO.
LOCATION TEXACO-HFA
PROVINCE Alta

CONTRACTOR Cascade DRLG DATE JAN 20, 1967
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 M. TO 8 M DRILLER Hubert Manning

OPERATING DATA			
SIZE D.C.	434	PUMP SPM	60
NO. D.C.	20	PUMP PRESS	1400
PUMP STROKE	18	ROTARY RPM	60
LINER SIZE	434	WT. ON BIT	19M

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS.RUN
43	6 1/4	W78	9	2

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
6	98	65		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Bunamb	500		
Drattic	200		

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
10102	10144				

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12	1230	Run in
1230	130	Drill up Packer
130		Well Cassing Circ
	230	Through Blend of line
230	6	Work on Pumps
6	8	Drlg

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.P. HRS.	W.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 800P M. TO 400P M DRILLER Driscoll Chuck

OPERATING DATA			
SIZE D.C.	434	PUMP SPM	60
NO. D.C.	20	PUMP PRESS	1900
PUMP STROKE	19	ROTARY RPM	60
LINER SIZE	5 3/4	WT. ON BIT	19

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS.RUN
43	6 1/4	W78	21	4 1/2

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
600	98	48		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Invermul	700		
Duratone	350		

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
10102	10144				

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
800	830	Circ
830	930	Trip out for bit
930	1030	Pick up bumper
1030	1130	Cut 100' Hose on #1 pump
1130	115	Trip in with bit
115	230	Circ condition mud
230	300	Run Totco
		Change Dodco
300	330	Trip out to Case
330	400	Load out Johnson
		Testers Tools

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.P. HRS.	W.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4P M TO 12P M DRILLER Robt Wilson

OPERATING DATA			
SIZE D.C.	434	PUMP SPM	
NO. D.C.	21	PUMP PRESS	
PUMP STROKE		ROTARY RPM	
LINER SIZE		WT. ON BIT	

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS.RUN
44	6 1/4		9	

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
10102					

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
400	430	SER RIG.
430		Thaw Water Lines to & From Hydromatic
	530	Brakes.
530	730	Finish Trip out
730	900	Pick up C/Rol & Bit.
900	1200	Run in Stab. off C/Rol.
		S.L.M. 10'

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.P. HRS.	W.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED _____ Co. R.

D/W FOOTAGE THIS 24 HRS. _____ DATE _____

IS YOUR REPORT COMPLETE?

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 108
FIELD Bois Lake
LEASE J-72
WELL NO. —
LOCATION Texaco AEB
PROVINCE Alta

CONTRACTOR Cascade Drlg. DATE Jan 19/67
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 P.M. TO 8 A.M. DRILLER Robert McKenzie

OPERATING DATA: SIZE D.C. — PUMP SPM — NO. D.C. — PUMP PRESS — PUMP STROKE — ROTARY RPM — LINER SIZE — WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | TO | RATHOLED FROM | TO | REAMED FROM | TO

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12	1PM	Make up Johnson Packer
1PM	2PM	Run in Dc 24 stds
2PM	3PM	Run Diesel Cushion
3PM	4PM	Run in To Bottom Casside
4PM	4PM	Check Motor Shut Off
4PM	8	Wait on Daylight To Test

DAY WORK RATES: W.O.P. HRS. MIN. | W.O.O.P. HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A.M. TO 4 P.M. DRILLER D. Niemchuk

OPERATING DATA: SIZE D.C. 6½ — PUMP SPM — NO. D.C. 5 — PUMP PRESS — PUMP STROKE 15 — ROTARY RPM — LINER SIZE 6¼ — WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

MUD TEST DATA: TIME | WT | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | TO | RATHOLED FROM | TO | REAMED FROM | TO

SURVEYS: DEPTH | ANGLE

1632 REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.) LTSTT NO.

Cost of 6130 - 1632 Mile Tool
Fuel - Rubber Kg - Sands on
Location - Diff Mile Tool Off 2 on
Set 4 Csg Centre
Test Formation Dst to 1632 m 1642
Could not get second attempt
Dst to Test Failure
IHP 4546 IFP 4543 IFP 1938
FFP 3900 FSIP 4505 FHP 4926
Bit 302" Test Dst Failed Packer
Used 35 Gal Diesel Fuel Cushion

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8A	8A	Service Rig & Check Mud
8A	9A	Finish Opening To 5 Stds
9A	1PM	Trouble Getting Hook Tool Started
1PM	2PM	Set Packer - Test Out First Single
2PM	4PM	Testing Tools
		Run Clarkson's
4PM		Bleed off and Burn Gas
		Log in Pipe
		Packer Shut in Tool
		Pull Pull Weight To Open Tool (would not)
		Pulled Up 5' w/ Packer

DAY WORK RATES: W.O.P. HRS. MIN. | W.O.O.P. HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4P M TO 12 P.M. DRILLER Robt McKee

OPERATING DATA: SIZE D.C. 6¾ — PUMP SPM — NO. D.C. 20 — PUMP PRESS — PUMP STROKE 15 — ROTARY RPM — LINER SIZE 6¼ — WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN
43 | 6¾ | HWK

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | TO | RATHOLED FROM | TO | REAMED FROM | TO

SURVEYS: DEPTH | ANGLE

1642 REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Rec 400 Diesel
1350 Drlg Mud
Sat Salt Water - 110,000
22m Cl 10m

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4P	4P	Sfty Mg
4P	7P	Finish Pulling Packer Flow #3 Stds Out
7P	9P	Break & Lay Down Tool
9P	9:30	Sl & Drlg Line
9:30	12M	Pick up Bit - 3 DC Rose Bumper Sub & Run In.

DAY WORK RATES: W.O.P. HRS. MIN. | W.O.O.P. HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. — TOTAL DRLG TIME THIS 24 HRS. — TOTAL DAY WORK THIS 24 HRS. —
HRS. WITH DRILL PIPE — HRS. WITHOUT DRILL PIPE —
D/W FOOTAGE THIS 24 HRS. —

SIGNED — Co. R.
DATE —

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 107
FIELD Bonie Lake
LEASE J-32
WELL NO.
LOCATION Texaco NEA
PROVINCE Alta.

CONTRACTOR Cascade Drlg DATE Jan 18, 1967
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 P.M. TO 8 P.M. DRILLER Robt Manning

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	4¾	PUMP SPM	60	42	6⅛	HTH	7	2½
NO. D.C.	20	PUMP PRESS	1900					
PUMP STROKE	18	ROTARY RPM	70					
LINER SIZE	4¾	WT. ON BIT	18M					

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
4	101				Baroid	18 sx		
6	9967							

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO	SURVEYS DEPTH	SURVEYS ANGLE
10093	10100						

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.P. HRS.	W.O.P. MIN.
12	2¾	Run in & Pick up Stack-S				
2¾	3	Break Circ				
3	3³⁰	Work on Pumps				
3³⁰	4²⁰	Drill up Packer Rubbers				
4²⁰	5³⁰	Work on Pump				
5³⁰	8	Drlg				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A.M. TO 4 P.M. DRILLER M Minuchuk

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	4¾	PUMP SPM	58	42	6⅛	HTH	9	3½
NO. D.C.	20	PUMP PRESS	1700					
PUMP STROKE	18	ROTARY RPM	70					
LINER SIZE	4¾	WT. ON BIT	18					

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
800	97	51			Nil			

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO	SURVEYS DEPTH	SURVEYS ANGLE
10100	10152						

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.P. HRS.	W.O.P. MIN.
800	900	Drlg				
900	915	Work on Pump to get it to start				
915	1000	Work to run Pump				
1000	1200	Run in & wash & Bottom. No fill				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P.M. TO 12 P.M. DRILLER Robert Fuller

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	4¾	PUMP SPM	60	42	6⅛	HTH	9	3½
NO. D.C.	20	PUMP PRESS	1800					
PUMP STROKE	18	ROTARY RPM						
LINER SIZE	4¾	WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
900	98	53						
600	98	52						

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO	SURVEYS DEPTH	SURVEYS ANGLE
10152							

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.P. HRS.	W.O.P. MIN.
400	415	Ser Rig & BOP's				
415	700	Circ Hole & Pick Up S.T.				
700	1000	Pull out				
1000	1230	Picking up Tool Pipe & DC's				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED _____ Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE _____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 106
FIELD Bonnie Lake
LEASE J-72
WELL NO.
LOCATION Texaco W.B.
PROVINCE Alta

CONTRACTOR Cascade Drlg DATE Jan 17/67
RIG NO. 19 ROTARY ☐ SERVICE ☑

MORNING TOUR 12 M. TO 4 M

DRILLER Robert Morrison

OPERATING DATA				BIT DATA					MUD TEST DATA					MUD ADDED THIS TOUR			
				NO.	SIZE	TYPE	FTAGE	HRS.RUN	TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.	4¾	PUMP SPM															
NO. D.C.	26	PUMP PRESS															
PUMP STROKE	14	ROTARY RPM															
LINER SIZE	4½	WT. ON BIT															

HOLE DATA						SURVEYS	
DRILLED		RATHOLED		REAMED		DEPTH	ANGLE
FROM	TO	FROM	TO	FROM	TO		
10093							

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

25 BBLS DIESEL FUEL

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12	1:30	Make up Johnson Tester
1:30	5:15	Run it & Fill DC's 32 Stds 1 Single wet Diesel
5:15	5:30	Tag water Cushion
5:30	5:45	Check Bops & Motor
5:45	12	Shut ops's OK. Wait on Daylight
12	1:30	To Test

DAY WORK RATES

W.O.P HRS.	W.O.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 1:30 M TO 4:00 M

DRILLER Bruce Church

OPERATING DATA				BIT DATA					MUD TEST DATA					MUD ADDED THIS TOUR			
				NO.	SIZE	TYPE	FTAGE	HRS.RUN	TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.	4¾	PUMP SPM															
NO. D.C.	20	PUMP PRESS															
PUMP STROKE		ROTARY RPM															
LINER SIZE		WT. ON BIT															

HOLE DATA						SURVEYS	
DRILLED		RATHOLED		REAMED		DEPTH	ANGLE
FROM	TO	FROM	TO	FROM	TO		
10093							

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Start 10093 - 9940 Mill Tooth
Dual Packer Set Testing
Could not Get Packer Seat
Load Drill Collars Steel Out
Circulate

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
1:30	2:30	Service Rig & Check
2:30	3:30	Bop
3:30	9:45	Finish Run in & Make up Testing Head & Manifold
9:45	10:45	Open Packer Float Seat Packer Double Set Seat
10:45	1:30	Test Dst - 5 stg Fluid - Fluid Gas Five bad testing plugs

DAY WORK RATES

W.O.P HRS.	W.O.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M TO 12 P M

DRILLER Robert Ellis

OPERATING DATA				BIT DATA					MUD TEST DATA					MUD ADDED THIS TOUR			
				NO.	SIZE	TYPE	FTAGE	HRS.RUN	TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.		PUMP SPM		42	6¾	HMM											
NO. D.C.		PUMP PRESS															
PUMP STROKE		ROTARY RPM															
LINER SIZE		WT. ON BIT															

HOLE DATA						SURVEYS	
DRILLED		RATHOLED		REAMED		DEPTH	ANGLE
FROM	TO	FROM	TO	FROM	TO		
10093							

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4:00	4:15	Ser Rig
4:15	7:00	Finish Trip Ant w/ DST
7:00	9:30	Lay Down DST Tool
9:30	11:45	Slip & Cut Drlg Line
11:45	12:00	Pick up 3 pt Reamer & Bit Run DC's in.

