PLACID-CHEVRON

FOETUS LAKE

C-49

Drilling Authority No. 428

Date Issued 3 March 1970

WELL NAME Placid Chevron Foetus Lake C-49

FIELD ..... Area: .....

LOCATION: Unit C Section 49 Grid 61-10-118-30

Latitude 61-08-12 Longitude 118-38-28

U.W.L.R. 61.13666 --- 118.64111

U.W.I. 300C496110118300

Rig Release Date: .....

Status: .....

Information Release Date: .....

CHANGE OF NAME:

DATE RECEIVED	INDEX
3-3-70	Application for a Drilling Authority.
	Well Completion Data.
	Well History Report.
6/3/70	Application to Amend a Drilling Authority.
	Application to change a Well Name.
2-4-70	Application to Abandon a Well ~~or Suspend Drilling~~.
	Application to Alter Condition of a Well.
	Well History Supplement.
~~4/70~~ Undated	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.
	New Service Well Report.
	Monthly Water Flood Operations Report
	Monthly Water Receipts and Disposal of Fluids Report
	Logs. Large scale..... Small scale.....

IAND 52-90 (3-69)

Drilling Authority No. 428
Date Issued March 3, 1970.

CANADA

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
RESOURCE MANAGEMENT DIVISION

OIL & MINERAL

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 Placid Chevron Footus Lake C-49

Permit No. 3455 Lease No. -

Chevron Standard Ltd. (Permittee, Licensee, Lessee) Exploratory Licence No. 1283

Placid Oil Company (Operator) Exploratory Licence No. 1241

UNIQUE WELL IDENTIFIER - 300C496110118300

Location: Unit C Section 49 Grid 61-10 118° - 30'W

Latitude 61° 08' 12" N Longitude 118° 38' 28" W

From Established Reference Marker

Universal Well Location Reference Lat. 61.13666° N, Long. 118.64111° W

	DATE	DEPTH
Spudded 11 P.M.	March 9 3/9/70	
Suspended		
Resumed Operations		
Finished Drilling 1:15 PM	3/18/70	2645
Deepened		
Completed (~~Gas~~) Dry		
Abandoned	3/20/70	2645
Rig released 2 A.M.	3/20/70 March 20	

Pool(s)

Interval(s) open to production

Elevation: Gr. 648 K.B. 662

Rig No. 5

Drilling Contractor S & T Drilling

Contractor's Business Licence No. 564

CASING RECORD

Casing Size (Inches)	Grade	Weight	Amount	Set at –	Sacks of Cement and Additives
1. 8 5/8" (7 jts)	J-55	24#	209	204	140 sks. + 3% Cacl2
2.					–
3.					
4.					
5.					
6.					

GEOLOGICAL TOPS	ELEVATION Depths	ELEVATION Sub-Sea
Spence River	2006	-1344
Otter Park	2160	-1498
Mills Lake	2220	-1558
Horn River	2302	-1640
Lonely Bay	2422	-1760
Chinchaga	2516	-1854
Green Shale	2558	-1896
Granite Wash	2580	-1918
Precambrian	2600	-1938
T.D.	2645	-1983

CORE RECORD

From	To	Rec.	From	To	Rec.
NO CORES WERE CUT					

LOG RECORD

Run No.	Type of Log	From	To
1	Dual Induction Laterolog	2642	204
1	B.H.C. Sonic Gamma Ray Caliper	2645	204
1	Dipmeter Survey	2645	204

**(a Velocity Survey was also run with Century Geophysical)

IAND 52-90(2) (3-67)

ABANDONMENT PLUGS:

CEMENTING RECORD (Plug, Squeeze, etc.)				PERFORATING RECORD (Bullet, Jet)				SERVICING RECORD (Acidizing, Fracing, etc.)			
Date	From	To	Remarks	Date	From	To	Remarks	Date	From	To	Remarks
3/19/70 (Plug #1)	2645	2370	135 sks. Portland Cement. Plug down 12:30 AM 3/19/70. Not required to feel.	Cut off csg. 3' below grd. level. Spotted 5 sks. cement Plug at surface and welded on a steel cap. A 6' steel post with well sign spot welded to the top of surface csg.							
3/19/70 (Plug #2)	255	155	75 sks. Portland Cement + 2% Cacl2. Plug down 2:40 PM 3/19/70. WOC 8 hrs. Felt @ 115'								

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
						NO DRILL STEM TESTS WERE RUN **********								

ANALYSIS

Lab. No.	Sample	From	To	Source	Remarks
			NONE		

PRESENT STATUS OF WELL

Oil		(Interval.)
Gas		(Interval.)
Dry	X	Abandoned
Susp.		

Company Placid Oil Company

Signed by R. E. Nawolsky

Title Drilling & Production Supt.

Date

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

File No.
Drilling Authority No. 428

Canada

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
OIL & MINERAL DIVISION — RESOURCE MANAGEMENT DIVISION

Application to Abandon a Well

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: Placid Chevron Foetus Lake C-49

Location: Unit C Section 49 Grid 61-10 118°- 30'W

Latitude 61° 08' 12" N Longitude 118° 38' 28" W

From Established Reference Marker

Universal Well Location Reference Lat. 61.13666° N, Long. 118.64111° W

Permit No. 3455 Lease No. -

Chevron Standard Ltd.
(Permittee, Licensee, Lessee)

Date of commencement of proposed program March 20, 1970.

OIL, GAS, AND WATER ENCOUNTERED
(Depths)

Oil at -

Gas at -

Water at -

Total Depth 2645 Date of last operations March 20, 1970

Present condition of well Abandoned.

CASING RECORD

Casing Size O.D. Inches	Weight	Amount	Set At—	Sacks of Cement and Additives	Amount Pulled
1. 8 5/8"	24#	209'	204'	140 sks + 3% CaCl2	none.
2.					
3.					
4.					
5.					

PROPOSED ABANDONMENT PROGRAM

Plug No.	Plug Position	Geological Formation	Number of Sacks of Cement	Remarks
1	2645 - 2370	Lonely Bay	135	
2	255 - 155	49' in surface csg.	75 + 2% CaCl2	Felt Plug @ 115'
3	Surface Plug		5	Erect 6' riser & name plate.

The following logs have been run Dual Induction Laterolog, Gamma Ray Sonic Caliper, Dipmeter and Velocity Survey.

Other operations proposed none.

Operations to be carried out by S&T Drilling Contractor Licence No. 564

Address 5825 - 98 Street Address Edmonton, Alberta

Responsible Agent in field Mr. Jack Rosichuk

Dated at Calgary, Alberta, this 26th Day of March 1970.

Signed by R. E. Nawolsky Company Placid Oil Company

Title Drilling & Prod. Supt. Operator's Exploratory Licence No. 1241

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. B.H.J. Thoms on the 18th March 1970.

Dated 2nd April, 1970

B. H. J. Thoms
Oil Conservation Engineer

Forms to be submitted in triplicate to Oil Conservation Engineer, Department of Indian Affairs and Northern Development, Calgary, Alberta.

IAND 52-90 (5) (3-67)

Unique Well Identifier 300C496110118300

File No. .....

Drilling Authority No. 428

CANADA

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT

Oil and Mineral Division

Application to Amend a Drilling Authority

This application, in triplicate, must be submitted and approved before commencing operations. If the well location is changed, this application must be accompanied where required, with a plan of survey approved by the Surveyor General.

In compliance with the "Canada Oil and Gas Land Regulations", application is hereby made to amend Drilling Authority No. 428, concerning

Placid Chevron Foetus Lake B-49
(Name and Number of Well)

The following amendments are required: Change of location from:

Unit B Section 49 Grid 61-10 118°-30' W Lat. 61° 08' 12'' N
Long. 118° 38' 22'' W

TO: Unit C Section 49 Grid 61-10 118°-30' W

Latitude 61° 08' 12" N Longitude 118° 38' 28" W

Universal Well Location Reference Lat. 61.13666° N, Long. 118.64111 ° W.

Unique Well Identifier - 300C496110118300

Reasons for the amendments: error in longitude.

Dated at Calgary, Alberta, this 5th day of March, 1970.

Signed by R. E. Nawolsky R E Nawolsky

Title Drilling & Production Supt.

Company Placid Oil Company

(For Resource Management Division use only)

APPROVED

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

Date 6th March, 19 70

Oil Conservation Engineer

Forms to be submitted to the Oil Conservation Engineer, Department of Indian Affairs and Northern Development, Calgary, Alberta.

IAND 52-90-3 (3-67)

Drilling Authority No. 426

Project No.

File No.

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
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 Placid Chevron Foetus Lake ~~B~~ C-49

Location: Unit B Section 49 Grid 61-10 118-30'W

Latitude 61° 08' 12'' N Longitude 118° 38' 22'' W

~~From Established Reference Marker~~

Universal Well Location Reference Lat. 61.13666° N., Long. 118.63944° W.

Elevation: Ground 648 K.B. 660 feet above sea-level.

Well is expected to produce from Elk Point (Middle Devonian Carbonate) formation at a depth of about 2130 feet. Expected total final depth 2800'

Area assigned to well

(For Oil Conservation Engineer's use only)

Permit No. 3455 Lease No. Acreage 61920

Permittee, licensee, or lessee Chevron Standard Limited

Exploratory Licence No. 1283

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	New or Used	Estimated Depth	Sacks of Cement
1. 8 5/8"	24#	J-55	New	300	180
2. 4 1/2"	9.5#	J-55	New	2800	200
3.					
4.					
5.					

Expected water, gas, and oil horizons and type of control equipment Middle Devonian to be controlled with Drilling Mud and Blow-out Preventers. Hydrel 10" GK 900 Series and Shaeffer 10" Double Gate 900 Series.

Well will be drilled with Rotary Rig No. 5 by S & T Drilling (Western) Co. Ltd.
(Drilling Contractor or company)

5825 - 98 St., Edmonton 85, Alberta

Responsible agent of applicant:— Contractor's Business Licence No. 564

At well Jack Rosichuk At registered office R. E. Nawolsky

Address at Rig Address 860 Guinness House, Calgary

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

Dated at Calgary this 2nd day of March 19 70

Signed by R E Nawolsky Company Placid Oil Company

Title Drilling & Prod. Supt. Operator's Licence No. 1241

(For Resource Management Division use only)

APPROVED

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

1. The Company will submit to this office, on Tuesday of each week, the latest reports received by radio on the progress of the well.
2. During well drilling and testing operations, every effort shall be made to ensure

Dated 3rd March 19 70 Please see over page
Oil Conservation Engineer

Forms to be submitted to Oil Conservation Engineer,
Department of Indian Affairs and Northern Development, Calgary, Alberta.

IAND 52-90-1 (3-67)

UNIQUE WELL IDENTIFIER - 300B496110118300

that drilling fluids, chemicals and wastes shall be disposed of or contained in a manner that will prevent the contamination of adjacent vegetation and surface or sub-surface waters.

3. We draw your attention to Sections 95 and 96 of the Canada Oil and Gas Land Regulations.

B.H.J. Thomas, Oil Conservation Engineer

1970

33F-N 4-19

WELL HISTORY REPORT

Placid Chevron Foetus Lake C-49
61-10 N, 115-30 W.

N.W.T.

W E L L H I S T O R Y R E P O R T

Well Name: Placid Chevron Foetus Lake C-49

I n d e x

Section 1	Summary of Well Data	Page 1
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WELL HISTORY REPORT

SECTION 1 SUMMARY OF WELL DATA

Well Name: Placid Chevron Foetus Lake C-49 61°-10'N, 118°-30'W.

Permittee: Chevron Standard Limited

Operator: Placid Oil Company, 860 Guinness House, Calgary.

Location: C-49-61-10-118-30
61°-08'-12"N and 118°-38'-28"W

Universal Well Location Reference: Lat.61.13666°N
Long.118.[illegible]°W.

Unique Well Identifier: 300C496110118300

Permit No.: 3455

Drilling Contractor: S&T Drilling (Western) Co.Ltd.
Rig #5 - National 50A

Drilling Authority: #428, March 3, 1970

Classification: Wildcat.

Elevations: Ground Level - 648'
Kelly Bushing - 662'

Spudded: March 9, 1970 at 11.00 P.M.

Completed Drilling: March 12, 1970 at 1:15 P.M.

Total Depth: Driller - 2645'
Schlumberger - 2646'

Well Status: Dry and Abandoned.

Rig Released: March 20, 1970 at 2:00 A.M.

Hole Sizes: Surface - 12¼" to 204'
Main hole - 7-7/8" to 2645'

SECTION 2 GEOLOGICAL SUMMARY

Formation Tops:

Formation	Sub-Sea	E-log	Sample
Spence River	- 1344	2006	2020
Otter Park	- 1498	2160	2150
Mills Lake	- 1558	2220	2210
Horn River	- 1640	2302	
Lonely Bay	- 1760	2422	2420
Chinchaga	- 1854	2516	2510
Green Shale	- 1896	2558	2560
Granite wash	- 1918	2580	2580
Precambrian	- 1938	2600	2600
Total Depth	- 1983	2645	

Cored Intervals: No cores were cut.