DAY WORK RATES

W.O.P HRS.	W.O.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED _____ Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE _____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PD-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 105
FIELD Bonnie Rose
LEASE J-32
WELL NO.
LOCATION TEXACO FA
PROVINCE Alberta

CONTRACTOR Cascade DATE JAN 16 67

RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 M. TO 8 M DRILLER Robert McMurray

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	4¾	PUMP SPM						
NO. D.C.	20	PUMP PRESS						
PUMP STROKE	7½	ROTARY RPM						
LINER SIZE	4¾	WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE
10070							

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Recovered 33 Ft Core
Cut off 5 Drill Pipe
Rubbers.
DST Core #3 10034 - 10070
Cut 36' Rec 36' 8" Christensen
Core cut in 7½ Hrs. Core Jammed
in BRL. Used 6 Boxes.

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	MIN.	W.O.O.P. HRS.	MIN.
12	1330	Circulate				
1330	130	Measure out				
130	200	Tugs out #1 Motor				
200	515	Finish Pulling out				
515	615	Recover Core				
615	645	Wash Bbl Core				
645	715	Serv & Start Eqpt				
		Core 33'				
715	745	Slip 20" Drlg line				
745	8	Run in.				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 800A M. TO 400P M DRILLER Kruschuk

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	4¾	PUMP SPM	50	9	6¼	O	7	2
NO. D.C.	20	PUMP PRESS	2000					
PUMP STROKE	7½	ROTARY RPM	70					
LINER SIZE	4¾	WT. ON BIT	10					

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
	10.5+				Nil			

HOLE DATA

DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE
10070							

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	MIN.	W.O.O.P. HRS.	MIN.
800		Served Rig Check Bbl				
830		Start Trips				30
130		Pick up Turn Stds				
900		& Comple Trip				
900	1230	Trip in				
1230		Test Core Barrel				
130		20° right hole				
130	2	Drilling 6¼ Bit				
2	3	Work on Pumps				
3	400	Drilling 6¼ Bit				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 400P M TO 12 M DRILLER Rhett White

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	4¾	PUMP SPM	50	11	6¼	4	13	5
NO. D.C.	20	PUMP PRESS	2000					
PUMP STROKE	7½	ROTARY RPM	70					
LINER SIZE	4¾	WT. ON BIT	10					

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
[illegible]								
600	10.50							

HOLE DATA

DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE
10070	10093						

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	MIN.	W.O.O.P. HRS.	MIN.
345	415	Ser Rig				
415	715	Drlg				
715	900	Pump mud to Flush out Suction out #1 pump w/ #2 Pump.				
900	1130	Pull out To Run DST				
1130	200	Pick up Packer Tools.				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. 24

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED A J Daub Co. R.

D/W FOOTAGE THIS 24 HRS. _____ DATE _____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 104
FIELD Bow Lake
LEASE J-72
WELL NO.
LOCATION Texaco NFA
PROVINCE Alta.

CONTRACTOR Cascade DATE JAN 15/67

RIG NO. 14 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 M. TO 4 M

DRILLER Robert Manning

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.	4¾	PUMP SPM		41	6¼	◇		
NO. D.C.	21	PUMP PRESS						
PUMP STROKE	14	ROTARY RPM						
LINER SIZE	4½	WT. ON BIT						

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | TO; RATHOLED FROM | TO; REAMED FROM | TO

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Cut 12 Rabbers of 3½ Pipe

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

FROM	TO	DESCRIPTION OF OPERATION
12	1300	Circ & Cond Mud.
1300	4½	Pull out To Core
4½	530	Pick up Core BBL
530	6	Pick up Stabilizer & Bumper Sub
6	8	Ran in

DAY WORK RATES: W.O.P. HRS. | MIN. | W.O.O.P. HRS. | MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 800 M TO 400 M

DRILLER D. Brauchuk

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.	4¾	PUMP SPM	38	A4	6¼	Q	29	5
NO. D.C.	21	PUMP PRESS	800					
PUMP STROKE	14	ROTARY RPM	90					
LINER SIZE	4½	WT. ON BIT	11					

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
800	9.7	54		
2	9.7	54		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
in Mixing Tank			
Invermul	350		
Duralone	300		
Gellone	100		

HOLE DATA: DRILLED FROM 0 TO 29½

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
800	900	Finish TIH
900	1000	Circ Bottoms
1000	1030	Circ & Dup Bit
1030	800	Cutting Core #2
		10.034

DAY WORK RATES: W.O.P. HRS. | MIN. | W.O.O.P. HRS. | MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 400 P M TO 1200 M

DRILLER K. Letkeman

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.	4¾	PUMP SPM	38	41	6¼	Q	36	7½
NO. D.C.	21	PUMP PRESS	800					
PUMP STROKE	14	ROTARY RPM	80					
LINER SIZE	4½	WT. ON BIT	11					

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
400	9.9	54		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Invermul	350		
Duralone	100		

HOLE DATA: DRILLED FROM 29½ TO 65½

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
400	430	Cut Core #2
430	500	Connection - Service Swivel & Rig.
500	700	Cutting Core #3
700	800	Pull up into Csg.
800	1100	Wait in Csg.
1100	1130	Run back to Bottom
1130	1200	Circ. 5' Off Bottom No Fill

DAY WORK RATES: W.O.P. HRS. | MIN. | W.O.O.P. HRS. | MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ DRIL. WITHOUT DRILL PIPE _____ SIGNED D. Brauchuk Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE _____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PD-212-A (TEC) 3-69

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 103
FIELD Bovie Lake
LEASE J-72
WELL NO.
LOCATION Texaco Area
PROVINCE N.W.T.

CONTRACTOR Cascade
DATE Jan 14/67
RIG NO. 19
ROTARY ☐ SERVICE ☐

MORNING TOUR 12 M. TO 8 M
DRILLER K Manning

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.	RUN
SIZE D.C.	6 3/4	PUMP SPM		4	9 6/16	O			
NO. D.C.	20	PUMP PRESS							
PUMP STROKE	18	ROTARY RPM							
LINER SIZE	4 3/4	WT. ON BIT							

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR
MATERIAL: Spartial 2000 LBS.

HOLE DATA
DRILLED FROM 6620 TO 6620
RATHOLED FROM TO
REAMED FROM TO

SURVEYS DEPTH 6620 ANGLE 1 3/4

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12	2PM	MEASURE OUT
2PM		CHANGE ROLLERS & FINS
	2:45	ON BUTTON REAMER
2:45	3:15	SLIP DRLG LINE
3:15	3:45	SER RIG + BOPS
3:45		RUN IN PICK UP
	4:30	REAMER SUB
4:30	6:45	BREAK CIRC
6:45		WAIT BLOW IN
6:45		CIRC THROUGH KILL LINE
	8	MIX WAIT MATERIAL

DAY WORK RATES: W.O.P HRS. MIN. W.O.O.P HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8:00 A M TO 4:00 P M
DRILLER Duane Clark

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.	RUN
SIZE D.C.	6 3/4	PUMP SPM	56	4	6 6/16	R	8	8	1
NO. D.C.	20	PUMP PRESS	1400						
PUMP STROKE	18	ROTARY RPM	75						
LINER SIZE	4 3/4	WT. ON BIT	13						

MUD TEST DATA TIME	WT	VIS	W.L.	P.H.
8	9.1	47		
10	9.1	50		
12	9.3	52		
2:45	9.2	52		

MUD ADDED THIS TOUR
MATERIAL: Wt Mat 12,500 LBS.

HOLE DATA
DRILLED FROM 6620 TO 6628
RATHOLED FROM TO
REAMED FROM TO

SURVEYS DEPTH ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8:00		Circ through kill line mixing wt Mat for kill wt fluid
9:30	10:30	Gen Supt Clegg to location & Circ on bottom
10:30		Drilling 6628 to 6638

DAY WORK RATES: W.O.P HRS. MIN. W.O.O.P HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4:00 P M TO 12:00 M
DRILLER Robert White

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.	RUN
SIZE D.C.	6 3/4	PUMP SPM	56	4	6 6/16	R	14	2	2
NO. D.C.	20	PUMP PRESS	1750						
PUMP STROKE	18	ROTARY RPM	75						
LINER SIZE	4 3/4	WT. ON BIT	13						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.
4	9.2	55		
6	9.2	53		
8	9.2	52		
10	10	53		

MUD ADDED THIS TOUR
MATERIAL: ~~Gel~~ Fuel 70 BBLS
Lignosul 20 SKS
Carbona 40 SKS
Diuton 10 SKS

HOLE DATA
DRILLED FROM 6628 TO 6638
RATHOLED FROM TO
REAMED FROM TO

SURVEYS DEPTH ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4:00		Circulate Sample to Texaco Origds
4:45	5:45	Drilling
5:45	7:00	Circulate to build Volume and Condition Mud for Coring.

DAY WORK RATES: W.O.P HRS. MIN. W.O.O.P HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED D Bank Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE _____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM FC-212-A (TEC) 3-65

REPORT NUMBER 102
FIELD Bonnie Lake
LEASE
WELL NO. I-72
LOCATION Texaco Nuga
PROVINCE N.W.T.