Sample Descriptions:

Note: All samples lagged approx. 1 min. per 100' of depth.

0 - 90 Sand	granite wash, quartz, feldspars, biotite, coarse irregular grains, unconsolidated with some sand stone, grey, fine grained, calcareous, tight, and some limestone, brown, cryptocrystalline, dense.
90 - 150 Sandstone	grey, fine grained, quartz, calcareous, with occasional black chert flecks.
150 - 190 Sandstone	as above and becoming silty and shaly in part.
190 - 210 Shale	medium grey and brown, with common white calcite fossil remains and abundant rusty brown staining and fossil remains in a whitish grey limestone, cryptocrystalline, dense.
210 - 280 Sandstone	light grey and greenish, fine grained, calcareous, tight.
280 - 400 Shale	grey green and brown, calcareous, with interbedded sandstone as above. Traces of limey fossil remains.
400 - 590 Shale	green, platy, calcareous.
590 - 620 Limestone	grey, microcrystalline, dense, argillaceous.
620 - 640 Siltstone	light grey and greenish, calcareous.
640 - 690 Shale	dark brown, platy in part, not calcareous, with interbedded limestone and sandstone as above. Common fossil remains.

690 - 700	Limestone	light grey, microcrystalline to fragmental, dense.
700 - 720	Siltstone	with limestone and sandstone as above.
720 - 760	Shale	brown, light grey and greenish, calcareous, grading to limestone.
770 - 890	Siltstone	grey with common limestone as above. Trace of fossils.
890 - 930	Limestone	buff and grey, cryptocrystalline to microcrystalline, dense, and as above.
930 - 1160	Shale	grey to brownish, silty in part, calcareous, with interbedded limestone as above and sandstone, light grey, fine grained, tight. Abundant green shale - splintery.
1160 - 1170	Sandstone	light grey, fine grained, quartz, calcareous infill, tight, with interbedded shale as above.
1170 - 1200	Shale	green, brown and grey, silty in part, flaky in part with interbedded sandstone as above.
1200 - 1210	Limestone	buff and grey, cryptocrystalline to microcrystalline, dense, argillaceous, and as above.
1210 - 1690	Shale	grey and brownish, calcareous, grading to limestone, dense with interbedded sandstone and limestone as above. Traces of fossils.
1690 - 1930	Shale	grey brown and grey, with some sandstone and limestone as above.
1930 - 2020	Shale	dark grey, silty in part, flaky in part, calcareous, grading to argillaceous limestone with common interbedded sandstone, light grey, fine grained, tight.

SPENCE RIVER - 2006' (-1344)

2020 - 2050	Shale	dark grey and black, brownish in part, flaky, carbonaceous.
2050 - 2080	Limestone	light to dark grey brown, argillaceous, cryptocrystalline, dense.
2080 - 2160	Shale	dark grey and black, flaky in part, carbonaceous.

OTTER PARK - 2160' (-1498)

2160 - 2210	Shale	as above with interbedded shale - black, carbonaceous and common limestone, light grey, and brownish, cryptocrystalline, dense.

MILLS LAKE - 2220' (-1558)

2210 - 2240	Limestone	light grey brown, cryptocrystalline, dense, microcrystalline in part, and as above.
2240 - 2300	Shale	dark grey brown, calcareous, flaky, carbonaceous in part. Limey appearance.

HORN RIVER - 2302' (-1640)

2300 - 2320	Shale	dark grey brown, as above some carbonaceous bedding.
2320 - 2420	Shale	brownish black, carbonaceous, slightly calcareous.

LONELY BAY - 2422' (-1760)

2420 - 2480	Limestone	dark brown to buff, cryptocrystalline to microcrystalline and fine grained, very slightly argillaceous, dense, creamy and chalky in part.
2480 - 2485	Limestone	as above with common shale, black, flaky, carbonaceous.
2485 - 2510	Dolomite	buff, microcrystalline to silty, very poor porosity in part with traces of weak oil stain.

CHINCHAGA - 2516' (-1854)

2510 - 2540	Dolomite	as above, becoming anhydritic with traces of white, silty, crystalline anhydrite.
2540 - 2545	Dolomite	as above with common shale - grey and grey green, platy.
2545 - 2555	Dolomite	as above with dolomite - light grey, earthy, dense.

GREEN SHALE - 2558' (-1896)

2555 - 2565	Dolomite	buff and grey, earthy, anhydritic, dense, traces of silty white anhydrite and light green shale.
2565 - 2580	Dolomite	as above and grading to limestone with green shale and black carbonaceous shale.

GRANITE WASH - 2580' (-1918)

2580 - 2600	Granite wash	- unconsolidated grains - quartz, feldspar, biotite, etc.

PRECAMBRIAN - 2600' (-1938)

2600 - 2645 Granite quartz, feldspar, biotite and hornblende, decreasing to mostly quartz and faint feldspars.

SECTION 3 ENGINEERING SUMMARY

Drill Stem Tests: No DSTs were run.

Surface Casing Record:

Ran 7 joints (208.75') of 8-5/8", 24.0 #, J-55, ST&C, new Mannesmann casing. Set on bottom at 204.0' and cemented with 140 sax portland cement plus 3% $CaCl_2$. Good returns to surface (7 bbls.). Plug down at 6:55 P.M., March 11, 1970. Used a Davis guide shoe and float collar.

Tally -	1	14.69
	2	29.62
	3	28.40
	4	28.28
	5	25.42
	6	40.00
	7	39.90
Total		206.31

Total casing	206.31
Guide Shoe	1.07
Float Collar	1.37
	208.75

7 joints left on lease:	25.52
	42.92
	42.65
	42.25
	35.60
	37.42
	35.21
Total	261.57

Bit Record:

No.	Size	Type	Serial No.	Depth Out	Footage	Hours	Condition
1A(RR)	12-1/4	MGJ	551551	50	50	4-3/4	4-2-I
2A(RR)	7-7/8	XIG	18713	140	90	5-1/2	5-2-I
3A	7-7/8	YTIAG-J	78819	327	187	7-1/4	3-2-I
4A(RR)	12-1/4	MG-J	288649	204	154	6-3/4	3-3-I
1	7-7/8	ST3	156799	1640	1313	31	2-6-I
2	7-7/8	XIG	21392	2430	790	54	2-3-I
3	7-7/8	XDV	17608	2645 T.D.	215	20-1/4	8-2-I

Mud Report:

Date 1970	Depth	Wt.	Vis.	W.L.	Ph.	Additives
Mar. 9	10	Spudded at 11:00 P.M.				Gel 1500#, Lime 50#
10	295		46			Gel 1500#, Lime 50#
11	327	Set sfc/csg at 204'				Gel - 800#
12	397	Water				
13	1400	9.5	28			Benex 24#, BiCarb 300#, SAAP 50#
14	1705	9.0	28			Benex 8#
15	1970	9.4	34			Gel 7000#, Benex 8#, Caustic 100#
16	2245	9.4	33	14.0	8.0	Gel 3600#, Benex 8#, Bicarb 100#, Soda Ash 100#
17	2533	9.5	35	7.8	11.0	Gel 4800#, Bicarb 200#, Caustic 300#, Soda Ash 100#, RD-111 400#.
18	2645	9.8	90	8.0	10.5	Gel 800#, Caustic 100#, RD-111 200#
19	2645	Log and abandon				
20	T.D.	Rig Released at 2:00 A.M.				

Deviation Record:

Depth	Dev.	Depth	Dev.
78	3/4	1845	6-3/4
100	3/4	1876	6-1/2
130	7/8	1908	6-3/4
170	7/8	1939	6-3/4
200	1	1970	6-3/4
265	1/2	2000	6-1/2
327	3/4	2032	6-1/4
550	1/8	2064	6-7/8
768	1/4	2095	6-7/8
984	1/2	2127	6
1172	1/4	2157	6
1393	3/4	2188	6
1508	1-3/4	2220	5-3/4
1611	5	2251	5-1/2
1640	6-1/2	2282	4-3/4
1668	7-1/4	2344	4-1/2
1716	7-1/8	2375	4-1/2
1750	7-1/8	2406	4-1/4
1782	6-3/4	2430	4
1813	6-1/2	2538	3-3/4
		2645	4

(A dipmeter survey was also run.)

Abandonment Plugs:

Plug #1 - 2645' to 2370' - Used 135 sax neat portland cement. Plug down at 12:30 P.M., March 19,1970. Not required to feel.

Plug #2 - 255' to 155' - Used 75 sax portland cement plus 2% $CaCl_2$. Plug down at 2:40 P.M., March 19 1970. W.O.C. 8 hours; felt plug #2 at 115'.

Casing cut off 3.0' below ground; 5 sax cement put in top and a steel plate welded on. A steel riser and well sign was welded on to casing.

Lost Circulation Zones: nil

Blowouts: nil

SECTION 4 LOGS

Logs by Schlumberger on March 19, 1970.

Dual Induction Laterolog	2642 - 204
BHC Sonic G-R Cal. log	2645 - 204

A dipmeter survey was also run from 2645' to 204'

A velocity survey was run with Century Geophysical.

SECTION 5 ANALYSIS - nil

SECTION 6 COMPLETION SUMMARY - nil

SECTION 7 DAILY CHRONOLOGICAL REPORT

Date 1970	Day	Depth	Progress	Remarks
Mar. 9	1	10	10	Rigged up to spud. Drilled mousehole and rathole with power swivel. Loaded out power swivel. Spudded in with 12¼" bit. Drilling surface hole.
10	2	295	285	Drilled 12¼" hole through surface boulders to 50'. Picked up shock sub and 7-7/8" bit and drilled ahead with 7-7/8" pilot hole.
11	3	327	32	Drilled pilot hole to 327' K.B. Tripped and picked up 12¼" bit and reamed hole to 12¼" from 50' to 204'. Picked up 8-5/8" surface casing and ran same to 160' with difficulties from boulders which apparently fell in from surface. Could not get casing any deeper. Pulled out casing and reamed from 160' to 204' with 12¼" bit. Ran 7 joints (208.74') of 8-5/8", 24.0#, J-55, ST&C,

Date	Day	Depth	Progress	Remarks
Mar.11 cont'd.				new Mannesmann casing. Set on bottom at 204' and cemented with 140 sax portland cement plus 3% $CaCl_2$. Good returns (7 bbls.) to surface. Plug down at 6:55 P.M. W.O.C. and start to cut off casing.
12	4	397	70	Finished heading up and pressure tested blind rams; OK. Ran in with bit and felt plug at 180'. Pressure tested pipe rams and Hydrill; OK. Motor shut-offs OK. Drilled out cement plug and shoe and cleaned to bottom of pilot hole. Pulled out and picked up 3 stabilizers and new bit. Drilling ahead in 7-7/8" hole.
13	5	1400	1103	Drilled ahead.
14	6	1705	305	Drilled ahead to 1640'. Found survey to be 6½°. Tripped for new bit and repositioned 2 stabilizers at 60' and 120'. Ran in and fanned hole from 1610' to 1640'. Drilled to 1668'; survey 7¼°. Pulled out and laid down shock sub and one stabilizer. Ran in with one spiral stabilizer at 30'. Drilled ahead using 15,000# at 120 RPM.
15	7	1970	265	Drilled ahead with controlled weight and taking surveys every 30'. Deviation staying at approx. 6-3/4°.
16	8	2245	275	Drilled ahead with controlled weight. Deviation gradually came back to 5-3/4°.
17	9	2533	288	Drilled ahead with deviation gradually coming back to 3-3/4°.
18	10	2645	112	Drilled to T.D. of 2645' and circulated to log. Ran DILL and BHC Sonic logs by Schlumberger.
19	11	2645	T.D.	Finished logging. Ran Dipmeter and Velocity Survey. Laid down DCs and ran in open-ended. Ran plug #1 from 2645' to 2370' with 135 sax portland cement. Plug down at 12:30 P.M. Pulled out, laying down drill pipe. Ran in to 255' and ran plug #2 from 255' to 155' with 75 sax portland cement plus 2% $CaCl_2$. Plug down at 2:40 P.M. W.O.C. 8 hours. Felt plug #2 at 115'. Laid down BOPs.
20	12	2645	T.D.	Cut off casing 3.0' below ground; put 5 sax cement in top and welded on a steel plate with steel well sign. Rig released at 2 AM.

March 23, 1970

for Placid Oil Company

EARLY EXPLORATION CONSULTANTS LTD.