TEXACO EXPLORATION COMPANY
DAILY DRILLING WELL REPORT

DATE Jan 13/67

CONTRACTOR Cascade Drlg

ROTARY ☑ SERVICE ☐

RIG NO. 4

DRILLER Robert Willis

MORNING TOUR 12 P M. TO 8 A M

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	4¾	PUMP SPM	50	3	6¼	J	178	11¾
NO. D.C.	20	PUMP PRESS	2050					
PUMP STROKE	18	ROTARY RPM	75					
LINER SIZE	4½	WT. ON BIT	13					

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.
2	9.0	50		
4	9.0	52		
6	9.0	50		
8	9.0	50		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
9978	9981				

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12	3	DRLG
3	3½	SER RIG + B.O.P.
3½	4½	CONN.
4½	8	DRLG

DAY WORK RATES

	W.O.P. HRS.	W.O.P. MIN.	W.O.D. HRS.	W.O.D. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DRILLER Robert Manning

DAYLIGHT TOUR 8 A M TO 4 P M

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	4¾	PUMP SPM	50	3	6¼	J	201	19½
NO. D.C.	20	PUMP PRESS	2050					
PUMP STROKE	18	ROTARY RPM	75					
LINER SIZE	4½	WT. ON BIT	13					

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.
8	9.0	52		
10	9.0	50		
12	9.0	50		
2	9.0	50		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
2	2	DRLG
2	2½	SER RIG
2½	4	CIRC + COND FOR TRIP
4	8	DRLG

DAY WORK RATES

	W.O.P. HRS.	W.O.P. MIN.	W.O.D. HRS.	W.O.D. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DRILLER Emeneluk

EVENING TOUR 4:00 P M TO 12:00 M

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	4¾	PUMP SPM	50	3	6¼	J	279	25
NO. D.C.	20	PUMP PRESS	2050					
PUMP STROKE	18	ROTARY RPM	75					
LINER SIZE	4½	WT. ON BIT	13					

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.
4	9.1	47		
6	9.1	47		
8	9.1	47		
10				

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
N.L.			

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
10	12	Tight hole - Lower Packing on D.S. w/ Pump - See Rig 1
12	15	Circulating w/ O.B.E.
15	16	Leak off Drop Survey
16	18	POH for Bit (Measure out)

DAY WORK RATES

	W.O.P. HRS.	W.O.P. MIN.	W.O.D. HRS.	W.O.D. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED O Rauk CU. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE _____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PD-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 1021
FIELD Bonnie Lake
LEASE
WELL NO. J-72
LOCATION Texaco N.W.A.
PROVINCE Alta.

CONTRACTOR Cascade Drlg DATE Jan 12/67

RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 M. TO 8 A M — DRILLER Robert Curtis

OPERATING DATA

SIZE D.C.	4 3/4	PUMP SPM	50
NO. D.C.	20	PUMP PRESS	2050
PUMP STROKE	18	ROTARY RPM	75
LINER SIZE	4 3/4	WT. ON BIT	13,000

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
39	6 7/8	◇	131	4 3/4

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
1200	9.0	47		
400	9.0	50		
600	9.0	50		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
DRILCO	30 BBL		
IMPERMUL	400 #		
DURATONE	150 #		
GEL TONE	200 #		

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
9914	9934				

SURVEYS DEPTH / ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
1200	515	DRLG
515	545	CHANGE GLAND PACKING
545	800	DRLG

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A M TO 4 P M — DRILLER Robert Manning

OPERATING DATA

SIZE D.C.	4 3/4	PUMP SPM	50
NO. D.C.	20	PUMP PRESS	2050
PUMP STROKE	18	ROTARY RPM	75
LINER SIZE	4 3/4	WT. ON BIT	13,000

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
39	6 7/8	◇	113	4 3/4

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
8	9.0	52		
10	9.0	54		
12	9.0	53		
2	9.0	52		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
9914	9934				

SURVEYS DEPTH / ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8	11	Drlg
11	12	Circ & Cond for Trip
12	1	Survey & Drop Tool
1	2	Trip
2	3	Wash & Ream
3	7	Drlg
7	8	Circ & Cond for Trip
8	4	Trip

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M TO 12 M — DRILLER Richardson

OPERATING DATA

SIZE D.C.	4 3/4	PUMP SPM	52
NO. D.C.	20	PUMP PRESS	2050
PUMP STROKE	18	ROTARY RPM	75
LINER SIZE	4 3/4	WT. ON BIT	15

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
39	6 7/8	◇	155	5 1/4

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
400	9.0	47		
6	9.0	47		
8	9.0	48		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
N.L.			

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
9914	9938				

SURVEYS DEPTH / ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
400	800	Drlg w/ A B.T.
800	845	Pull 9 Stands to Repair Swivel
845	1130	Install new wash Pipe & Pack
1130	1200	Rig up & Break Circulation Hook Down Drillers.

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED _____ Co. R.

D/W FOOTAGE THIS 24 HRS. _____ DATE _____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PD-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 101
FIELD ~~BOUNE LAKE~~
LEASE
WELL NO. Fa 72
LOCATION TEXACO Nitla,
PROVINCE N. W. T.

CONTRACTOR CASCADE DRILLING DATE JAN 11/67
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 P M. TO 8 A M DRILLER Robert Gullard.

OPERATING DATA

SIZE D.C.	4¾	PUMP SPM	50
NO. D.C.	20	PUMP PRESS	2000
PUMP STROKE	18	ROTARY RPM	75
LINER SIZE	4¾	WT. ON BIT	13

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
35	6 1/16	◇	62	20¾

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
12 00	9.2	57		
200	9.2	55		
400	9.2	55		
600	9.2	53		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
9245	9865				

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12 00	12 30	SER RIG & B.O.P's
12 30	1 00	REPAIR AIRLINE VALVE ON PUMP
1 00	8 00	DRLG.

DAY WORK RATES

W.O.P HRS.	W.O.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A M TO 4 P M DRILLER Robert Mearing

OPERATING DATA

SIZE D.C.	4¾	PUMP SPM	50
NO. D.C.	20	PUMP PRESS	2000
PUMP STROKE	18	ROTARY RPM	75
LINER SIZE	4¾	WT. ON BIT	13

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
39	6 1/16	◇	92	28¼

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
8	9.2	55		
10	9.2	54		
12	9.2	52		
2	9.2	54		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Expanded Mud	900 Sx		

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
9245	9865				

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8	1	Rig
1	2	Ser Rig & Bops
2	4	Drlg.

DAY WORK RATES

W.O.P HRS.	W.O.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M TO 8 P M DRILLER Drewchuk

OPERATING DATA

SIZE D.C.	4¾	PUMP SPM	50
NO. D.C.	20	PUMP PRESS	2000
PUMP STROKE	18	ROTARY RPM	75
LINER SIZE	4¾	WT. ON BIT	13

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
37	6 1/16	◇	111	36

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
4 00	9.2	52		
6 00	9.2	54		
8 00	9.2	50		
6 00	9.1	47		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Drispac	2½	25½	

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
9245	9865				

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4 00	6 00	Drilling w/ 9 Bit.
6 00	6 30	Connection - Ser Rig
6 30	8 00	Drilling

DAY WORK RATES

W.O.P HRS.	W.O.P MIN.	W.O.O.P HRS.	W.O.O.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED _____ Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE _____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PD-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 100
FIELD Bodo Canyon
LEASE
WELL NO. J-72
LOCATION Texaco M-69
PROVINCE Alberta

CONTRACTOR Cascade Drlg.
RIG NO. 19
DATE June 10
ROTARY ☑ SERVICE ☐
DRILLER Robert Whitford

MORNING TOUR 12 M. TO 8 A M

OPERATING DATA

SIZE D.C.		PUMP SPM	
NO. D.C.		PUMP PRESS	
PUMP STROKE		ROTARY RPM	
LINER SIZE		WT. ON BIT	

BIT DATA

NO.	SIZE	TYPE	FT. TAGE	HRS. RUN
39	6 1/8	C		

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
9813					

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.
1200	1215	Rig Service				
1215	230	Trip out w/ Core BBL.				
230	400	Recover Core 45ft BBL.				
400	430	Stand Core BBL in Drk.				
430	500	Slip Drlg Line.				
500	745	Trip in w/ 4 B.T.				
		Ream 5 meter Hole Bottom				
745	800	Pick Core				
		Picked up 3 pt. Ream. & Layed Down 3 Sub. & 6 3/4 Hole D.C.				
		Following Above Rmk.				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A M TO 4 P M

OPERATING DATA

SIZE D.C.	6 3/4	PUMP SPM	52
NO. D.C.	12	PUMP PRESS	1200
PUMP STROKE	10	ROTARY RPM	80
LINER SIZE	6 1/2	WT. ON BIT	6000

BIT DATA

NO.	SIZE	TYPE	FT. TAGE	HRS. RUN
39	6 1/8	C	0	

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
10	9.2	64		
12	9.2	64		
2	9.2	64		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
20 Bbl Diesel			
300 Bbl Water			

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
9813	9822				

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.
8	9	Clean Location				
9	12	Slip & Cut Drlg Line				
12	1	Trip in Bit				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DRILLER Robert Manning

EVENING TOUR 4:00 P M TO 12:00 M

OPERATING DATA

SIZE D.C.	6 3/4	PUMP SPM	50
NO. D.C.	12	PUMP PRESS	1200
PUMP STROKE	10	ROTARY RPM	80
LINER SIZE	6 1/2	WT. ON BIT	6000

BIT DATA

NO.	SIZE	TYPE	FT. TAGE	HRS. RUN
39	6 1/8	C	42	23 1/2

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
4	9.2	64		
8	9.2	64		
12	9.2	53		
10	9.2	53		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
9822	9864				

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.O.P. HRS.	W.O.O.P. MIN.
12:00	4:00	Drilling w/ 6 Bit				
4:00	6:00	Replace 1 Hand Packing on Pump #2				
6:00	12:00	Drilling				
Hrs		Work on Shear-Relief Relief Valve #1 Pump washed out.				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

D/W FOOTAGE THIS 24 HRS. _____

SIGNED _____ Co. R.

DATE _____

CONTINUOUS FORMS (ALBERTA) LTD.

IS YOUR REPORT COMPLETE?

FORM PCI-312-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 99
FIELD Bowl Lake
LEASE
WELL NO. J-72
LOCATION Texaco Nat A
PROVINCE N.W.T.