DAILY DRILLING REPORT

REPORT NO. 11 DATE Mar. 20/70

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Placid Oil Co.	Placid Chevron Foetus Lake	C-49	61-10 118-30	NWT	

CONTRACTOR	RIG NO.	DRILL PIPE STRING NO.	SIZE	TOOL JOINT O.D.	TYPE THD.
S & T DRILLING (WESTERN) CO. LTD.	5	2	4½	6	FH

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Geo E Walden [signature]

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Nat	C-250	15
2.	Nat	C-150	12
3.			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
5½	Mann	24-J-55	7	208	12.70	204	

TIME DISTRIBUTION - HOURS

	MORN	DAY	EVE
~~RIG UP~~ TEAR DOWN	6		
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG			
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER	2		
FISHING			
COMPLETION WORK A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8		

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK		
HRS. W/DP		
HRS. WO/DP		
HRS. STANDBY		
TOTAL DAY WORK		

WIRE LINE RECORD

REEL NO.	
NO. OF LINES / SIZE	
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
STANDS D.P.	FT.	BIT NO.		TIME	
SINGLES D.P.	FT.	SIZE		WEIGHT	
D.C. I.D. O.D.	FT.	MFG.		VISC.-SEC	
D.C. I.D. O.D.	FT.	TYPE		W.L.-C.C.	
STB. BODY O.D.	FT.	NOZZLE NO. / SIZE		FLTR. CK.	
STB. BODY O.D.	FT.	SER. NO.		PH	
RMR. BODY O.D.	FT.	DEPTH OUT		SD. CONT. %	
SUBS O.D.	FT.	DEPTH IN		PRESSURE GRADIENT	
BIT OR C.B.	FT.	TOTAL FTG.		MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT.	
	FT.	TOTAL HR. RUN			
KELLY DOWN	FT.	COND. OF BIT			
TOTAL	FT.	REAMER NO.			
WT. OF STRING	LBS.	REAMER TYPE		DRILLER	Don Doyle

FOOTAGE FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN SGL-S PAR'EL-P COM'D-C
2645	T.D.											

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	2:00	2	Cut off casing 3.0' below ground - Put 5 sax Cement in top - Weld on steel plate + steel post & well sign - Clean mud tanks - plug rathole + mousehole -
			RIG RELEASED at 2:00 A.M. March 20, 1970
2:00	8:00	6	Tear out rig to move

[signature]

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
STANDS D.P.	FT.	BIT NO.		TIME	
SINGLES D.P.	FT.	SIZE		WEIGHT	
D.C. I.D. O.D.	FT.	MFG.		VISC.-SEC	
D.C. I.D. O.D.	FT.	TYPE		W.L.-C.C.	
STB. BODY O.D.	FT.	NOZZLE NO. / SIZE		FLTR. CK.	
STB. BODY O.D.	FT.	SER. NO.		PH	
RMR. BODY O.D.	FT.	DEPTH OUT		SD. CONT. %	
SUBS O.D.	FT.	DEPTH IN		PRESSURE GRADIENT	
BIT OR C.B.	FT.	TOTAL FTG.		MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT.	
	FT.	TOTAL HR. RUN			
KELLY DOWN	FT.	COND. OF BIT			
TOTAL	FT.	REAMER NO.			
WT. OF STRING	LBS.	REAMER TYPE		DRILLER	

FOOTAGE FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN SGL-S PAR'EL-P COM'D-C

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
STANDS D.P.	FT.	BIT NO.		TIME	
SINGLES D.P.	FT.	SIZE		WEIGHT	
D.C. I.D. O.D.	FT.	MFG.		VISC.-SEC	
D.C. I.D. O.D.	FT.	TYPE		W.L.-C.C.	
STB. BODY O.D.	FT.	NOZZLE NO. / SIZE		FLTR. CK.	
STB. BODY O.D.	FT.	SER. NO.		PH	
RMR. BODY O.D.	FT.	DEPTH OUT		SD. CONT. %	
SUBS O.D.	FT.	DEPTH IN		PRESSURE GRADIENT	
BIT OR C.B.	FT.	TOTAL FTG.		MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT.	
	FT.	TOTAL HR. RUN			
KELLY DOWN	FT.	COND. OF BIT			
TOTAL	FT.	REAMER NO.			
WT. OF STRING	LBS.	REAMER TYPE		DRILLER	

FOOTAGE FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN SGL-S PAR'EL-P COM'D-C

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

DAILY DRILLING REPORT

REPORT NO. 10 DATE MAR. 1970

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
PLACID OIL CO.	PLACID CHEVRON FORTUNE LAKE	1-49	61-10 + 118-30		N.W.T.

CONTRACTOR	RIG NO.	DRILL PIPE STRING NO.	SIZE	TOOL JOINT	O.D.	TYPE THD.
S & T DRILLING (WESTERN) CO. LTD.	5	2	4½	6"		F.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [illegible]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Geo E Winkham

PUMP NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	NAT.	C-250	15"
2.	NAT.	C-150	12"
3.			

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
	8 5/8	MANN	24-J-55	7	208	12.70	204	

TIME DISTRIBUTION—HOURS	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG			
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
BORING			
WIRE LINE LOGGING	8		
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8		

TIME SUMMARY (OFFICE USE ONLY)			
DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			

WIRE LINE RECORD	
REEL NO.	
NO. OF LINES	SIZE
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
21	STANDS D.P.	1473.76	FT.
2	SINGLES D.P.	61.17	FT.
14	D.C. 6¼ I.D. O.D.	580.30	FT.
	D.C. I.D. O.D.		FT.
	STB. BODY O.D.		FT.
	STB. BODY O.D.		FT.
	RMR. BODY O.D.		FT.
1	SUBS O.D.	4.00	FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN	25.37	FT.
	TOTAL	2645.00	FT.
WT. OF STRING	92 M		LBS.

BIT RECORD		
BIT NO.		
SIZE		
MFG.		
TYPE		
NOZZLE NO.		
NOZZLE SIZE		
SER. NO.		
DEPTH OUT		
DEPTH IN		
TOTAL FTG.		
TOTAL HR. RUN		
COND. OF BIT		
REAMER NO.		
REAMER TYPE		

MUD RECORD		
TIME		
WEIGHT		
VISC.-SEC		
W.L.-C.C.		
FLTR. CK.		
PH		
SD. CONT. %		
PRESSURE GRADIENT		
MUD & CHEMICALS ADDED TYPE	AMT.	TYPE / AMT.
DRILLER	Lon Lloyd	

FOOTAGE FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	S.P.M.	PUMP NO. 2 LINER SIZE	S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
2645	F.T.D.			FUEL = 4' 3"				5½		5½		S
								X		X		
								15		12		

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	8:00	8	Logging W/ SCHLUMBERGER
			Ran - Dual Induction Laterlog - 2642 - 204
			BHC Sonic G-R Log - 2645 - 204
			Dipmeter - 2645 - 204
			Velocity Survey.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	STANDS D.P.		FT.
	SINGLES D.P.		FT.
	D.C. I.D. O.D.		FT.
	D.C. I.D. O.D.		FT.
	STB. BODY O.D.		FT.
	STB. BODY O.D.		FT.
	RMR. BODY O.D.		FT.
	SUBS O.D.		FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN		FT.
	TOTAL		FT.
WT. OF STRING			LBS.

BIT RECORD		
BIT NO.		
SIZE		
MFG.		
TYPE		
NOZZLE NO.		
NOZZLE SIZE		
SER. NO.		
DEPTH OUT		
DEPTH IN		
TOTAL FTG.		
TOTAL HR. RUN		
COND. OF BIT		
REAMER NO.		
REAMER TYPE		

MUD RECORD		
TIME		
WEIGHT		
VISC.-SEC		
W.L.-C.C.		
FLTR. CK.		
PH		
SD. CONT. %		
PRESSURE GRADIENT		
MUD & CHEMICALS ADDED TYPE	AMT.	TYPE / AMT.
DRILLER	Allen Bill	

FOOTAGE FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
Plug #1 - 2645				to 2370' - used 135 sax portland cement neat. -								
				Plug down at 12 30				Not required				
								to feel.				

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8 00	8 15	1/4	RIG SERV
815	1045	2 1/2	RUN IN W/ DRILL COLLARS + LAY DOWN SAME
1045	1200	1 1/4	RUN IN W/ DRILL PIPE OPEN END
1200	1230	1/2	CIRC + RUN PLUG #1
1230	215	1 3/4	PULL OUT LAY DOWN D. PIPE
215	230	1/4	RUN IN TO 255 + RIG TO CEMENT
230	245	1/4	RUN PLUG #2
245	4:00	11/4	PULL OUT + W.O.C

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	STANDS D.P.		FT.
	SINGLES D.P.		FT.
	D.C. I.D. O.D.		FT.
	D.C. I.D. O.D.		FT.
	STB. BODY O.D.		FT.
	STB. BODY O.D.		FT.
	RMR. BODY O.D.		FT.
	SUBS O.D.		FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN		FT.
	TOTAL		FT.
WT. OF STRING			LBS.

BIT RECORD		
BIT NO.		
SIZE		
MFG.		
TYPE		
NOZZLE NO.		
NOZZLE SIZE		
SER. NO.		
DEPTH OUT		
DEPTH IN		
TOTAL FTG.		
TOTAL HR. RUN		
COND. OF BIT		
REAMER NO.		
REAMER TYPE		

MUD RECORD		
TIME		
WEIGHT		
VISC.-SEC		
W.L.-C.C.		
FLTR. CK		
PH		
SD. CONT. %		
PRESSURE GRADIENT		
MUD & CHEMICALS ADDED TYPE	AMT.	TYPE / AMT.
DRILLER		

FOOTAGE FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN SGL.-S PAR'EL-P COM'D-C
Plug #2 - 255				to 155 - used 75 sax portland cement plus 2 % Ca Cl 2								
				Plug down at 2 45 P.M.				W.O.C. - 8 hrs.				
				Found plug #2 at 115'								

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	1015	6 1/4	W.O.C
1015	1045	1/2	FEEL PLUG #2 at 115'
1045	1200	1 1/4	LAY DOWN B.C.P.

DAILY DRILLING REPORT

OPERATOR	PLACID OIL Co.
LEASE	PLACID CHEVRON FOETUS LAKE
REPORT NO.	7
DATE	MARCH 18/70
WELL NO.	E-49
FIELD OR DIST.	61-10 + 118-30
COUNTY	
STATE	N.W.
CONTRACTOR	S & T DRILLING (WESTERN) CO. LTD.
RIG NO.	5
DRILL PIPE STRING NO. / SIZE	2 / 4½
TOOL JOINT O.D.	6"
TYPE THD.	F.H.
SIGNATURE OF OPERATOR'S REPRESENTATIVE	[signature]
SIGNATURE OF CONTRACTOR'S TOOL PUSHER	[signature]

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	NAT.	C-250	15"
2.	NAT.	C-150	12"
3.			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9⅝	MANN	24-J-55	7	208	12.70	204	

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	7½	5	
REAMING			
CONDITIONING MUD & CIRCULATING		1¾	3
TRIPS		1	2¼
LUBRICATE RIG	¼	1/4	
DEVIATION SURVEY	¼		¼
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			2½
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK	
HRS. W/DP	
HRS. WO/DP	
HRS. STANDBY	
TOTAL DAY WORK	

WIRE LINE RECORD

REEL NO.	
NO. OF LINES / SIZE	
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	FT.
71	STANDS D.P.	1931.13
2	SINGLES D.P.	61.80
19	D.C. 6¼ I.D. O.D.	580.50
	D.C. I.D. O.D.	
	STB. BODY O.D.	
	STB. BODY O.D.	
	RMR. BODY O.D.	
4	SUBS O.D.	16.21
	BIT OR C.B.	
	KELLY DOWN	24.36
	TOTAL	2614.00
	WT. OF STRING	92 M LBS.

BIT RECORD

BIT NO.	3
SIZE	7⅞
MFG.	H.W.
TYPE	XDV
NOZZLE NO.	1 2
NOZZLE SIZE	12 13
SER. NO.	17608
DEPTH OUT	
DEPTH IN	2430
TOTAL FTG.	184
TOTAL HR. RUN	15¼
COND. OF BIT	RDH
REAMER NO.	1
REAMER TYPE	

MUD RECORD

TIME	1:00	3:00	5:00
WEIGHT	9.8	9.8	9.7
VISC.-SEC	57	58	47
W.L.-C.C.	7.8		9.0
FLTR. CK.	2/32		2/32
PH	11.0		10.5
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
RD III	200#		
GEL	500#		
Caustic	50#		

DRILLER: Don Devillo

FOOTAGE / FORMATION

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD RUN SGL-S PAR'EL-P COM'D-C
2533	2614	D		FUEL TOP TK. - 4' 8"	80	40	1000	5½ x 15	59	5½ x 12		S

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
2538	3¾°							

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼	DRLG.
12:15	12:30	¼	SURVEY @ 2538'
12:30	12:45	¼	RIG SERV.
12:45	8:00	7¼	DRLG.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	FT.
72	STANDS D.P.	~~[illegible]~~
—	SINGLES D.P.	2022.92
19	D.C. 6¼ I.D. O.D.	580.50
	D.C. I.D. O.D.	
	STB. BODY O.D.	
	STB. BODY O.D.	
	RMR. BODY O.D.	
4	SUBS O.D.	16.21
	BIT OR C.B.	
	KELLY DOWN	16.13
	TOTAL	2645
	WT. OF STRING	92 M LBS.

BIT RECORD

BIT NO.	3
SIZE	7⅞
MFG.	H.W.
TYPE	XDV
NOZZLE NO.	1 2
NOZZLE SIZE	12 13
SER. NO.	17608
DEPTH OUT	
DEPTH IN	2430
TOTAL FTG.	215
TOTAL HR. RUN	20¼
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	10:00	13:00	4:00
WEIGHT	9.8	9.8	9.8
VISC.-SEC	62	66	67
W.L.-C.C.	8.9		
FLTR. CK.	2/32		
PH	10.5	10.5	10.5
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER: Alvin Ell

FOOTAGE / FORMATION

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD RUN SGL-S PAR'EL-P COM'D-C
2614	2645	D			80	40	1000	5½ x 15	59	5½ x 12		

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	10:30	2½	DRLG.
10:30	10:45	¼	RIG SERV ✓ B.O.P. / MOTOR SHUT OFFS OK
10:45	1:15	2½	DRLG.
1:15	1:45	½	CIRC SAMPLE
1:45	2:45	1	DUMMY TRIP COND HOLE TO LOG
2:45	4:00	1¼	CIRC

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	FT.
72	STANDS D.P.	2022.92
	SINGLES D.P.	
19	D.C. I.D. O.D.	580.50
	D.C. I.D. O.D.	
	STB. BODY O.D.	
	STB. BODY O.D.	
	RMR. BODY O.D.	
4	SUBS O.D.	16.21
	BIT OR C.B.	
	KELLY DOWN	26.37
	TOTAL	2645
	WT. OF STRING	

BIT RECORD

BIT NO.	3
SIZE	7⅞
MFG.	HW
TYPE	XDV
NOZZLE NO.	1-12
NOZZLE SIZE	2-13
SER. NO.	17608
DEPTH OUT	2645
DEPTH IN	2430
TOTAL FTG.	215
TOTAL HR. RUN	20¼
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	1:00		
WEIGHT	9.8		
VISC.-SEC	70		
W.L.-C.C.	8.0		
FLTR. CK	2/32		
PH	10.5		
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Caustic	50#		
Gel	300#		

DRILLER: L. Ell & L. Doerksen

FOOTAGE / FORMATION

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL-S PAR'EL-P COM'D-C
2645	F.T.D.				Circ.		1000	5½ x 15	59			

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
2645	4							

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	7:00	3	CIRC
7:00	7:15	1/4	SURVEY
7:15	9:30	2¼	HOIST TO LOG + S.L.M. + LAY DOWN KEY SEAT WIPER + 2 STABILIZERS.
9:30	12:00	2½	Logging w/ SCHLUMBERGER
			S.L.M. .34 SHORT.

DAILY DRILLING REPORT

REPORT NO. X   DATE March 17/70

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Placid Oil Co.	Placid Chevron Foetus Lake	C-119	61-10 + 118-30		N.W.T.

CONTRACTOR: S & T DRILLING (WESTERN) CO. LTD.   RIG NO. 5

DRILL PIPE STRING: NO. 2, SIZE 4½   TOOL JOINT 6" O.D.   TYPE THD. F.H.

PUMPS NO.	MANUFACTURER	TYPE	STROKE LENGTH
1	NAT.	C-250	15"
2	NAT.	C-150	12"
3			

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
	8⅝	Mann	24-J55	7	208	12.70	204	

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]   SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Geo E Wilkins

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	6¼	3	7½
REAMING			
CONDITIONING MUD & CIRCULATING	¼	½	
TRIPS		2¾	
LUBRICATE RIG	¼	¼	¼
DEVIATION SURVEY	1¼	½	¼
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER		1	
FISHING			
COMPLETION WORK A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY): DAY WORK; HRS. W/DP; HRS. WO/DP; HRS. STANDBY; TOTAL DAY WORK

WIRE LINE RECORD: REEL NO.; NO. OF LINES, SIZE; FEET SLIPPED; FEET CUT OFF; PRESENT LENGTH; TON MI. OR TRIPS SINCE LAST CUT; CUMULATIVE TON MI. OR TRIPS; NO. OF DAYS FROM SPUD; CUMULATIVE ROTATING HRS.

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
20	STANDS D.P.	1869.29 FT.
	SINGLES D.P.	FT.
15	D.C. 6¼ I.D. O.D.	458.45 FT.
	D.C. I.D. O.D.	FT.
	STB. BODY O.D.	FT.
	STB. BODY O.D.	FT.
	RMR. BODY O.D.	FT.
2	SUBS O.D.	6.38 FT.
	BIT OR C.B.	FT.
	KELLY DOWN	41.50
	TOTAL	2375.00 FT.
	WT. OF STRING	80 M LBS.

BIT RECORD	
BIT NO.	2
SIZE	7⅞
MFG.	H.W.
TYPE	X1G
NOZZLE NO.	3
NOZZLE SIZE	12
SER. NO.	21392
DEPTH OUT	
DEPTH IN	1640
TOTAL FTG.	735
TOTAL HR. RUN	51¾
COND. OF BIT	Run
REAMER NO.	
REAMER TYPE	

MUD RECORD			
TIME	12:00	3:50	6:30
WEIGHT	9.4	9.4	9.4
VISC.—SEC	35	34	36
W.L.—C.C.			12.0
FLTR. CK.			3/32
PH	8.0	9.0	8.5
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT. — (none)

DRILLER: Don Doyle

FOOTAGE FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	S.P.M.	PUMP NO. 2 LINER SIZE	S.P.M.	METHOD RUN
2245	2375	D		Fuel Top Tk = 1' 10"	120	18	1075	5½	58	5½		S
								x		x		
								15		12		

DEVIATION RECORD DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
2251	5½°		2282	4¾°		2344	4½°	

2375 - 4½

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:30	½	Drlg.
12:30	12:45	¼	Survey @ 2251'
12:45	1:00	¼	Rig Serv.
1:00	2:45	1¾	Drlg.
2:45	3:00	¼	Survey @ 2282'
3:00	5:00	2	Drlg.
5:00	5:15	¼	Circ. Sample
5:15	5:30	¼	Survey @ 2313' 4¾°

5:30-6:30-1 = Drlg.
6:30-6:45-¼ = Survey
6:45-7:45-1 = Drlg.
7:45-8:00 ¼ - Survey

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
17	STANDS D.P.	1744.81 FT.
2	SINGLES D.P.	41.48 FT.
19	D.C. 6¼ I.D. O.D.	580.50 FT.
	D.C. I.D. O.D.	FT.
	STB. BODY O.D.	FT.
	STB. BODY O.D.	FT.
	RMR. BODY O.D.	FT.
3	SUBS O.D.	10.36 FT.
	BIT OR C.B.	FT.
	[illegible]	6.56 FT.
	KELLY DOWN	27.80 FT.
	TOTAL	2431.00 FT.
	WT. OF STRING	90 M LBS.

BIT RECORD		
BIT NO.	2	3
SIZE	7⅞	7⅞
MFG.	HW	HW
TYPE	X1G	XDV
NOZZLE NO.	3	1 2
NOZZLE SIZE	12	12 13
SER. NO.	21392	71608
DEPTH OUT	2430	
DEPTH IN	1640	2430
TOTAL FTG.	790	1
TOTAL HR. RUN	54	¼
COND. OF BIT	231	Run
REAMER NO.		
REAMER TYPE		

MUD RECORD			
TIME	10:00		4:00
WEIGHT	9.5		9.5
VISC.—SEC	34		35
W.L.—C.C.			
FLTR. CK.			
PH	8.0		8.0
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED TYPE	AMT.	TYPE	AMT.
Gel	800#		
[illegible]	100#		

DRILLER: [signature]

FOOTAGE FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	S.P.M.	PUMP NO. 2 LINER SIZE	S.P.M.	METHOD RUN
2375	2431	D			120	30	1075	5½	58	5½		S
								x		x		
								15		12		

DEVIATION RECORD DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
2406	4½°		2430	4°				

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼	Rig Serv. & B.O.P.
8:15	9:15	1	Drlg.
9:15	9:30	¼	Survey
9:30	10:45	1¼	Drlg.
10:45	11:15	½	Circ. Sample
11:15	11:30	¼	Survey
11:30	1:00	1½	Hoist for bit strap pipe
1:00	1:15	¼	Change bits & blind rams

1:15-1:30-¼ - Run in collars
1:30-2:00-½ - Pick up 4 D.C.
2:00-3:00-1 - Run in w/ pipe.
Board Tally - 2437.34
Measure Out - 2439.26
Diff - 1.92
(No Correction)
2:00-2:15-¼ Lay down 4 subs
2:15-2:45-½ Clean hole to btm
2:45-4:00-1¼ - Drlg

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
20	STANDS D.P.	1838.18 FT.
2	SINGLES D.P.	62.09 FT.
19	D.C. 6¼ I.D. O.D.	580.50 FT.
	D.C. I.D. O.D.	FT.
	STB. BODY O.D.	FT.
	STB. BODY O.D.	FT.
	RMR. BODY O.D.	FT.
4	SUBS O.D.	16.21 FT.
	BIT OR C.B.	FT.
		FT.
	KELLY DOWN	36.02 FT.
	TOTAL	2533.00 FT.
	WT. OF STRING	91 M LBS.

BIT RECORD	
BIT NO.	3
SIZE	7⅞
MFG.	HW
TYPE	XDV
NOZZLE NO.	1 2
NOZZLE SIZE	12 13
SER. NO.	71608
DEPTH OUT	
DEPTH IN	2430
TOTAL FTG.	103
TOTAL HR. RUN	7¾
COND. OF BIT	Run
REAMER NO.	
REAMER TYPE	

MUD RECORD			
TIME	6:00	9:00	11:00
WEIGHT	9.5	9.5	9.8
VISC.—SEC	35	35	45
W.L.—C.C.			7.8
FLTR. CK			2/32
PH			11.0
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED TYPE	AMT.	TYPE	AMT.
Gel	4000#	Bi Carb	100#
Caustic	300#	RD III	400#
Soda Ash	100#		

DRILLER: [signature]

FOOTAGE FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	S.P.M.	PUMP NO. 2 LINER SIZE	S.P.M.	METHOD RUN
2431	2533	D			80	[illegible]	950	5½	59	5½		S
								x		x		
								15		12		

DEVIATION RECORD DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
2476			2533	3¾°				

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	5:00	1	Drlg.
5:00	5:15	¼	Rig Serv.
5:15	7:30	2¼	Drlg.
7:30	7:45	¼	Survey
7:45	12:00	4¼	Drlg.

DAILY DRILLING REPORT

REPORT NO. 1 DATE MARCH 16/78

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
PLACID OIL Co.	PLACID CHEVRON FOETUS LAKE	C-49	61-10' + 118-30'		N.W.T.

CONTRACTOR	RIG NO.	DRILL PIPE STRING NO.	SIZE	TOOL JOINT	TYPE THD.
S & T DRILLING (WESTERN) CO. LTD.	5	2	4½	6" O.D.	F.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]
SIGNATURE OF CONTRACTOR'S TOOL PUSHER: [signature]

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1	NAT.	C-250	15"
2	NAT.	C-150	12"
3			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
8⅝	MANN	24-J55	7	208	12.70	204	

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	4¾	7	7
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS	2¼		
LUBRICATE RIG	¼	¼	¼
DEVIATION SURVEY	½	¾	¾
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG	¾		
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK
HRS. W/DP
HRS. WO/DP
HRS. STANDBY
TOTAL DAY WORK

WIRE LINE RECORD

REEL NO.
NO. OF LINES — SIZE
FEET SLIPPED
FEET CUT OFF
PRESENT LENGTH
TON MI. OR TRIPS SINCE LAST CUT
CUMULATIVE TON MI. OR TRIPS
NO. OF DAYS FROM SPUD
CUMULATIVE ROTATING HRS.

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	
16	STANDS D.P.	1495.71 FT.
2	SINGLES D.P.	62.38 FT.
15	D.C. 6¼ I.D. O.D.	458.45 FT.
	D.C. I.D. O.D.	FT.
	STB. BODY O.D.	FT.
	STB. BODY O.D.	FT.
	RMR. BODY O.D.	FT.
2	SUBS O.D.	6.38 FT.
	BIT OR C.B.	FT.
	KELLY DOWN	14.98 FT.
	TOTAL	2038.00 FT.
	WT. OF STRING	74 LBS.