CONTRACTOR Cascade Drilling DATE Jan 9/68
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 M. TO 8 A M

DRILLER Robert Gurbo

OPERATING DATA			
SIZE D.C.	4¾	PUMP SPM	40
NO. D.C.	21	PUMP PRESS	1823
PUMP STROKE	18	ROTARY RPM	75
LINER SIZE	4¾	WT. ON BIT	11,000

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
38	6 1/16	O	21	23¼

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
	9.2	56		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
9747	9764				

SURVEYS: DEPTH / ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
1200	545	CUTTING CORE # 2
545	600	MAKE REPAIRS
600	800	CORING

DAY WORK RATES W.O.P / W.O.C.R — HRS. / MIN. / HRS. / MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A M TO 4 P M

DRILLER Robert Manning

OPERATING DATA			
SIZE D.C.	4¾	PUMP SPM	40
NO. D.C.	21	PUMP PRESS	1825
PUMP STROKE	18	ROTARY RPM	75
LINER SIZE	4¾	WT. ON BIT	10M

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
38	6 1/16	O	42	17¾

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
8	9.2	57		
10	9.2	57		
12	9.2	57		
2	9.2	58		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
2 Oil Dry			

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
9747	9793				

SURVEYS: DEPTH / ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8	4	Cut 46 Core #2

DAY WORK RATES W.O.P / W.O.C.R — HRS. / MIN. / HRS. / MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4:00 P M TO 12 00 M

DRILLER D. Beaudrault

OPERATING DATA			
SIZE D.C.	4¾	PUMP SPM	40
NO. D.C.	21	PUMP PRESS	1850
PUMP STROKE	18	ROTARY RPM	75
LINER SIZE	4¾	WT. ON BIT	11,000

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
38	6 1/16	O	60	23¼

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
4	9.2	58		
6	9.2	57		
8	9.2	57		
10	9.2	58		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Nil.			

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
9793	9853				

SURVEYS: DEPTH / ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Core #2 - 9793 - 9803 - 60
24 CHRISTENSON CUT 60'
REC 60' CORE CUT IN 23¼ HRS

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4:00	6:00	Cutting Core #2
6:00	6:30	Connection - Service Rig
6:30	11:00	Coring
11:00	12:00	Hoist w/Core #2

DAY WORK RATES W.O.P / W.O.C.R — HRS. / MIN. / HRS. / MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

D\W FOOTAGE THIS 24 HRS. _____

SIGNED D. Beaudrault Co. R.

DATE _____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 98
FIELD Bowie Lake
LEASE
WELL NO. F-22
LOCATION Texaco Mine A
PROVINCE N.W.T.

CONTRACTOR Cascade Drlg DATE Jan 8/67

RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 P M. TO 6 A M DRILLER Robert Sullivan

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	4 3/4	PUMP SPM	52	3A	6 1/4	O	118	38 3/4
NO. D.C.	20	PUMP PRESS	1400					
PUMP STROKE	15	ROTARY RPM	80					
LINER SIZE	5 3/4	WT. ON BIT	14					

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE
9729	9738						

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.F. HRS.	W.O.F. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.
12P	3 15	DRLG				
315	330	CHANGE VALVE CAP GASKET in PUMP & BREAK CIRC				
330		TO DRILL PSI INCREASED				
	413	TO 2200 lbs W/ 50 S.P.M.				
413	430	CHANGE GLAND PACKING				
430	500	WORK BIT TO BTM				
500	600	DRILL PSI NORMAL				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A M TO 4 P M DRILLER Robert Manning

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	4 3/4	PUMP SPM	52	3A	6 1/4	O	123	41 1/2
NO. D.C.	20	PUMP PRESS	1500					
PUMP STROKE	15	ROTARY RPM	80					
LINER SIZE	5 3/4	WT. ON BIT	14					

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
10 A	65	65						
10 P	72	65						

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE
9738	9743						

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.F. HRS.	W.O.F. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.
8 A	9	Drill W/O Bit				
9	10	Change out Swivel Packing				
10	12	Drill				
12	1	Pressure up				
1	2	Work Drill Stock				
2	3	Pull 3 Stands				
3	4	Fish Core Barrel				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M TO 12 Mid M DRILLER Sullivan

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	4 3/4	PUMP SPM	40	3A	6 1/4	J	2	4 2
NO. D.C.	21	PUMP PRESS	1650	RR				
PUMP STROKE	15	ROTARY RPM	75					
LINER SIZE	5 3/4	WT. ON BIT	11					

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
Mid	72	59						

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE
9743	9747						

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Core #2 - (9743 - 9747)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.F. HRS.	W.O.F. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.
Mid	4	Service Rig Check Blocks Tanks				
4	5	Pick up Core Barrel				
		Bottom hole DC Stab				
5	6	1 Bumper Sub				
6	6 30	Slip Drilling Line				
6 30	9	Trip in w/ Core Barrel				
9	10	Circ to bottom & drop				
	10	Ball -				
10	12	Cutting Core #2				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. 18 TOTAL DRLG TIME THIS 24 HRS. 15 TOTAL DAY WORK THIS 24 HRS. 24

HRS. WITH DRILL PIPE HRS. WITHOUT DRILL PIPE

D\W FOOTAGE THIS 24 HRS.

SIGNED Co. R.

DATE

IS YOUR REPORT COMPLETE?

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 97
FIELD Bonnie Lake
LEASE
WELL NO. F-72
LOCATION Texaco Nbr A
PROVINCE N. W.T.

CONTRACTOR Cascade Drlg DATE Jan 7/66

RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 P M. TO 8 A M.

DRILLER Robert Rudko

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	4¾	PUMP SPM	52	3A	6¼	O		
NO. D.C.	20	PUMP PRESS	1375					
PUMP STROKE	18	ROTARY RPM	75					
LINER SIZE	4¾	WT. ON BIT	9M					

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
8	92	65						

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO	SURVEYS DEPTH	SURVEYS ANGLE
9654	9674						

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
1200	1215	Circ R.C. & T.O.P.S
1215	500	DRLG w/ O Bit.

DAY WORK RATES

W.O.F. HRS.	W.O.F. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8A M. TO 4P M.

DRILLER Robert Manning

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	4¾	PUMP SPM	50	3A	6¼	O	65	24¾
NO. D.C.	20	PUMP PRESS	1350					
PUMP STROKE	18	ROTARY RPM	75					
LINER SIZE	4¾	WT. ON BIT	9M					

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
8	92	65			Invermul 600			
12	92	64						
3	92	64						

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO	SURVEYS DEPTH	SURVEYS ANGLE
9674	9739						

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8	4	Drlg w/o Bit

DAY WORK RATES

W.O.F. HRS.	W.O.F. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4:00 P M. TO 12:00 A M.

DRILLER Schaufele

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	4¾	PUMP SPM	52	3A	6¼	O	39	32¼
NO. D.C.	20	PUMP PRESS	1400			Chas		
PUMP STROKE	18	ROTARY RPM	80					
LINER SIZE	4¾	WT. ON BIT	14					

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
4	9.2	60			Diesel Oil 300 bbls			
6	9.2	58						
8	9.2	56						
10	9.2	54						

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO	SURVEYS DEPTH	SURVEYS ANGLE
9713	9739						

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4:00	6:45	Drilling w/ 9¾ Bit Geco 6-75 RPM
6:45	7:00	Service Rig (Connection)
7:00	12:00	Drilled 9713 to 9739 w/ 8 on 80 RPM.

DAY WORK RATES

W.O.F. HRS.	W.O.F. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED _____ Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE _____

IS YOUR REPORT COMPLETE?

FORM PD-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 96
FIELD BOUIE LAKE
LEASE
WELL NO. J-122
LOCATION TEXACO AREA.
PROVINCE N.W.T.

CONTRACTOR CASCADE DRILLING DATE JAN 6/67
RIG NO. 15 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 P M. TO 8 A M DRILLER ROBERT WHITE

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	4 3/4	PUMP SPM		36A	6 7/8	4	33	16 3/4
NO. D.C.	21	PUMP PRESS						
PUMP STROKE	18	ROTARY RPM						
LINER SIZE	4 3/4	WT. ON BIT						

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.
MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM 9630 TO 9630 | RATHOLED FROM TO | REAMED FROM TO
SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

CUT & CORE #1 BY CHRISTENSEN 9597 - 9630 CUT 33' REC 33' CORE CUT IN 16 3/4 HRS USED 7 BOXES

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
1200	1230	SER RIG & FLOORS
1230	300	WORK ON OIL SYSTEM IN DRAWS & REPAIR CATSHAFT CHAIN
300	545	PULL CORE #1
546	800	RECOVER CORE - SER RIG & STAND SAME IN DRK.
		FULL CORE RECOVERY

DAY WORK RATES: W.O.P. HRS. MIN. | W.O.D.P. HRS. MIN.
TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR M TO M DRILLER Robt Manning

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	4 3/4	PUMP SPM	50	32A	6 7/8	4		
NO. D.C.	20	PUMP PRESS	1400					
PUMP STROKE	18	ROTARY RPM	70					
LINER SIZE	4 3/4	WT. ON BIT	9M					

MUD TEST DATA: TIME 2 | WT. 92 | VIS 72 | W.L. | P.H.
MUD ADDED THIS TOUR: MATERIAL / | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM TO | RATHOLED FROM TO | REAMED FROM TO
SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
7	8 30	SER RIG - FLOORS
8 30	9	TRIP FOR CORE
9	9 30	PICK UP CORE BARREL & STABILIZER
9 30	10	SERVICE SAME
10	12	TRIP IN
12	12 30	TAG BOTTOM & CIRC
12 30	7	DRILL 6 1/4 HOLE

DAY WORK RATES: W.O.P. HRS. MIN. | W.O.D.P. HRS. MIN.
TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 400 M. TO 1200 M DRILLER Shawchuk

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	4 3/4	PUMP SPM	52	32A	6 7/8	4	34	9
NO. D.C.	20	PUMP PRESS	1400					
PUMP STROKE	18	ROTARY RPM	70					
LINER SIZE	4 3/4	WT. ON BIT	9					

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.
MUD ADDED THIS TOUR: MATERIAL Base Oil | LBS. 200 bbls | MATERIAL Diesel | LBS. 400

HOLE DATA: DRILLED FROM 9630 TO | RATHOLED FROM TO | REAMED FROM TO
SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
400	6	Drilled 6 1/4 hole
6	6 30	Connection - Service
6 30	7 15	Drlg
7 15	12 00	Drlg.