BIT RECORD

BIT NO.	2
SIZE	7⅞
MFG.	H.W.
TYPE	X1G
NOZZLE NO.	3
NOZZLE SIZE	12
SER. NO.	21392
DEPTH OUT	
DEPTH IN	11.40
TOTAL FTG.	898
TOTAL HR. RUN	31½
COND. OF BIT	RUN
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME		4:00	7:00
WEIGHT		9.5	9.3
VISC.-SEC		34	34
W.L.-C.C.			
FLTR. CK.			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
GEL	2000#		
BENEX	1#		

DRILLER: Don Doyle

FOOTAGE / FORMATION

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	S.P.M.	PUMP NO. 2 LINER SIZE	S.P.M.	METHOD RUN
1970	2038	D		FUEL TOP TANK: 3' 1"	120	12-15	1075	5½	59	5½		S
								x		x		
								15		12		

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
2000	6½°		2032	6¼				

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	1:15	1¼	FINISH OUT W/ WASHED SINGLE + CHECK COLLARS
1:15	1:30	¼	RIG SERV. + V B.O.P.
1:30	2:30	1	TRIP IN W/ BIT #2
2:30	3:00	½	DRLG.
3:00	3:15	¼	WORK ON #1 PUMP
3:15	5:00	1¾	DRLG.
5:00	5:15	¼	SURVEY @ 2000'
5:15	5:45	½	WORK ON #1 PUMP

5:45 - 7:15 - 1½ DRLG.
7:15 - 7:30 - ¼ SURVEY
7:30 - 8:00 - ½ DRLG.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	
17	STANDS D.P.	1589.64 FT.
2	SINGLES D.P.	61.69 FT.
15	D.C. 6¼ I.D. O.D.	455.45 FT.
	D.C. I.D. O.D.	FT.
	STB. BODY O.D.	FT.
	STB. BODY O.D.	FT.
	RMR. BODY O.D.	FT.
2	SUBS O.D.	6.38 FT.
	BIT OR C.B.	FT.
	KELLY DOWN	22.86 FT.
	TOTAL	2145.00 FT.
	WT. OF STRING	77M LBS.

BIT RECORD

BIT NO.	2
SIZE	7⅞
MFG.	HW
TYPE	X1G
NOZZLE NO.	3
NOZZLE SIZE	12
SER. NO.	21392
DEPTH OUT	
DEPTH IN	1140
TOTAL FTG.	505
TOTAL HR. RUN	38½
COND. OF BIT	RUN
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	10:00	12:00	2:00
WEIGHT	9.3	9.3	9.3
VISC.-SEC	36	35	34
W.L.-C.C.			
FLTR. CK.			
PH	8.0	8.0	8.0
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
D.D.	300#		
Benex	100#		
[illegible]	2#		

DRILLER: D.A. Walker

FOOTAGE / FORMATION

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	S.P.M.	PUMP NO. 2 LINER SIZE	S.P.M.	METHOD RUN
2038	2145	D		[illegible] 1033	120	15	1075	5½	58	5½		S
				10gals Petrol [illegible]	120	15-15	1075	x	58	x		S
								15		12		

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
2064	6½°		2095	6⅞		2127	6°	

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:30	½	DRLG.
8:30	8:45	¼	SURVEY @ 2064
8:45	9:00	¼	RIG SERV + B.OP
9:00	11:30	2½	DRLG.
11:30	11:45	¼	SURVEY @ 2095
11:45	2:30	2¾	DRLG.
2:30	2:45	¼	SURVEY @ 2127
2:45	4:00	1¼	DRLG.

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	
18	STANDS D.P.	1682.64 FT.
2	SINGLES D.P.	62.55 FT.
15	D.C. 6¼ I.D. O.D.	455.45 FT.
	D.C. I.D. O.D.	FT.
	STB. BODY O.D.	FT.
	STB. BODY O.D.	FT.
	RMR. BODY O.D.	FT.
2	SUBS O.D.	6.38 FT.
	BIT OR C.B.	FT.
	KELLY DOWN	34.98 FT.
	TOTAL	2245.00 FT.
	WT. OF STRING	79 M LBS.

BIT RECORD

BIT NO.	2
SIZE	7⅞
MFG.	HW
TYPE	X1G
NOZZLE NO.	3
NOZZLE SIZE	12
SER. NO.	21392
DEPTH OUT	
DEPTH IN	1140
TOTAL FTG.	1105
TOTAL HR. RUN	45½
COND. OF BIT	RUN
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	6:00	8:00	10:00
WEIGHT	9.4	9.4	9.4
VISC.-SEC	35	34	33
W.L.-C.C.		14.0	
FLTR. CK.		3/32	
PH	8.0	8.0	8.0
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
GEL	800#		
Soda Ash	105#		

DRILLER: Phillip D. Doyle

FOOTAGE / FORMATION

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	S.P.M.	PUMP NO. 2 LINER SIZE	S.P.M.	METHOD RUN
2145	2245	D			120	15-15	1075	5½	58	5½		S
								x		x		
								15		12		

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
2157	6°		2188	6°		2220	5¾	

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:45	¾	DRLG.
4:45	5:00	¼	SURVEY @ 2157
5:00	5:15	¼	RIG SERV
5:15	7:15	2	DRLG.
7:15	7:30	¼	SURVEY @ 2188
7:30	9:45	2¼	DRLG.
9:45	10:00	¼	SURVEY @ 2220'
10:00	12:00	2	DRLG.

DAILY DRILLING REPORT

REPORT NO. 6 DATE MARCH 15/70

OPERATOR	PLACID OIL CO.
LEASE	PLACID CHEVRON FOETUS LAKE
WELL NO.	C-49
FIELD OR DIST.	
COUNTY	
STATE	N.W.T.
CONTRACTOR	S & T DRILLING (WESTERN) CO. LTD.
RIG NO.	5
DRILL PIPE STRING NO. / SIZE	2 / 4½
TOOL JOINT	6" O.D.
TYPE THD.	F.H.
SIGNATURE OF OPERATOR'S REPRESENTATIVE	[signature]
SIGNATURE OF CONTRACTOR'S TOOL PUSHER	[signature]

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1	NAT.	C-250	15"
2	NAT.	C-150	12"
3			

LAST CASING TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
8⅝	MANN	24 J55	7	208	12.70	204	

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	7	1¾	6½
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			¾
LUBRICATE RIG	¼	¼	¼
DEVIATION SURVEY	¾	¾	¾
TEST B.O.P.		¼	
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK
HRS. W/DP
HRS. WO/DP
HRS. STANDBY
TOTAL DAY WORK

WIRE LINE RECORD

REEL NO.
NO. OF LINES SIZE
FEET SLIPPED
FEET CUT OFF
PRESENT LENGTH
TON MI. OR TRIPS SINCE LAST CUT
CUMULATIVE TON MI. OR TRIPS
NO. OF DAYS FROM SPUD
CUMULATIVE ROTATING HRS.

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	
14	STANDS D.P.	1307.14 FT.
	SINGLES D.P.	FT.
15	D.C. 6¼ I.D. O.D.	458.75 FT.
	D.C. I.D. O.D.	FT.
	STB. BODY O.D.	FT.
	STB. BODY O.D.	FT.
	RMR. BODY O.D.	FT.
2	SUBS O.D.	6.38 FT.
	BIT OR C.B.	FT.
		FT.
	KELLY DOWN	29.98 FT.
	TOTAL	1802.00 FT.
	WT. OF STRING	68 M LBS.

BIT RECORD

BIT NO.	2
SIZE	7⅞
MFG.	H.W.
TYPE	X1G
NOZZLE NO.	3
NOZZLE SIZE	12
SER. NO.	21392
DEPTH OUT	
DEPTH IN	1640
TOTAL FTG.	162
TOTAL HR. RUN	13¾
COND. OF BIT	Run
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	12:00	3:00	6:00
WEIGHT	8.9	8.9	9.2
VISC.-SEC	28	28	32
W.L.-C.C.			
FLTR. CK.			
PH	8.0		10.5
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
GEL	4000#		
CAUSTIC	100#		

DRILLER: Don Doyle

FOOTAGE / FORMATION

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	S.P.M.	PUMP NO. 2 LINER SIZE	S.P.M.	METHOD RUN
1705	1802	D		FUEL TOP TANK 4-10"	120	15	750	5½ x 15	59	5½ x 12		S

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
1716	7¼°		1750	7½°		1782	6¾°	

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:45	¾	DRLG.
12:45	1:00	¼	SURVEY @ 1716'
1:00	1:15	¼	RIG SERV.
1:15	3:30	2¼	DRLG.
3:30	3:45	¼	SURVEY @ 1750'
3:45	6:15	2½	DRLG.
6:15	6:30	¼	SURVEY @ 1782'
6:30	8:00	1½	DRLG.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	
15	STANDS D.P.	1401.77 FT.
	SINGLES D.P.	FT.
15	D.C. I.D. O.D.	458.45 FT.
	D.C. I.D. O.D.	FT.
	STB. BODY O.D.	FT.
	STB. BODY O.D.	FT.
	RMR. BODY O.D.	FT.
2	SUBS O.D.	6.38 FT.
	BIT OR C.B.	FT.
		FT.
	KELLY DOWN	21.46 FT.
	TOTAL	1888.00 FT.
	WT. OF STRING	70 M LBS.

BIT RECORD

BIT NO.	2
SIZE	7⅞
MFG.	HW
TYPE	X1G
NOZZLE NO.	3
NOZZLE SIZE	12
SER. NO.	21392
DEPTH OUT	
DEPTH IN	1640
TOTAL FTG.	245
TOTAL HR. RUN	20½
COND. OF BIT	RUN
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	10:00	12:00	2:00
WEIGHT	9.2	9.3	9.5
VISC.-SEC	34	33	35
W.L.-C.C.			
FLTR. CK.			
PH	10.5	10.5	10.5
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Gel	700#		
Caustic	6#		

DRILLER: D. A. Walker

FOOTAGE / FORMATION

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	S.P.M.	PUMP NO. 2 LINER SIZE	S.P.M.	METHOD RUN
1802	1888	D			120	15	975	5½ x 15	59	5½ x 12		S

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
1813	6½		1845	6¾		1876	6½	

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:30	½	DRLG. 2:00–4:00 1–DRLG
8:30	8:45	¼	SURVEY @ 1813
8:45	9:00	¼	RIG SERV
9:00	11:00	2	DRLG
11:00	11:15	¼	SURVEY @ 1845
11:15	11:30	¼	CHECK BOP + KELLY COCK
11:30	2:45	3¼	DRLG
2:45	3:00	¼	SURVEY @ 1876

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	
15	STANDS D.P.	1401.77 FT.
2	SINGLES D.P.	62.80 FT.
15	D.C. 6¼ I.D. O.D.	458.45 FT.
	D.C. I.D. O.D.	FT.
	STB. BODY O.D.	FT.
	STB. BODY O.D.	FT.
	RMR. BODY O.D.	FT.
2	SUBS O.D.	6.38 FT.
	BIT OR C.B.	FT.
		FT.
	KELLY DOWN	41.50 FT.
	TOTAL	1970.00 FT.
	WT. OF STRING	72 M LBS.

BIT RECORD

BIT NO.	2
SIZE	7⅞
MFG.	HW
TYPE	X1G
NOZZLE NO.	3
NOZZLE SIZE	12
SER. NO.	21392
DEPTH OUT	
DEPTH IN	1640
TOTAL FTG.	330
TOTAL HR. RUN	26¾
COND. OF BIT	Run
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	6:00
WEIGHT	9.4
VISC.-SEC	34
W.L.-C.C.	
FLTR. CK.	
PH	10.5
SD. CONT. %	
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Gel	800#		
Caustic	2#		

DRILLER: [illegible]

FOOTAGE / FORMATION

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	S.P.M.	PUMP NO. 2 LINER SIZE	S.P.M.	METHOD RUN
1888	1970	D			120	15	1000	5½ x 15	59	5½ x 12		S

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
1908	6½°		1939	6¾°		1970	6¾	

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	6:00	2	DRLG
6:00	6:15	¼	SURVEY @ 1908
6:15	6:30	¼	RIG SERV
6:30	8:15	1¾	DRLG
8:15	8:30	¼	SURVEY @ 1939'
8:30	11:00	2½	DRLG.
11:00	11:15	¼	SURVEY @ 1970'
11:15	12:00	¾	TRIP OUT W/ WASHED SINGLE

DAILY DRILLING REPORT

REPORT NO. 2 DATE March 18/70

OPERATOR	Placid Oil Co.
LEASE	Placid Chevron Foetus Lake
WELL NO.	C-49
FIELD OR DIST.	
COUNTY	
STATE	N. W. T.
CONTRACTOR	S & T DRILLING (WESTERN) CO. LTD.
RIG NO.	5
DRILL PIPE STRING NO. / SIZE	2 / 1⅞
TOOL JOINT	6" O.D.
TYPE THD.	F. H.
SIGNATURE OF OPERATOR'S REPRESENTATIVE	[signature]
SIGNATURE OF CONTRACTOR'S TOOL PUSHER	[signature]

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Nat.	C-250	15"
2.	Nat.	C-150	12"
3.			