DAY WORK RATES: W.O.P. HRS. MIN. | W.O.D.P. HRS. MIN.
TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. TOTAL DRLG TIME THIS 24 HRS. TOTAL DAY WORK THIS 24 HRS. 8
HRS. WITH DRILL PIPE HRS. WITHOUT DRILL PIPE SIGNED Co. R.
D\W FOOTAGE THIS 24 HRS. DATE

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PD-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 91
FIELD Bull Lake
LEASE
WELL NO. Tutt
LOCATION Texaco Nisku
PROVINCE Alberta

CONTRACTOR Cascade Drlg DATE Jan 5/67

RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 M TO 8 AM

DRILLER Robert Willis

OPERATING DATA

SIZE D.C.	4¾	PUMP SPM	43
NO. D.C.	21	PUMP PRESS	1175
PUMP STROKE	18	ROTARY RPM	60
LINER SIZE	4¾	WT. ON BIT	8M

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
3A	6½	D	5	3¾

MUD TEST DATA

TIME	WT.	VIS.	W.L.	P.H.
	9.2	85		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
9597	9602				

SURVEYS DEPTH / ANGLE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12	12¼	SER R.C. & R.O.P.'S
12¼	3	Run in w/ 4¾ core BBL.
3	4¼	Circ. To Btm & Drop Ball
4¼	8	Out Core #1

DAY WORK RATES

	W.O.P HRS.	W.O.P MIN.	W.O.D.P HRS.	W.O.D.P MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A M TO 4 P M

DRILLER Robert Manning

OPERATING DATA

SIZE D.C.	4¾	PUMP SPM	
NO. D.C.	21	PUMP PRESS	1200
PUMP STROKE	18	ROTARY RPM	77
LINER SIZE	4¾	WT. ON BIT	

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
3A	6½	D	24	11¾

MUD TEST DATA

TIME	WT.	VIS.	W.L.	P.H.
8	9.2	85		
12	9.2	85		
2	9.2	96		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
9602	9621				

SURVEYS DEPTH / ANGLE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8	4	Cut & Core #2

DAY WORK RATES

	W.O.P HRS.	W.O.P MIN.	W.O.D.P HRS.	W.O.D.P MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4:00 P M TO 12:00 M

DRILLER Quinnelak

OPERATING DATA

SIZE D.C.	4¾	PUMP SPM	43
NO. D.C.	21	PUMP PRESS	900
PUMP STROKE	18	ROTARY RPM	90
LINER SIZE	4¾	WT. ON BIT	M

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
3A	6½	D	23	16¾

MUD TEST DATA

TIME	WT.	VIS.	W.L.	P.H.
		7		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
9621					

SURVEYS DEPTH / ANGLE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4:00	4:30	Comp. from Service Rig
4:30	9:30	Cutting Core #2
9:30	10:30	Core Jammed
10:30	12:00	Pull Out
		Lay Down Core
		Repair Chain

DAY WORK RATES

	W.O.P HRS.	W.O.P MIN.	W.O.D.P HRS.	W.O.D.P MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Core #1 - 9597 - 9602

Core #2 - 9602 - 9630

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED D Bauck Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE _____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PD-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER
FIELD Bluie Lake
LEASE
WELL NO. I-72
LOCATION Texaco W.F.A.
PROVINCE N.W.T.

CONTRACTOR Cascade Drlg DATE Jan 4/67

RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 P M. TO 8 A M

DRILLER Robert Webb

OPERATING DATA

SIZE D.C.	4¾	PUMP SPM	46
NO. D.C.	21	PUMP PRESS	1800
PUMP STROKE	18	ROTARY RPM	55
LINER SIZE	5½	WT. ON BIT	18

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
#35	6"	H47	9	6

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
9544	9589				

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Three green shanged Heels
+ Four 6 1/4" on Tipump
for coming Overtime
O.K. by Texaco

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
12	12½	Ser + Brk
12½	330	Drlg.
330	700	Trip out
700	840	Run DC's

DAY WORK RATES

W.O.D.P HRS.	W.O.D.P MIN.	W.O.D.P HRS.	W.O.D.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A M TO 4 P M

DRILLER Robert E McInnis

OPERATING DATA

SIZE D.C.	9¾	PUMP SPM	46
NO. D.C.	20	PUMP PRESS	1800
PUMP STROKE		ROTARY RPM	53
LINER SIZE	5½	WT. ON BIT	18

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
5	6¼	H47	6	4¾

MUD TEST DATA

TIME	WT	VIS	W.L.	P.H.
2 PM	72	76		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Lignite	25#		
Imperial	660		

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
9589	9595				

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
9	9½	Ser + Brk
9½	12	Drlg
12	12½	Ser Rig
12½	16	Drlg
16	17	Circ
17	18½	Short trip
18½	19	Circ
19	20	Drop Survey
20	21	Trip out
21	22	Run DC's
22	24	Trip in

DAY WORK RATES

W.O.D.P HRS.	W.O.D.P MIN.	W.O.D.P HRS.	W.O.D.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M TO 12 M

DRILLER Dannelak

OPERATING DATA

SIZE D.C.	9¾	PUMP SPM	46
NO. D.C.	21	PUMP PRESS	1800
PUMP STROKE	18	ROTARY RPM	55
LINER SIZE	5½	WT. ON BIT	18

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
5	6¼	H47	8	6¾
6	6 11/16	S		

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
4 PM	73	75		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Gel	10	22	

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
9595	9632				

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Removed 2 Damaged Bolts Rubbers off D.P

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
9	9½	Drlg
9½	10	Ser Rig
10	10½	Drlg
10½	11	Circ
11	11½	Short trip
11½	12	Circ
12	12½	Drop Survey
12½	13	Trip out
13	14	Run DC's
14	15	Trip in
15	15½	Pick up & Make up Core Bbl
15½	16	Slip Drlg line
16	24	Trip in

DAY WORK RATES

W.O.D.P HRS.	W.O.D.P MIN.	W.O.D.P HRS.	W.O.D.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED _____ Co. R.

D/W FOOTAGE THIS 24 HRS. _____ DATE _____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 89
FIELD Bouie Lake
LEASE
WELL NO. J-72
LOCATION Texaco Area,
PROVINCE N.W.T.

CONTRACTOR Cascade Drlg DATE Jan 3/67

RIG NO. 15 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 M. TO 8 A M

DRILLER Robert Ashton

OPERATING DATA

SIZE O.C.	4 3/4	PUMP SPM	
NO. O.C.	21	PUMP PRESS	1500
PUMP STROKE	16	ROTARY RPM	55
LINER SIZE	5 1/2	WT. ON BIT	20M.

BIT DATA

NO.	SIZE	TYPE	FT. AGE	HRS. RUN
3	6 1/8	HBT		

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
	94	85		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.
Ironbond	1100		
20 BBL Diesel			

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
9267	9580				

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
1200	1215	Ser Rig + B.O.P's
1215	630	DRLG
630	745	Work on Pumps
745	60	DRLG.

DAY WORK RATES

	W.O.P HRS.	W.O.P MIN.	W.O.D.P HRS.	W.O.D.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A M TO 4 P M

DRILLER Robert Manning

OPERATING DATA

SIZE O.C.	4 3/4	PUMP SPM	
NO. O.C.	21	PUMP PRESS	
PUMP STROKE	16	ROTARY RPM	
LINER SIZE	5 1/2	WT. ON BIT	

BIT DATA

NO.	SIZE	TYPE	FT. AGE	HRS. RUN	
3	6 1/8	HBT	183	16	199

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Cut 2 stds Kubbers out 2 stds Kubbers from 3 std Basket Box

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
8	330	Ser Rig + B.O.P's
330	12	Change Head Rubber Inst Pump Liner Hones
12	1	Drlg
1	145	Replace Hyd Quill
145	4	Pull out

DAY WORK RATES

	W.O.P HRS.	W.O.P MIN.	W.O.D.P HRS.	W.O.D.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M TO 12 M M

DRILLER Drewchuk

OPERATING DATA

SIZE O.C.	4 3/4	PUMP SPM	46
NO. O.C.	21	PUMP PRESS	1500
PUMP STROKE	16	ROTARY RPM	55
LINER SIZE	5 1/2	WT. ON BIT	16

BIT DATA

NO.	SIZE	TYPE	FT. AGE	HRS. RUN	
3	6 1/8	HBT	16	199	
4	6 1/8	H7	4	23	16

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
9330	9346				

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Note Jan 1st. Had to change 3 Rubbers off of Drill Pipe - Rubbers Lose on Pipe and Slide on to Tool Joints Alot of Rubbers Take up from Moving on Pipe in hole -

Jan 3 - Changed 4 Damaged Rubbers off of Drill Pipe

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
4	415	Service Rig
415	530	Finish Trip out
530	545	Change Bit + Check Bling Rams
545	600	Trip in
600	8	Drlg Pick + Wash to Bottom No Fill
8	12	Drilling

DAY WORK RATES

	W.O.P HRS.	W.O.P MIN.	W.O.D.P HRS.	W.O.D.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

D\W FOOTAGE THIS 24 HRS. _____

SIGNED _____ Co. R.

DATE _____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PD-212-A (T&C) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 88
FIELD Bull Lake
LEASE
WELL NO. F-72
LOCATION Texaco Area
PROVINCE Alta.

CONTRACTOR Cascade Drlg DATE Jan 2/67
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 P M. TO 8 A.M.

DRILLER Robert Austin

OPERATING DATA				BIT DATA					MUD TEST DATA					MUD ADDED THIS TOUR			
				NO.	SIZE	TYPE	FTAGE	HRS. RUN	TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.	4¾	PUMP SPM			6¼	HTC	8	5¾						Lignosol	1400		
NO. D.C.	21	PUMP PRESS	1650								110			Quebracho	500		
PUMP STROKE		ROTARY RPM	45														
LINER SIZE	5½	WT. ON BIT	7/8														

HOLE DATA						SURVEYS	
DRILLED		RATHOLED		REAMED		DEPTH	ANGLE
FROM	TO	FROM	TO	FROM	TO		
9555	9563						

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR			DAY WORK RATES			
			W.O.P		W.O.D.P	
FROM	TO	DESCRIPTION OF OPERATION	HRS.	MIN.	HRS.	MIN.
1200	1230	Rig Service & Boops				
1230	1245	Pick up Kelly & Prime #1 Pump.				
1245	215	Work Bit To Btm - Ream Under Base Hole.				
215	800	Drlg.				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A M TO 4 P M

DRILLER Robert Manning

OPERATING DATA				BIT DATA					MUD TEST DATA					MUD ADDED THIS TOUR			
				NO.	SIZE	TYPE	FTAGE	HRS. RUN	TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.	4¾	PUMP SPM		2	6¼	HTC	9	9½						Lignosol	3200		
NO. D.C.	26	PUMP PRESS		3	"	HSJ											
PUMP STROKE		ROTARY RPM															
LINER SIZE	5½	WT. ON BIT															

HOLE DATA						SURVEYS	
DRILLED		RATHOLED		REAMED		DEPTH	ANGLE
FROM	TO	FROM	TO	FROM	TO		

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR			DAY WORK RATES			
			W.O.P		W.O.D.P	
FROM	TO	DESCRIPTION OF OPERATION	HRS.	MIN.	HRS.	MIN.
8	9:30	Slip Drlg Line				
9:30	2	Drlg				
2	2:30	Circ & Pump Pills				
2:30	4	Trip out				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M TO 12 M.