LAST CASING, TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
8⅝	Mann	24-J55	7	208	12.70	204	

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	7	2	5½
REAMING		3	
CONDITIONING MUD & CIRCULATING			
TRIPS		1¼	2
LUBRICATE RIG	½	¼	¼
DEVIATION SURVEY		½	¼
TEST B.O.P.		¼	
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER	½	¾	1
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			

WIRE LINE RECORD

REEL NO.	
NO. OF LINES / SIZE	
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	FT.
12	STANDS D.P.	1123.94
	SINGLES D.P.	
15	D.C. 6¼ I.D. O.D.	458.45
	D.C. I.D. O.D.	
	STB. BODY O.D.	
	STB. BODY O.D.	
	RMR. BODY O.D.	
2	SUBS O.D.	18.84
	BIT OR C.B.	
	KELLY DOWN	30.77
	TOTAL	1632.00
	WT. OF STRING	68 M LBS.

BIT RECORD

BIT NO.	1
SIZE	7⅞
MFG.	Reed
TYPE	ST3
NOZZLE NO.	2 / 1
NOZZLE SIZE	12 / 13
SER. NO.	156799
DEPTH OUT	
DEPTH IN	327
TOTAL FTG.	1305
TOTAL HR. RUN	30¼
COND. OF BIT	Run
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	12:00	2:00	6:00
WEIGHT	9.3	8.9	9.0
VISC.—SEC			
W.L.—C.C.			
FLTR. CK.			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Ben-Ex	2#		

DRILLER Don Doyle

FOOTAGE / FORMATION

FROM	TO	DR—D RM—R CORE—C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD RUN
1400	1632	D			90	30	900	5½	54	5½		S
					90	30	850	x	59	x		
								15		12		

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
1611	5							

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼	Rig Serv.
12:15	1:00	¾	Drlg.
1:00	1:30	½	Displace Hole + Clean all mud tanks
1:30	7:00	5½	Drlg.
7:00	7:15	¼	Survey @ 1611'
7:15			Drlg

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	FT.
12	STANDS D.P.	1123.94
1	SINGLES D.P.	97.37
15	D.C. 6¼ I.D. O.D.	458.45
	D.C. I.D. O.D.	
	STB. BODY O.D.	
	STB. BODY O.D.	
	RMR. BODY O.D.	
3	SUBS O.D.	11.51
	BIT OR C.B.	
	KELLY DOWN	23.41
	TOTAL	1655.00
	WT. OF STRING	66 M LBS.

BIT RECORD

BIT NO.	1	2
SIZE	7⅞	7⅞
MFG.	Reed	HW
TYPE	ST3	X1G
NOZZLE NO.	2 1	3
NOZZLE SIZE	12 13	12
SER. NO.	156799	21392
DEPTH OUT	1640	
DEPTH IN	327	1640
TOTAL FTG.	1313	15
TOTAL HR. RUN	31	1¼
COND. OF BIT	2-1-1	Run
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME	10:00	12:00	2:00
WEIGHT	8.9	8.9	9.0
VISC.—SEC	29	27	29
W.L.—C.C.			
FLTR. CK.			
PH	8.0	8.0	8.0
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER D. A. Walker

FOOTAGE / FORMATION

FROM	TO	DR—D RM—R CORE—C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD RUN
1632	1655	D			120	5	750	5½	59	5½		S
								x		x		
								15		12		

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
1640	6½		1508	1½				

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼	Drlg
8:15	8:30	¼	Rig Serv Grease Swivel
8:30	8:45	¼	Survey @ 1640
8:45	9:15	½	Drlg
9:15	10:00	¾	[illegible]
10:00	10:15	¼	[illegible] Kelly cock
10:15	10:45	½	Change bits + reposition stabilizers
10:45	11:15	½	Run in to 1500'

11¹⁵–11³⁰ – ¼ – Survey @ 1508'
11³⁰–11⁴⁵ – ¼ – Finish in + [illegible]
11⁴⁵–2⁰⁰ – 3 – Fanning 110' to Bottom
2⁰⁰–4⁰⁰ – 1¼ – Drlg

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	FT.
13	STANDS D.P.	1213.30
	SINGLES D.P.	
15	D.C. 6¼ I.D. O.D.	455.45
	D.C. I.D. O.D.	
	STB. BODY O.D.	
	STB. BODY O.D.	
	RMR. BODY O.D.	
~~3~~	SUBS O.D.	~~11.51~~
	BIT OR C.B.	
2	SUBS	6.38
	KELLY DOWN	26.97
	TOTAL	1705.00
	WT. OF STRING	68 M LBS.

BIT RECORD

BIT NO.	2
SIZE	7⅞
MFG.	HW
TYPE	X1G
NOZZLE NO.	3
NOZZLE SIZE	12
SER. NO.	21392
DEPTH OUT	
DEPTH IN	1640
TOTAL FTG.	65
TOTAL HR. RUN	6¼
COND. OF BIT	Run
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME			11:00
WEIGHT			9.0
VISC.—SEC			27
W.L.—C.C.			
FLTR. CK			
PH			8.0
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER [signature]

FOOTAGE / FORMATION

FROM	TO	DR—D RM—R CORE—C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	PUMP NO. 1 S.P.M.	PUMP NO. 2 LINER SIZE	PUMP NO. 2 S.P.M.	METHOD RUN
1655	1705	D			120	5	775	5½	59	5½		S
								x		x		
								15		12		

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
1668	7½							

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	7:15	3¼	Drlg
7:15	7:30	¼	Survey @ 1668
7:30	7:45	¼	Rig Serv
7:45	8:00	¼	Drlg
8:00	9:15	1¼	Trip out + lay down shock sub & 1 stabilizer
9:15	10:00	¾	Run in hole with stabilizer at 30'
10:00	12:00	2	Drlg. with 15 M# + 120 RPM

DAILY DRILLING REPORT

REPORT NO. 4 DATE March 13 '7[illegible]

OPERATOR	Placid Oil Co.
LEASE	Placid Chevron Faetus Lake
WELL NO.	E-49
FIELD OR DIST.	G1-10 126-30
COUNTY	
STATE	N.W.T.
CONTRACTOR	S & T DRILLING (WESTERN) CO. LTD.
RIG NO.	5
DRILL PIPE STRING	NO. 2 SIZE 4½
TOOL JOINT	1" O.D.
TYPE THD.	F.H.
SIGNATURE OF OPERATOR'S REPRESENTATIVE	[illegible signature]
SIGNATURE OF CONTRACTOR'S TOOL PUSHER	[illegible signature]

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Nat.	C-250	15"
2.	Nat.	C-150	12"
3.			

LAST CASING, TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
8⅝	Mann	24-J55	7	208	12.70	204	K.B. To Ground 13.60; K.B. To Csg. Bowl 12.7[illegible]

TIME DISTRIBUTION–HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	7¼	7	7½
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG	¼	¼	¼
DEVIATION SURVEY	½	½	¼
TEST B.O.P.		¼	
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK	
HRS. W/DP	
HRS. WO/DP	
HRS. STANDBY	
TOTAL DAY WORK	

WIRE LINE RECORD

REEL NO.	
NO. OF LINES / SIZE	
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	FT.
4	STANDS D.P.	371.97
	SINGLES D.P.	
15	D.C. 6¼ I.D. O.D.	458.45
	SUBS O.D.	18.84
	KELLY DOWN	19.74
	TOTAL	868.00
	WT. OF STRING	58 M LBS.

BIT RECORD

BIT NO.	1
SIZE	7⅞
MFG.	Reed
TYPE	ST3
NOZZLE NO.	2 1
NOZZLE SIZE	12 13
SER. NO.	151799
DEPTH OUT	
DEPTH IN	327
TOTAL FTG.	541
TOTAL HR. RUN	9¾
COND. OF BIT	Run
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	12:00	3:00	6:00
WEIGHT	8.5	8.6	8.9
VISC.–SEC	28	28	28
W.L.–C.C.			
FLTR. CK.			
PH	9.0		8.0

MUD & CHEMICALS ADDED

TYPE	AMT.
B. Carb	300#
Benex	14#
Soap	50#

DRILLER Don Doyle

FOOTAGE / FORMATION

FROM	TO	DR-D RM-R CORE-C	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	S.P.M.	PUMP NO. 2 LINER SIZE	S.P.M.	METHOD RUN
327	868	D	75	25	800	5½	60	5½		S
			75	30	850	x	59	x		
						15		12		

DEVIATION RECORD

DEPTH	DEV.	DEPTH	DEV.
550	½°	768	½°

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼	Rig Serv.
12:15	1:45	1½	Drlg. 7⅞" Hole
1:45	2:00	¼	Survey @ 550'
2:00	5:30	3½	Drlg. 7⅞" Hole
5:30	5:45	¼	Survey @ 768'
5:45	8:00	2¼	Drlg. 7⅞" Hole

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	FT.
7	STANDS D.P.	654.05
	SINGLES D.P.	
15	D.C. 6¼ I.D. O.D.	458.45
4	SUBS O.D.	18.84
	KELLY DOWN	40.66
	TOTAL	1172.00
	WT. OF STRING	60 M LBS.

BIT RECORD

BIT NO.	1
SIZE	7⅞
MFG.	Reed
TYPE	ST3
NOZZLE NO.	2 1
NOZZLE SIZE	12 13
SER. NO.	151799
DEPTH OUT	
DEPTH IN	327
TOTAL FTG.	845
TOTAL HR. RUN	18¾
COND. OF BIT	Run
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	10:00	1:00	3:00
WEIGHT	9.1	9.5	9.5

MUD & CHEMICALS ADDED

TYPE	AMT.
Benex	8#

DRILLER R.A. Walker

FOOTAGE / FORMATION

FROM	TO	DR-D RM-R CORE-C	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	S.P.M.	PUMP NO. 2 LINER SIZE	S.P.M.	METHOD RUN
868	1172	D	90	30	900	5½	59	5½		S
						x		x		
						15		12		

DEVIATION RECORD

DEPTH	DEV.	DEPTH	DEV.
934	½°	1172	¼°

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:30	½	Drlg.
8:30	8:45	¼	Rig Serv. Grease Swivel
8:45	9:00	¼	Check BOP + Kelly Cock
9:00	10:45	1¾	Drlg.
10:45	11:00	¼	Survey @ 934
11:00	3:45	4¾	Drlg.
3:45	4:00	¼	Survey @ 1172

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	FT.
9	STANDS D.P.	843.25
2	SINGLES D.P.	62.62
15	D.C. 6¼ I.D. O.D.	458.45
4	SUBS O.D.	18.84
	KELLY DOWN	16.84
	TOTAL	1400.00
	WT. OF STRING	63 M LBS.

BIT RECORD

BIT NO.	1
SIZE	7⅞
MFG.	Reed
TYPE	ST3
NOZZLE NO.	2 1
NOZZLE SIZE	12 13
SER. NO.	151799
DEPTH OUT	
DEPTH IN	327
TOTAL FTG.	1073
TOTAL HR. RUN	23¾
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	4:00	8:00	10:30
WEIGHT	9.5	9.5	9.4

MUD & CHEMICALS ADDED

TYPE	AMT.
Benex	2#

DRILLER [illegible] Walker L. Doyle

FOOTAGE / FORMATION

FROM	TO	DR-D RM-R CORE-C	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	S.P.M.	PUMP NO. 2 LINER SIZE	S.P.M.	METHOD RUN
1172	1400	D	90	30	900	5½	59	5½		S
						x		x		
						15		12		

DEVIATION RECORD

DEPTH	DEV.
1393	¾°

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	¼	Rig Serv.
4:15	11:15	7	Drlg.
11:15	11:30	¼	Survey @ 1393'
11:30	12:00	½	Drlg.

DAILY DRILLING REPORT

REPORT NO. 2 DATE March 12/60

Field	Entry
OPERATOR	Placid Oil
LEASE	Placid Chevron Fector Lake
WELL NO.	G-49
FIELD OR DIST.	
COUNTY	
STATE	N.W.T.
CONTRACTOR	S & T DRILLING (WESTERN) CO. LTD.
RIG NO.	5
DRILL PIPE STRING NO. / SIZE	2 / 1¼
TOOL JOINT	6" O.D.
TYPE THD.	F.H.
SIGNATURE OF OPERATOR'S REPRESENTATIVE	
SIGNATURE OF CONTRACTOR'S TOOL PUSHER	[signature]

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1	Nat. -	P-250	15"
2	Nat.	P-150	12"
3			

LAST CASING, TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
9 5/8	Mann	24-J55	7	208	12.70	204	K.B. To Ground 13.60
							K.B. To Csg Bowl 12.70

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG			
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS			

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK	
HRS. W/DP	
HRS. WO/DP	
HRS. STANDBY	
TOTAL DAY WORK	

WIRE LINE RECORD

REEL NO.	
NO. OF LINES / SIZE	
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

Drilling assembly, bit record, mud record, footage, formation and deviation record: no entries.