DRILLER Duncan Clark

OPERATING DATA				BIT DATA					MUD TEST DATA					MUD ADDED THIS TOUR			
				NO.	SIZE	TYPE	FTAGE	HRS. RUN	TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.	4¾	PUMP SPM	94	3	6¼	HTC	3	2½									
NO. D.C.	21	PUMP PRESS															
PUMP STROKE	6½	ROTARY RPM	54														
LINER SIZE	5½	WT. ON BIT	20														

HOLE DATA						SURVEYS	
DRILLED		RATHOLED		REAMED		DEPTH	ANGLE
FROM	TO	FROM	TO	FROM	TO		
9563	9569						

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR			DAY WORK RATES			
			W.O.P		W.O.D.P	
FROM	TO	DESCRIPTION OF OPERATION	HRS.	MIN.	HRS.	MIN.
4	4:15	Service Rig				
4:15	6:30	Finish Trip in.				
6:30	7:30	Replace Lowchain in Draws.				
7:30	7:45	Break Circ & Clean to bottom				
7:45	10:30	Drilling w/ 15000				
10:30	12	Drilling w/ 20000				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____

D\W FOOTAGE THIS 24 HRS. _____

SIGNED _____ Co. R.

DATE _____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (CANADA) LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 87
FIELD Bonne Lake
LEASE
WELL NO. F-72
LOCATION Texaco Mile A
PROVINCE Alberta

CONTRACTOR Cascade Drilling DATE [redacted] Jan 4/67

RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 P M. TO 8 A M DRILLER Robert Gullette

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	4 3/4	PUMP SPM	41	1	6 1/2	OSC3		
NO. D.C.	21	PUMP PRESS	2400					
PUMP STROKE	14	ROTARY RPM						
LINER SIZE	5 1/2	WT. ON BIT						

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.

MUD ADDED THIS TOUR

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

DAY WORK RATES W.O.P | W.O.O.P

FROM	TO	DESCRIPTION OF OPERATION	HRS.	MIN.	HRS.	MIN.
1200	1230	SER Rig & BOPS				
1230		Circ @ 9431'				
		P.S.I 2400				
		Circ & Work Pipe				
400		#1 Pump Down				
400	630	Work Pipe To 7548 TD				
630	800	Circ & Work Pipe				
		#2 Pump Down				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 A M TO 4 P M DRILLER Robert Manning

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.	4 3/4	PUMP SPM		1	6 1/2	OSC3		
NO. D.C.	21	PUMP PRESS	1500					
PUMP STROKE		ROTARY RPM						
LINER SIZE	5 1/2	WT. ON BIT	15					

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.
7	91	105			Invermul	2500		
					Duratone	1250		
Collect		Mud						

MUD ADDED THIS TOUR

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO
7548	7553				

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

DAY WORK RATES W.O.P | W.O.O.P

FROM	TO	DESCRIPTION OF OPERATION	HRS.	MIN.	HRS.	MIN.
8	930	Ser Rig Check BOP				
930	1130	Circ Condition Mud				
1130	2	Hoist Up Joint Pipe				
2	4	Pull 5 Std				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 P M TO 12 M DRILLER Wasylchuk

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM			6 1/2	OSC3	7	
NO. D.C.		PUMP PRESS			6 7/8	4 3/4		
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.	MATERIAL	LBS.	MATERIAL	LBS.

MUD ADDED THIS TOUR

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

DAY WORK RATES W.O.P | W.O.O.P

FROM	TO	DESCRIPTION OF OPERATION	HRS.	MIN.	HRS.	MIN.
400	800	Hoist For Bit				
400	830	Change Bit & Check Bit & Rams				
830	1200	Trip In				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED Q Bart Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE _____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (CANADA) LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 86
FIELD Bonne Coke.
LEASE
WELL NO. J 72
LOCATION Texaco H-FA.
PROVINCE Alta

CONTRACTOR CASCADE DRILLING DATE DEC 21/66

RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 12 M. TO 8 00 M DRILLER Robert Gilpin

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	F'TAGE	HRS. RUN
SIZE D.C.	4 3/4	PUMP SPM		32	6 1/2	OSC3		
NO. D.C.	21	PUMP PRESS						
PUMP STROKE	18	ROTARY RPM						
LINER SIZE	5 1/2	WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
	9.1	43						

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Kelly 41 FT long

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.
1200	130	CIRC & CONDITION MUD.				
130	215	SER RIG				
215	345	SET KELLY IN RATHOLE FOR OF RATHOLE BASKET START WELDER & WELD				
345	700	RUN 2 STDS IN HOLE FROM DRK & PICK UP 26 SINGLES VERY SLOW GOING IN 25,000 WT ON BIT TO LOWER.				
700	800	PICK UP KELLY 2400 lbs TO MOVE FLUID Fill.				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR ____ M TO ____ M DRILLER ____

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	F'TAGE	HRS. RUN
SIZE D.C.	4 3/4	PUMP SPM		6 1/2		OSC3		
NO. D.C.	21	PUMP PRESS						
PUMP STROKE	18	ROTARY RPM						
LINER SIZE	5 1/2	WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATIO	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.
6	9	SER RIG				
9	12	[illegible]				
12	1	[illegible]				
1	1 1/2	[illegible]				
1 1/2	2	[illegible]				
2	3	[illegible]				
3	3 1/2	[illegible]				
3 1/2	4	[illegible]				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR ____ M TO ____ M Driller [illegible]

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	F'TAGE	HRS. RUN
SIZE D.C.	4 3/4	PUMP SPM	45	6 1/2		OSC3		
NO. D.C.	21	PUMP PRESS						
PUMP STROKE	18	ROTARY RPM	60					
LINER SIZE	5 1/2	WT. ON BIT	3-4					

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
9	9.1	43			180 Gyp 4 Soc			
					Gel 10 Soc			

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURV. YS DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.
6	6 1/2	Reduce Kelly				
6 1/2	7	Drill Cmt w/ Bit				
7	10	Circ-Cond Mud				
10	11	Clean to Bot of Hole				
11	12	Float Collar Go'				
12	12 30	Pressure Test Hydril				
		8 3/4 Pipe rams Both				
		Csg + Surface equip				
12 30	1	to 3000 psi OK				
1	1 30	Drill Float Collar				
		+ Shoe.				
1 30	3 30	Clean out old hole from 9019 to 9100'				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. ____ TOTAL DRLG TIME THIS 24 HRS. ____ TOTAL DAY WORK THIS 24 HRS. ____

HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ SIGNED [signature] Co. R.

D\W FOOTAGE THIS 24 HRS. ____ DATE ____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS [illegible] LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 25
FIELD Bouie Lake
LEASE
WELL NO. J-732
LOCATION Texaco Area
PROVINCE N. W. T.

CONTRACTOR Cascade Drilling DATE Dec 30/66
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 1200 P M. TO 800 A M DRILLER Robert Wallis

OPERATING DATA

SIZE D.C.	4 5/8	PUMP SPM	
NO. D.C.	21	PUMP PRESS	
PUMP STROKE	18	ROTARY RPM	
LINER SIZE	5 1/2	WT. ON BIT	

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN
32	6 1/4	OSC3		

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.
	93			
	91	78		

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	W.O.P MIN.	W.O.P HRS.	W.O.P MIN.
1200	1215	SER Rig & Rig Pp				
1215	1530	Pick up 3½" D.P. & measure same				
1530	1730	Change suction from #2 pump to #3 Storage Tank				
1730	800	Pick up D.P.				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 800 M TO 400 M DRILLER Robert Wallis

OPERATING DATA

SIZE D.C.		PUMP SPM	
NO. D.C.		PUMP PRESS	
PUMP STROKE		ROTARY RPM	
LINER SIZE		WT. ON BIT	

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	W.O.P MIN.	W.O.P HRS.	W.O.P MIN.
800	1000	Pick up D.P.				
1000	1030	Change suction from #2 to #3 Storage Tank & Pump				
1030	1400	Pick up D.P.				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 400 M TO 1200 M DRILLER Day Crew

OPERATING DATA

SIZE D.C.		PUMP SPM	
NO. D.C.		PUMP PRESS	
PUMP STROKE		ROTARY RPM	
LINER SIZE		WT. ON BIT	

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P HRS.	W.O.P MIN.	W.O.P HRS.	W.O.P MIN.
1400	1500	Break circ @ 1200 PSI				
1500	1630	Circ & work pipe				
1630	1700	Work on pumps & clean ice out of valves				
1700	1800	Circ & condition mud @ 5000 FT.				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED _____ Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE _____

IS YOUR REPORT COMPLETE?

FORM FO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 84
FIELD Bovis Lake
LEASE
WELL NO. F-72
LOCATION Texaco Nikaitchuq
PROVINCE N.W.T.

CONTRACTOR Cascade Drilling DATE DEC 29/66

RIG NO. 19 ROTARY ☒ SERVICE ☐

MORNING TOUR 12 00 P.M. TO 8 00 A.M

DRILLER Robert Whitton

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE O.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.
1700	900	Put Cameron B.O.P. To Bether				
900	1000	Welded Thread's w/ 3½" D.P. Rs & Kelly				
1000	1300	Start Top-8 Cpl, Thaw Sher System & Compound. Make Ready To Pick up Kelly.				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 00 M TO 4 00 M

DRILLER Robert Dyment

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE O.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.
800	900	Put up To Put up Kelly				
900	1000	Put up Kelly				
1000	1200	Change out Rams on B.O.P.				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR 4 00 M TO 12 M

DRILLER [illegible]

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE O.C.	4½	PUMP SPM		1	6¾	OSC3		
NO. D.C.	3	PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA DRILLED FROM	TO	RATHOLED FROM	TO	REAMED FROM	TO	SURVEYS DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.
1400	515	Pick up 4½" DC				
515	600	Test DC To 5000 psi				
600	700	Pick up D.P.				
700		Work on S By Pump & Lines To Mud Storage Tank To Pump Mud To Rig Tanks.				
1000	1200	Picking up D.P.				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED _____ Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE _____

IS YOUR REPORT COMPLETE?