DRILLER: Don Doyle

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	4:00	4	Weld on Csg. Bowl
4:00	8:00	4	Head up B.O.P.
			Ground Elev. - 648
			K.B. Elev. - 662
			K.B. to Sfc. Csg. Flange - 12.70
			K.B. to Ground. - 13.60

DAY TOUR

BIT RECORD: BIT NO. RR 2A; SIZE 7⅞; MFG. HW; TYPE X16; NOZZLE NO. 3/8, SIZE FN; SER. NO. 18713; DEPTH IN 8K11; TOTAL HR. RUN Out

FOOTAGE FROM: 327

DRILLER: O. C. Wilbur

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	12:00	4	Finish head up B.O.P.
12:00	12:30	½	Break circ. + press blind rams 1000 P.S.I. OK
12:30	1:30	1	Rig to + run in w/ bit (Plug @ 180')
1:30	2:30	1	Press pipe rams Hydril + manifold valves
			1000 PSI OK + motor shut offs OK
2:30	3:00	½	Blow out manifold w/ steam
3:00	4:00	1	Drill out cement float + shoe

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.				FT.
	STANDS D.P.			
	SINGLES D.P.			
11	D.C.	6¼	337.38	
	D.C.			
1	STB. BODY		4.03	
1	STB. BODY		3.53	
1	RMR. STB. BODY		2.78	
1	SUBS		8.50	
	BIT OR C.B.			
	KELLY DOWN		41.56	
	TOTAL		397.00	

WT. OF STRING: 44 M LBS.

BIT RECORD

BIT NO.	1
SIZE	7⅞
MFG.	Reed
TYPE	ST3
NOZZLE NO. / SIZE	2 1 / 2 13
SER. NO.	156794
DEPTH OUT	
DEPTH IN	327
TOTAL FTG.	70
TOTAL HR. RUN	1½
COND. OF BIT	Run
REAMER NO.	
REAMER TYPE	

MUD RECORD

VISC.—SEC: Water

FOOTAGE / FORMATION

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	S.P.M.	PUMP NO. 2 LINER SIZE	S.P.M.	METHOD RUN
327	397	D			75	15	800	5½ x 15	60	5½ x 12		S

DRILLER: [signatures]

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	7:00	3	Finish drill out
7:00	9:00	2	Clean out to bottom of pilot hole
9:00	9:30	½	Drlg 7⅞" hole
9:30			Trip pick up stabilizer's + clean suction tank
	11:00	1½	Run in w/ bit #1
11:00	12:00	1	Drlg. 7⅞" hole

DAILY DRILLING REPORT

REPORT NO.	6
DATE	March 11
OPERATOR	Placid Oil
LEASE	Placid Chevron Foster Lake
WELL NO.	C-49
FIELD OR DIST.	N.W.T.
COUNTY	
STATE	
CONTRACTOR	S & T DRILLING (WESTERN) CO. LTD.
RIG NO.	5
DRILL PIPE STRING NO. / SIZE	4½
TOOL JOINT TYPE THD.	F. H.
SIGNATURE OF OPERATOR'S REPRESENTATIVE	[illegible signature]
SIGNATURE OF CONTRACTOR'S TOOL PUSHER	G. E. Dudley

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	NAT	C250	15
2.	NAT	C150	12
3.			

LAST CASING, TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
8 5/8	MANN	24 J55	7	208		204	

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING	✓		
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG			
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS			

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK	
HRS. W/DP	
HRS. WO/DP	
HRS. STANDBY	
TOTAL DAY WORK	

WIRE LINE RECORD

REEL NO.	
NO. OF LINES / SIZE	
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	FT.
	STANDS D.P.	
	SINGLES D.P.	
4	D.C. I.D. O.D.	121.20
	D.C. I.D. O.D.	
	STB. BODY O.D.	
	STB. BODY O.D.	
	RMR. BODY O.D.	
1	SUBS	9.50
1	BIT OR C.B.	3.15
	KELLY DOWN	
	TOTAL	
	WT. OF STRING	28 M LBS.

BIT RECORD

BIT NO.	3A	12¼
SIZE	7⅞	12¼
MFG.	REED	[illegible]
TYPE	YT1AG	S
NOZZLE NO.	1	2
NOZZLE SIZE	16	0 / 28
SER. NO.	72919	[illegible]
DEPTH OUT	327	
DEPTH IN	140	50
TOTAL FTG.	187	110
TOTAL HR. RUN	7¼	5
COND. OF BIT	3-2-1	RUN
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME	1:00	11:30	7:00
WEIGHT			
VISC.—SEC	118	50	118
W.L.—C.C.			
FLTR. CK.			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
GEL	500		

DRILLER: Dennis D. [illegible]

FOOTAGE / FORMATION

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	S.P.M.	PUMP NO. 2 LINER SIZE	S.P.M.	METHOD RUN
295	327	D			70	12	575	7¼	57	5½	68	S
50	160	R			60	4	375	x		x		
								15		12		

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
327	¼							

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼	Rig Ser
12:15	2:15	2	~~[illegible]~~ / DRLG 7⅞ Pilot Hole
2:15	2:30	¼	Survey
2:30	3:00	½	Trip Run in 12¼
3:00	8:00	5	Ream 12¼ Hole

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	FT.
	STANDS D.P.	
	SINGLES D.P.	
5	D.C. 6¼ I.D. O.D.	153.11
	D.C. I.D. O.D.	
	STB. BODY O.D.	
	STB. BODY O.D.	
	RMR. BODY O.D.	
	SUBS 7⅝ O.D.	1.00
	BELL SUB / BIT OR C.B.	3.15
	SHOCK SUB	8.50
	KELLY DOWN	38.24
	TOTAL	204.00
	WT. OF STRING	28 M LBS.

BIT RECORD

BIT NO.	RR 4A
SIZE	12¼
MFG.	REED
TYPE	YMAT
NOZZLE NO.	3
NOZZLE SIZE	28
SER. NO.	922149
DEPTH OUT	204
DEPTH IN	50
TOTAL FTG.	154
TOTAL HR. RUN	6½
COND. OF BIT	3-3-1
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	10:30
WEIGHT	
VISC.—SEC	70
W.L.—C.C.	
FLTR. CK.	
PH	
SD. CONT. %	
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Gel	300		

DRILLER: D. R. Zelder

FOOTAGE / FORMATION

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	S.P.M.	PUMP NO. 2 LINER SIZE	S.P.M.	METHOD RUN
160	204	R			60	4-8	425	7¼	58	5½		S
								x		x		
								15		12		

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
204	⅞							

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:30	½	REAMING
8:30	8:45	¼	RIG SERV GREASE SWIVEL & KELLY COCK
8:45	9:30	¾	HOIST STRAP PIPE & BIT + RUN IN
9:30	10:45	1¼	REAMING (3:00 – 6:00 – 1 – STAND)
10:45	11:15	½	CIRC COND HOLE TO RUN CSG. (CSG IN REAMING RUN)
11:15	11:30	¼	DROP SURVEY
11:30	12:00	½	HOIST TO RUN CSG. (W/ BIT FROM 160' TO)
12:00	3:00	3	RIG TO + RUN 8⅝" CSG. W/ [illegible] (204')

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	FT.
	STANDS D.P.	
	SINGLES D.P.	
	D.C. I.D. O.D.	
	D.C. I.D. O.D.	
	STB. BODY O.D.	
	STB. BODY O.D.	
	RMR. BODY O.D.	
	SUBS O.D.	
	BIT OR C.B.	
	KELLY DOWN	
	TOTAL	
	WT. OF STRING	LBS.

BIT RECORD

BIT NO.	
SIZE	
MFG.	
TYPE	
NOZZLE NO.	
NOZZLE SIZE	
SER. NO.	
DEPTH OUT	
DEPTH IN	
TOTAL FTG.	
TOTAL HR. RUN	
COND. OF BIT	
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME	
WEIGHT	
VISC.—SEC	
W.L.—C.C.	
FLTR. CK	
PH	
SD. CONT. %	
PRESSURE GRADIENT	

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER: [illegible] D. Dai[illegible]

FOOTAGE / FORMATION

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	5:15	1¼	FINISH REAM TO 204'
5:15	6:00	¾	HOIST BIT + RUN IN CSG.
6:00	6:30	½	CIRC CSG
6:30	7:00	½	CEMENT CSG. / 11:00/12:00 [illegible] CUT OFF CSG.
7:00	11:00	4	W.O.C.

Ran 7 jts (202.75) of 8⅝, 24.0#, J-55, ST+C, new Mann. Csg. Set on bott. at 204' + Cemented with 140 sax neat cmt plus 3% CaCl2. Good returns to surface. Plug down at 6:55 P.M. Davis guide shoe + float collar. (7 jts.)

DAILY DRILLING REPORT

REPORT NO. 2 | DATE March 10

OPERATOR	Placid Oil
LEASE	Placid Chevron Lactea Lake
WELL NO.	C-47
FIELD OR DIST.	N.W.T.
COUNTY	
STATE	
CONTRACTOR	S & T DRILLING (WESTERN) CO. LTD.
RIG NO.	5
DRILL PIPE STRING NO. / SIZE	
TOOL JOINT O.D. / TYPE THD.	F.H
SIGNATURE OF OPERATOR'S REPRESENTATIVE	[signature]
SIGNATURE OF CONTRACTOR'S TOOL PUSHER	[signature]

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	NAT	C 250	14
2.	NAT	C 150	12
3.			

LAST CASING, TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	3½	6½	7
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS		½	
LUBRICATE RIG	¼	¼	¼
DEVIATION SURVEY	¼	¾	¾
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER	1½		
FISHING			
COMPLETION WORK A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			

WIRE LINE RECORD

REEL NO.	
NO. OF LINES / SIZE	
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	FT.
	STANDS D.P.	
	SINGLES D.P.	
2	D.C. I.D. O.D.	59.12
	D.C. I.D. O.D.	
	STB. BODY O.D.	
	STB. BODY O.D.	
	RMR. BODY O.D.	
	SUBS O.D.	2.50
	BIT OR C.B.	
	KELLY DOWN	111.50
	TOTAL	109.
	WT. OF STRING	25 M LBS.

BIT RECORD

BIT NO.	A	1RR	2RR
SIZE		12¼	7⅞
MFG.		Reed	H.W
TYPE		MG5	X1G
NOZZLE NO.		0	2 0
NOZZLE SIZE		0	16 0
SER. NO.		55151	8713
DEPTH OUT		50	—
DEPTH IN		0	50
TOTAL FTG.		50	49
TOTAL HR. RUN		11¾	3¼
COND. OF BIT		4-4-I	Run
REAMER NO.			
REAMER TYPE			

MUD RECORD

TIME	2:00	5:00	7:00
WEIGHT			
VISC.-SEC	33	70	70
W.L.-C.C.			
FLTR. CK.			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Gel	1500	—	
Lime	50		

DRILLER [signature]

FOOTAGE / FORMATION

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN SGL-S PAR'EL-P COM'D-C
10	50			Fuel Rig Tank 27"				7¼		5½		
50	109				45-50		550	x		x		S
								15		12		

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
79	¼°							

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12⁰⁰	12¹⁵	¼	Rig Ser
12¹⁵	4⁰⁰	3¾	Drill 12¼ Hole
4⁰⁰	4³⁰	½	Laydown Bit & Bell sub pick up shock sub
4³⁰	5⁴⁵	1¼	Drlg 7⅞ Pilot Hole
5⁴⁵	6⁰⁰	¼	Survey
6⁰⁰	8⁰⁰	2	Drlg 7⅞ Pilot Hole

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	FT.
	STANDS D.P.	
	SINGLES D.P.	
5	D.C. 6¼ I.D. O.D.	152.01
	D.C. I.D. O.D.	
	STB. BODY O.D.	
	STB. BODY O.D.	
	RMR. BODY O.D.	
	SUBS O.D.	
	BIT OR C.B.	
	Shock sub	3.50
	KELLY DOWN	39.49
	TOTAL	190.00
	WT. OF STRING	28 M LBS.