FORM PO-212-A (TEC 3-65)

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 83
FIELD Bonito Lake
LEASE
WELL NO. I-721
LOCATION Texaco N.E.A.
PROVINCE N.W.T.

CONTRACTOR Cascade Drilling DATE DEC 28/66

RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 8:00 M. TO 4:00 M

DRILLER Robert Wilson

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM / TO | RATHOLED FROM / TO | REAMED FROM / TO

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.B. HRS. / MIN. | W.O.D.P. HRS. / MIN.

FROM	TO	DESCRIPTION OF OPERATION
		CUT HOLE IN WATER TANK AT CAMP - REAM & WELD SAME.
		PULL CAMERON B.O.P. APART TO CHANGE SEALS & INCORRECT PARTS.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR M. TO M

DRILLER Robert Manning

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM / TO | RATHOLED FROM / TO | REAMED FROM / TO

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.B. HRS. / MIN. | W.O.D.P. HRS. / MIN.

FROM	TO	DESCRIPTION OF OPERATION
8 AM		Pull Cameron B.O.P. apart to change seals & incorrect parts.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR M. TO M

DRILLER D Hamelink

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM / TO | RATHOLED FROM / TO | REAMED FROM / TO

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.B. HRS. / MIN. | W.O.D.P. HRS. / MIN.

FROM	TO	DESCRIPTION OF OPERATION
9:00	17:00	Help Hopkinson fit up & test BOP. Work on mud tanks. Start to Cement Work on Conformist Tanks.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED _____ Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE _____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 82
FIELD BOUE LAKE
LEASE
WELL NO. F-72
LOCATION TEXACO U.S.A.
PROVINCE N.W.T.

CONTRACTOR CASCADE DRILLING DATE DEC 27/66

RIG NO. 5 ROTARY ☑ SERVICE ☐

DRILLER Robert White

MORNING TOUR 8:00 A.M. TO 4:00 P.M

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	F'TAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS DEPTH | ANGLE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
		PREPARE SUB TO WASH RIG & PICK UP ARCTIC RIG & LEASE. HOOK UP CENTRIFUGAL PUMP TO SPARE MUDS TANK HOOK UP CIRC WATER SYSTEM. START #1 LIGHT PLANT

DAY WORK RATES

	W.O.P HRS.	W.O.P MIN.	W.O.P HRS.	W.O.P MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR ____ M TO ____ M DRILLER ____

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	F'TAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS DEPTH | ANGLE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION

DAY WORK RATES

	W.O.P HRS.	W.O.P MIN.	W.O.P HRS.	W.O.P MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR ____ M TO ____ M DRILLER ____

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	F'TAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS DEPTH | ANGLE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION

DAY WORK RATES

	W.O.P HRS.	W.O.P MIN.	W.O.P HRS.	W.O.P MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. ____ TOTAL DRLG TIME THIS 24 HRS. ____ TOTAL DAY WORK THIS 24 HRS. ____

HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ SIGNED ____ Co. R.

D\W FOOTAGE THIS 24 HRS. ____ DATE ____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 81
FIELD BUG LAKE
LEASE
WELL NO. F-221
LOCATION TEXACO N.E.A.
PROVINCE N.W.T.

CONTRACTOR CASCADE DRILLING DATE DEC 26/66

RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 800 A. M. TO 450 P. M DRILLER Robert White

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	F'TAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.
		FINISH RIGGING UP & HOOK ALL LIGHTS TO TANKS FROM D.P.				
		TRY TO START #1 LIGHT PLANT STARTING MOTOR WOULD NOT RUN.				

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR ____ M TO ____ M DRILLER ____

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	F'TAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR ____ M TO ____ M DRILLER ____

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	F'TAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION	DAY WORK RATES W.O.P. HRS.	W.O.P. MIN.	W.O.D.P. HRS.	W.O.D.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. ____ TOTAL DRLG TIME THIS 24 HRS. ____ TOTAL DAY WORK THIS 24 HRS. ____

HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ SIGNED ____ CO. R.

D/W FOOTAGE THIS 24 HRS. ____ DATE ____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PC-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 80
FIELD Bonnie Lake
LEASE
WELL No. J-22
LOCATION Texaco Lease
PROVINCE N. W. T.

CONTRACTOR Cascade Drilling DATE Dec 25th 1966.

RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 805 M. TO 1460 M DRILLER Robert White.

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN	MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.		PUMP SPM															
NO. D.C.		PUMP PRESS															
PUMP STROKE		ROTARY RPM															
LINER SIZE		WT. ON BIT															

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
		Pick up B.O.P.'s & cut off casing. Set B.O.P.'s Davis.
		Casing cut 8" above slips
		Cut off 1780'

DAY WORK RATES W.O.P HRS. MIN. | W.O.O.P HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR ____ M TO ____ M DRILLER ____

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN	MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.		PUMP SPM															
NO. D.C.		PUMP PRESS															
PUMP STROKE		ROTARY RPM															
LINER SIZE		WT. ON BIT															

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION

DAY WORK RATES W.O.P HRS. MIN. | W.O.O.P HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR ____ M TO ____ M DRILLER ____

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN	MUD TEST DATA TIME	WT.	VIS	W.L.	P.H.	MUD ADDED THIS TOUR MATERIAL	LBS.	MATERIAL	LBS.
SIZE D.C.		PUMP SPM															
NO. D.C.		PUMP PRESS															
PUMP STROKE		ROTARY RPM															
LINER SIZE		WT. ON BIT															

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION

DAY WORK RATES W.O.P HRS. MIN. | W.O.O.P HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. ____ TOTAL DRLG TIME THIS 24 HRS. ____ TOTAL DAY WORK THIS 24 HRS. ____

HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ SIGNED ____ Co. R.

D\W FOOTAGE THIS 24 HRS. ____ DATE ____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 77
FIELD BOUVIE LAKE
LEASE
WELL NO. J-72
LOCATION TEXACO A1-A
PROVINCE N.W.T.

CONTRACTOR CASCADE DRILLING DATE DEC 24/66

RIG NO. 9 ROTARY ☑ SERVICE ☐

DRILLER Robert White

MORNING TOUR 600 AM. TO 400 PM

OPERATING DATA			
SIZE D.C.		PUMP SPM	
NO. D.C.		PUMP PRESS	
PUMP STROKE		ROTARY RPM	
LINER SIZE		WT. ON BIT	

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS.RUN

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
		CLEAN UP ☎ & PUMP & PUT TOGETHER. HAULING WATER

DAY WORK RATES

W.O.P HRS.	W.O.P MIN.	W.O.P HRS.	W.O.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR ____ M TO ____ M

DRILLER

OPERATING DATA			
SIZE D.C.		PUMP SPM	
NO. D.C.		PUMP PRESS	
PUMP STROKE		ROTARY RPM	
LINER SIZE		WT. ON BIT	

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS.RUN

MUD TEST DATA

TIME	WT	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION

DAY WORK RATES

W.O.P HRS.	W.O.P MIN.	W.O.P HRS.	W.O.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR ____ M TO ____ M

DRILLER

OPERATING DATA			
SIZE D.C.		PUMP SPM	
NO. D.C.		PUMP PRESS	
PUMP STROKE		ROTARY RPM	
LINER SIZE		WT. ON BIT	

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS.RUN

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS

DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION

DAY WORK RATES

W.O.P HRS.	W.O.P MIN.	W.O.P HRS.	W.O.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. ____ TOTAL DRLG TIME THIS 24 HRS. ____ TOTAL DAY WORK THIS 24 HRS. ____

HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ SIGNED ____ Co. R.

D\W FOOTAGE THIS 24 HRS. ____ DATE ____

IS YOUR REPORT COMPLETE?

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 78
FIELD
LEASE
WELL NO. J72
LOCATION Bovie LK
PROVINCE N.W.T.

CONTRACTOR Cascade Drlg DATE Dec 23/66
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 6 00 A.M. TO 4 00 P.M. DRILLER Robert Gabriel

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H. | MATERIAL | LBS.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | TO | RATHOLED FROM | TO | REAMED FROM | TO

SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.P. HRS. | MIN. | W.O.D.P. HRS. | MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

FROM	TO	DESCRIPTION OF OPERATION
		P/T #1 PUMP TOGETHER WASHING MATTING & FIX LIGHTS P/T UP LINE SPOOLER.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 6 00 A.M. TO 6 00 P.M. DRILLER Shirwchuk

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H. | MATERIAL | LBS.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | TO | RATHOLED FROM | TO | REAMED FROM | TO

SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.P. HRS. | MIN. | W.O.D.P. HRS. | MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

FROM	TO	DESCRIPTION OF OPERATION
		Work on pump clutch Work on mud tanks Clean

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR ____ M TO ____ M DRILLER

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H. | MATERIAL | LBS.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | TO | RATHOLED FROM | TO | REAMED FROM | TO

SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.P. HRS. | MIN. | W.O.D.P. HRS. | MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. ____ TOTAL DRLG TIME THIS 24 HRS. ____ TOTAL DAY WORK THIS 24 HRS. 24

HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ SIGNED [signature] Co. R.

D\W FOOTAGE THIS 24 HRS. ____ DATE ____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 77
FIELD
LEASE
WELL NO. J-22
LOCATION Bouie Lk
PROVINCE NWT

CONTRACTOR Cascade Drlg DATE Dec 22/66
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 900 A.M. TO 400 P.M DRILLER Robert Wilson

OPERATING DATA

SIZE O.C.		PUMP SPM	
NO. O.C.		PUMP PRESS	
PUMP STROKE		ROTARY RPM	
LINER SIZE		WT. ON BIT	

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS

DEPTH	ANGLE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
		Rigging up Preparing & Washing Pump House

DAY WORK RATES

W.O.F HRS.	W.O.F MIN.	W.O.P HRS.	W.O.P MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 600 A.M. TO 400 P.M. DRILLER Skwarchuk

OPERATING DATA

SIZE O.C.		PUMP SPM	
NO. O.C.		PUMP PRESS	
PUMP STROKE		ROTARY RPM	
LINER SIZE		WT. ON BIT	

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS

DEPTH	ANGLE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
		Rotary Grease Bottoms Pick up Kelly Pull 6 Jts of Kelly Pick up Jts & Kelly Set on Floor

DAY WORK RATES

W.O.F HRS.	W.O.F MIN.	W.O.P HRS.	W.O.P MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR ____ M. TO ____ M. DRILLER

OPERATING DATA

SIZE O.C.		PUMP SPM	
NO. O.C.		PUMP PRESS	
PUMP STROKE		ROTARY RPM	
LINER SIZE		WT. ON BIT	

BIT DATA

NO.	SIZE	TYPE	FTAGE	HRS. RUN

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS

DEPTH	ANGLE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION

DAY WORK RATES

W.O.F HRS.	W.O.F MIN.	W.O.P HRS.	W.O.P MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. ____ TOTAL DRLG TIME THIS 24 HRS. ____ TOTAL DAY WORK THIS 24 HRS. ____

HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ SIGNED ____ Co. R.

D\W FOOTAGE THIS 24 HRS. ____ DATE ____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 76
FIELD
LEASE
WELL NO. FT2
LOCATION Bowie Lk
PROVINCE Alta.

CONTRACTOR Cascade Drlg. DATE Dec 21/66
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 8 00 A.M. TO 4 00 P.M. DRILLER Robert White

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	F'TAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA	DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO	SURVEYS DEPTH	SURVEYS ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

Flush mud lines manifold at pumps & wire brush valves & gate on both pumps.

DAY WORK RATES: W.O.P. HRS. | W.O.P. MIN. | W.O.O.P. HRS. | W.O.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 00 A.M. TO 4 00 P.M. DRILLER Driscoll

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	F'TAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA: TIME | WT. | V.S. | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA	DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO	SURVEYS DEPTH	SURVEYS ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

Spot & Level Mud Tanks & Slush Pipe Racks.

DAY WORK RATES: W.O.P. HRS. | W.O.P. MIN. | W.O.O.P. HRS. | W.O.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR ____ M TO ____ M DRILLER

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	F'TAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA: TIME | WT. | VIS. | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA	DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO	SURVEYS DEPTH	SURVEYS ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.P. HRS. | W.O.P. MIN. | W.O.O.P. HRS. | W.O.O.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. ____ TOTAL DRLG TIME THIS 24 HRS. ____ TOTAL DAY WORK THIS 24 HRS. ____

HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ SIGNED ____ Co. R.

D\W FOOTAGE THIS 24 HRS. ____ DATE ____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS, ALBERTA LTD.

FORM PD-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 75
FIELD
LEASE
WELL NO. J-72
LOCATION Bouie Lk.
PROVINCE N.W.T.

CONTRACTOR Cascade Drlg. DATE Dec 20/65

RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 8:00 A.M. TO 4:00 P.M.

DRILLER Robert Allard

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP S/STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA						SURVEYS	
DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO	DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.P. HRS. | W.O.P. MIN. | W.O.D.P. HRS. | W.O.D.P. MIN.

FROM	TO	DESCRIPTION OF OPERATION
		Finishing Jacking Pumps & work on mud lines of pumps.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8:00 A.M. TO 4:00 P.M.

DRILLER Shewchuk

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP S/STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA						SURVEYS	
DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO	DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.P. HRS. | W.O.P. MIN. | W.O.D.P. HRS. | W.O.D.P. MIN.

FROM	TO	DESCRIPTION OF OPERATION
		Steel up Boiler & Test Lines to Steam Line — Install Welder

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR: ____ M TO ____ M

DRILLER

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP S/STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA						SURVEYS	
DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO	DEPTH	ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.P. HRS. | W.O.P. MIN. | W.O.D.P. HRS. | W.O.D.P. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. ____ TOTAL DRLG TIME THIS 24 HRS. ____ TOTAL DAY WORK THIS 24 HRS. ____

HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ SIGNED ____ Co. R.

D\W FOOTAGE THIS 24 HRS. ____ DATE ____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS, (ALBERTA) LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 74
FIELD
LEASE
WELL NO. J 72
LOCATION Bouie Lk
PROVINCE N.W.T.

CONTRACTOR Cascade Drlg DATE Dec 19/66

RIG NO. 19 ROTARY ☐ SERVICE ☐

MORNING TOUR 8:00 A.M. TO 4:00 P.M. DRILLER Robert White

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS DEPTH | ANGLE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
		Jacking Pumps To Level.

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.P. HRS.	W.O.P. MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8:00 A.M. TO 4:00 P.M. DRILLER Shewchuk

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS DEPTH | ANGLE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
		Steel Snow Eqpt. Rig Repairing Pipe Tanks etc. Help Jack Pumps Level Steel & Welder

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.P. HRS.	W.O.P. MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR M. TO M. DRILLER

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS DEPTH | ANGLE

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION

DAY WORK RATES

W.O.P. HRS.	W.O.P. MIN.	W.O.P. HRS.	W.O.P. MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED _____ Co. R.

D\W FOOTAGE THIS 24 HRS. _____ DATE _____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PC-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 73
FIELD
LEASE
WELL NO. F72
LOCATION Bowe Lk.
PROVINCE NWT

CONTRACTOR Cascade Drlg DATE Dec 18/66
RIG NO. 19 ROTARY ☐ SERVICE ☐

MORNING TOUR 8 00 A.M. TO 4 00 P.M. DRILLER Robert Gubitz

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
		Jack Dr. Hole on Sump
		S.D.F.

DAY WORK RATES

W.O.P HRS.	W.O.P MIN.	W.O.D.P HRS.	W.O.D.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 00 A.M. TO 4 00 P.M. DRILLER Dziewchuk

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION
		Jack and Level
		Comp Cooling
		Hot Jack Kg
		& Wt. Water Ba
		C.S.D.

DAY WORK RATES

W.O.P HRS.	W.O.P MIN.	W.O.D.P HRS.	W.O.D.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR ____ M. TO ____ M. DRILLER

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	FTAGE	HRS.RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA

TIME	WT.	VIS	W.L.	P.H.

MUD ADDED THIS TOUR

MATERIAL	LBS.	MATERIAL	LBS.

HOLE DATA

DRILLED FROM	DRILLED TO	RATHOLED FROM	RATHOLED TO	REAMED FROM	REAMED TO

SURVEYS DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR

FROM	TO	DESCRIPTION OF OPERATION

DAY WORK RATES

W.O.P HRS.	W.O.P MIN.	W.O.D.P HRS.	W.O.D.P MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. ____ TOTAL DRLG TIME THIS 24 HRS. ____ TOTAL DAY WORK THIS 24 HRS. ____

HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ SIGNED ____ Co. R.

D\W FOOTAGE THIS 24 HRS. ____ DATE ____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 72
FIELD Boss Lake
LEASE
WELL No. F-22
LOCATION Texaco W.E.A.
PROVINCE Alberta

CONTRACTOR Cascade Drlg DATE Dec 17/66
RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR 8 00 A.M. TO 4 00 P.M. DRILLER Robert Mikitiuk

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | DRILLED TO | RATHOLED FROM | RATHOLED TO | REAMED FROM | REAMED TO

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

Shovel snow away from Rig - Start #1 motor & Raise Derk.

DAY WORK RATES: W.O.P. HRS. MIN. | W.O.O.P. HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR 8 00 P.M. TO 4 00 A.M. DRILLER Skinchuk

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | DRILLED TO | RATHOLED FROM | RATHOLED TO | REAMED FROM | REAMED TO

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

Shovel snow away from Rig Up Start #1 Engine and Line Derrick

DAY WORK RATES: W.O.P. HRS. MIN. | W.O.O.P. HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

EVENING TOUR M. TO M. DRILLER

OPERATING DATA: SIZE D.C. | PUMP SPM | NO. D.C. | PUMP PRESS | PUMP STROKE | ROTARY RPM | LINER SIZE | WT. ON BIT

BIT DATA: NO. | SIZE | TYPE | FTAGE | HRS. RUN

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | DRILLED TO | RATHOLED FROM | RATHOLED TO | REAMED FROM | REAMED TO

SURVEYS: DEPTH | ANGLE

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.P. HRS. MIN. | W.O.O.P. HRS. MIN.

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

TOTAL FOOTAGE THIS 24 HRS. _____ TOTAL DRLG TIME THIS 24 HRS. _____ TOTAL DAY WORK THIS 24 HRS. _____

HRS. WITH DRILL PIPE _____ HRS. WITHOUT DRILL PIPE _____ SIGNED _____ Co. R.

D/W FOOTAGE THIS 24 HRS. _____ DATE _____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.

FORM PO-212-A (TEC) 3-65

TEXACO EXPLORATION COMPANY

DAILY DRILLING WELL REPORT

REPORT NUMBER 71
FIELD Bovie Lake
LEASE
WELL No. J 72
LOCATION Ter. Acc. NFA
PROVINCE N.W.T.

CONTRACTOR Cascade Drlg DATE Dec 16/66

RIG NO. 19 ROTARY ☑ SERVICE ☐

MORNING TOUR ____ M. TO ____ M DRILLER Robert Gullett

OPERATING DATA				BIT DATA NO.	SIZE	TYPE	F TAGE	HRS. RUN
SIZE D.C.		PUMP SPM						
NO. D.C.		PUMP PRESS						
PUMP STROKE		ROTARY RPM						
LINER SIZE		WT. ON BIT						

MUD TEST DATA: TIME | WT. | VIS | W.L. | P.H.

MUD ADDED THIS TOUR: MATERIAL | LBS. | MATERIAL | LBS.

HOLE DATA: DRILLED FROM | TO; RATHOLED FROM | TO; REAMED FROM | TO

SURVEYS: DEPTH | ANGLE

RIG TIME DATA THIS TOUR: FROM | TO | DESCRIPTION OF OPERATION

DAY WORK RATES: W.O.P HRS. | MIN. | W.O.O.P HRS. | MIN.

REMARKS AND REPORTS OF SPECIAL OPERATIONS (TESTING, CORING, CASING RUN, CEMENT PLUGS, ETC.)

Rigging up Camp & Start light Plant

TOTAL DAY WORK TIME CHARGEABLE TO TEXACO

DAYLIGHT TOUR ____ M TO ____ M DRILLER Dmiruchuk

Rig up Camp
Shut Down
Work on Camp
Lights.

EVENING TOUR ____ M TO ____ M DRILLER

TOTAL FOOTAGE THIS 24 HRS. ____ TOTAL DRLG TIME THIS 24 HRS. ____ TOTAL DAY WORK THIS 24 HRS. ____

HRS. WITH DRILL PIPE ____ HRS. WITHOUT DRILL PIPE ____ SIGNED ____ Co. R.

D\W FOOTAGE THIS 24 HRS. ____ DATE ____

IS YOUR REPORT COMPLETE?

CONTINUOUS FORMS (ALBERTA) LTD.