BIT RECORD

BIT NO.	R.R	2A	3A
SIZE		7⅞	7⅞
MFG.		H.W	Reed
TYPE		X1G	Y11RC-T
NOZZLE NO.		2 1	2 1
NOZZLE SIZE		16 ⁹⁄₃₂	16 ⁹⁄₃₂
SER. NO.		18713	75319
DEPTH OUT		140	
DEPTH IN		50	140
TOTAL FTG.		90	50
TOTAL HR. RUN		5½	4¼
COND. OF BIT		5-2-1	Run
REAMER NO.			
REAMER TYPE			

MUD RECORD

TIME			
WEIGHT			
VISC.-SEC			
W.L.-C.C.			
FLTR. CK.			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER D. A. Walker

FOOTAGE / FORMATION

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	S.P.M.	PUMP NO. 2 LINER SIZE	S.P.M.	METHOD RUN SGL-S PAR'EL-P COM'D-C
109	190	D			70	2-5	575	7¼	57	5½		S
								x		x		
								15		12		

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
100'	¼°		130	½°		170	⅞°	

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8⁰⁰	8³⁰	½	Drlg. — 2⁰⁰–3¹⁵ – 1¼ – Survey
8³⁰	8⁴⁵	¼	Survey — 3¹⁵–4⁰⁰ – ¾ – Drlg.
8⁴⁵	9⁰⁰	¼	Rig Serv
9⁰⁰	10¹⁵	1¼	Drlg
10¹⁵	10³⁰	¼	Survey
10³⁰	11⁰⁰	½	Drlg.
11⁰⁰	11³⁰	½	Trip for Bit
11³⁰	3⁰⁰	3½	Drlg.

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	FT.
	STANDS D.P.	
	SINGLES D.P.	
8	D.C. I.D. O.D.	215.96
	D.C. I.D. O.D.	
	STB. BODY O.D.	
	STB. BODY O.D.	
	RMR. BODY O.D.	
	SUBS O.D.	~~2.50~~
	BIT OR C.B.	
	Shock sub	3.50
	KELLY DOWN	11.50
	TOTAL	295.
	WT. OF STRING	34 LBS.

BIT RECORD

BIT NO.	3A
SIZE	7⅞
MFG.	Reed
TYPE	Y11RC-T
NOZZLE NO.	2 1
NOZZLE SIZE	16 ⁹⁄₃₂
SER. NO.	75319
DEPTH OUT	
DEPTH IN	140
TOTAL FTG.	150
TOTAL HR. RUN	4¾
COND. OF BIT	Run
REAMER NO.	
REAMER TYPE	

MUD RECORD

TIME		9:00	11:00
WEIGHT			
VISC.-SEC		50	46
W.L.-C.C.			
FLTR. CK			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER [signature]

FOOTAGE / FORMATION

FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN SGL-S PAR'EL-P COM'D-C
190	295	D			70-100	2-5	575	7¼	57	5½		S
								x		x		
								15		12		

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
200	1°		265	½				

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4⁰⁰	4¹⁵	¼	Rig Serv
4¹⁵	5⁰⁰	¾	Drlg.
5⁰⁰	5¹⁵	¼	Survey
5¹⁵	9⁴⁵	4½	Drlg.
9⁴⁵	10⁰⁰	¼	Survey
10⁰⁰	12	2	Drlg 7⅞ Pilot Hole

DAILY DRILLING REPORT

REPORT NO. 2 DATE March 10 [illegible]

OPERATOR	Placid Oil
LEASE	Placid Chevron [illegible] Lake
WELL NO.	C-49
FIELD OR DIST.	N.W.T.
COUNTY	
STATE	
CONTRACTOR	S & T DRILLING (WESTERN) CO. LTD.
RIG NO.	5
DRILL PIPE STRING NO. / SIZE	
TOOL JOINT O.D. / TYPE THD.	F.H.
SIGNATURE OF OPERATOR'S REPRESENTATIVE	[signature]
SIGNATURE OF CONTRACTOR'S TOOL PUSHER	[signature]

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	NAT	C 250	15
2.	NAT	C 150	12
3.			

LAST CASING, TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	3¾	6½	7½
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS		½	
LUBRICATE RIG	¼	¼	
DEVIATION SURVEY	¼	¾	½
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER	1¾		
FISHING			
COMPLETION WORK A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	8	8	8

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK	
HRS. W/DP	
HRS. WO/DP	
HRS. STANDBY	
TOTAL DAY WORK	

WIRE LINE RECORD

REEL NO.	
NO. OF LINES / SIZE	
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	
	STANDS D.P.	FT.
	SINGLES D.P.	FT.
2	D.C.	59.12 FT.
	SUBS	8.50 FT.
	KELLY DOWN	111.00 FT.
	TOTAL	109 FT.
	WT. OF STRING	2500 LBS.

BIT RECORD

BIT NO.	A 1RR	2RR
SIZE	12¼	7⅞
MFG.	Reed	HW
TYPE	MG5	X16
NOZZLE NO.	0	3
NOZZLE SIZE	0	16
SER. NO.	551501	9413
DEPTH OUT	50	
DEPTH IN	0	50
TOTAL FTG.	50	49
TOTAL HR. RUN	4¾	3¾
COND. OF BIT	[illegible]	[illegible]
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME	2:00	5:00	7:00
WEIGHT			
VISC.-SEC	33	70	70

MUD & CHEMICALS ADDED: Gel 1500; Lime 50

DRILLER: Duane [illegible]

FOOTAGE / FORMATION

FROM	TO	FORMATION	ROTARY RPM	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. LINER SIZE	METHOD RUN
10	50	Fuel Rig Tank 39°			7½ x 15	5½ x 12	S
50	109		40	550			

DEVIATION RECORD: Depth 79, Dev. ¾°

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12⁰⁰	12¹⁵	¼	Rig Ser
12¹⁵	4⁰⁰	3¾	Drill 12¼ Hole
4⁰⁰	4³⁰	½	Lay down bit & Bell sub pick up shock sub
4³⁰	5⁴⁵	1¼	Drlg 7⅞ Pilot Hole
5⁴⁵	6⁰⁰	¼	Survey
6⁰⁰	8⁰⁰	2	Drlg 7⅞ Pilot Hole

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	
	STANDS D.P.	FT.
	SINGLES D.P.	FT.
5	D.C. 6¼	152.61 FT.
	SHOCK SUB	8.50 FT.
	KELLY DOWN	99.64 FT.
	TOTAL	190.00 FT.
	WT. OF STRING	25 M LBS.

BIT RECORD

BIT NO.	RR 2A	3A
SIZE	7⅞	7⅞
MFG.	HW	Reed
TYPE	X16	Y [illegible]
NOZZLE NO.	2 1	2 1
NOZZLE SIZE	16	16
SER. NO.	18713	73519
DEPTH OUT	140	
DEPTH IN	50	140
TOTAL FTG.	90	50
TOTAL HR. RUN	5½	4¼
COND. OF BIT	5-2-1	Run

DRILLER: D. A. Walters

FOOTAGE / FORMATION

FROM	TO	DR-D RM-R CORE-C	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1 LINER SIZE	S.P.M.	PUMP NO. 2 LINER SIZE	METHOD RUN
109	190	D	70	2-5	575	7¼ x 15	57	5½ x 12	S

DEVIATION RECORD

DEPTH	DEV.	DEPTH	DEV.	DEPTH	DEV.
100	¾°	130	½°	170	¾°

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8⁰⁰	8³⁰	½	Drlg. 2⁰⁰–3¹⁵–¼ – Survey
8³⁰	8⁴⁵	¼	Survey 2¹⁵–4⁰⁰–¾ – Drlg.
8⁴⁵	9⁰⁰	¼	Rig Serv
9⁰⁰	10¹⁵	1¼	Drlg
10¹⁵	10³⁰	¼	Survey
10³⁰	11⁰⁰	½	Drlg.
11⁰⁰	11³⁰	½	Trip for Bit
11³⁰	3⁰⁰	3½	Drlg.

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.	ITEM	
	STANDS D.P.	FT.
	SINGLES D.P.	FT.
8	D.C.	245.96 FT.
	SUBS	[illegible] FT.
	SHOCK SUB	8.50 FT.
	KELLY DOWN	41.50 FT.
	TOTAL	295 FT.
	WT. OF STRING	38 LBS.

BIT RECORD

BIT NO.	3A
SIZE	7⅞
MFG.	Reed
TYPE	Y [illegible]
NOZZLE NO.	2 1
NOZZLE SIZE	16
SER. NO.	73519
DEPTH OUT	
DEPTH IN	140
TOTAL FTG.	150
TOTAL HR. RUN	[illegible]
COND. OF BIT	[illegible]

MUD RECORD

TIME	9:00	11:00
VISC.-SEC	50	46

DRILLER: [signature]

FOOTAGE / FORMATION

FROM	TO	DR-D RM-R CORE-C	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	METHOD RUN
190	295	D	70-100	2-5	575	7¼ x 15	57	5½ x 12	S

DEVIATION RECORD

DEPTH	DEV.	DEPTH	DEV.
200	1°	265	½

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4⁰⁰	4¹⁵	¼	Rig Serv
4¹⁵	5⁰⁰	¾	Drlg.
5⁰⁰	5¹⁵	¼	Survey
5¹⁵	9⁴⁵	4½	Drlg.
9⁴⁵	10⁰⁰	¼	Survey
10⁰⁰	12	2	Drlg 7⅞ Pilot Hole

DAILY DRILLING REPORT — REPORT NO. — DATE June 9

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Placid Oil Company	Placid Chevron Foetus Lake P-49	P-49	N.W.T.		

CONTRACTOR	RIG NO.	DRILL PIPE STRING NO.	SIZE	TOOL JOINT O.D. / TYPE THD.
S & T DRILLING (WESTERN) CO. LTD.	5			

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [illegible]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Geo E Wickham

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	NAT	C 250	15
2.	NAT	C 150	14
3.			

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			1
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG			
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
BORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER	8		7
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	4		8

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			

WIRE LINE RECORD

REEL NO.	
NO. OF LINES	SIZE
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
	STANDS D.P.	FT.	BIT NO.		TIME	
	SINGLES D.P.	FT.	SIZE		WEIGHT	
	D.C. I.D. O.D.	FT.	MFG.		VISC.-SEC	
	D.C. I.D. O.D.	FT.	TYPE		W.L.-C.C.	
	STB. BODY O.D.	FT.	NOZZLE NO. / SIZE		FLTR. CK.	
	STB. BODY O.D.	FT.	SER. NO.		PH	
	RMR. BODY O.D.	FT.	DEPTH OUT		SD. CONT. %	
	SUBS O.D.	FT.	DEPTH IN		PRESSURE GRADIENT	
	BIT OR C.B.	FT.	TOTAL FTG.		MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT.	
		FT.	TOTAL HR. RUN			
	KELLY DOWN	FT.	COND. OF BIT			
	TOTAL	FT.	REAMER NO.			
WT. OF STRING		LBS.	REAMER TYPE		DRILLER Duane Ridford	

FOOTAGE FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN SGL-S PART'L-P COM'D-C

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	9:00		Rigging up to spud

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
	STANDS D.P.	FT.	BIT NO.		TIME	
	SINGLES D.P.	FT.	SIZE		WEIGHT	
	D.C. I.D. O.D.	FT.	MFG.		VISC.-SEC	
	D.C. I.D. O.D.	FT.	TYPE		W.L.-C.C.	
	STB. BODY O.D.	FT.	NOZZLE NO. / SIZE		FLTR. CK.	
	STB. BODY O.D.	FT.	SER. NO.		PH	
	RMR. BODY O.D.	FT.	DEPTH OUT		SD. CONT. %	
	SUBS O.D.	FT.	DEPTH IN		PRESSURE GRADIENT	
	BIT OR C.B.	FT.	TOTAL FTG.		MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT.	
		FT.	TOTAL HR. RUN			
	KELLY DOWN	FT.	COND. OF BIT		Bit Record	
	TOTAL	FT.	REAMER NO.		Time 90	
WT. OF STRING		LBS.	REAMER TYPE		DRILLER [illegible]	

FOOTAGE FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN SGL-S PART'L-P COM'D-C

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	3:00	7	RIG TO DRILL MOUSE HOLE & RAT HOLE
			PICK UP & RIG UP POWER SWIVEL
3:00	4:00	1	DRILL MOUSE HOLE W/ POWER SWIVEL 9 7/8" BIT

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
	STANDS D.P.	FT.	BIT NO.		TIME	
	SINGLES D.P.	FT.	SIZE		WEIGHT	
	D.C. I.D. O.D.	FT.	MFG.		VISC.-SEC	
	D.C. I.D. O.D.	FT.	TYPE		W.L.-C.C.	
	STB. BODY O.D.	FT.	NOZZLE NO. / SIZE		FLTR. CK	
	STB. BODY O.D.	FT.	SER. NO.		PH	
	RMR. BODY O.D.	FT.	DEPTH OUT		SD. CONT. %	
	SUBS O.D.	FT.	DEPTH IN		PRESSURE GRADIENT	
	BIT OR C.B.	FT.	TOTAL FTG.		MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT.	
		FT.	TOTAL HR. RUN			
	KELLY DOWN	FT.	COND. OF BIT			
	TOTAL	FT.	REAMER NO.			
WT. OF STRING		LBS.	REAMER TYPE		DRILLER [illegible]	

FOOTAGE FROM	TO	DR-D RM-R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	S.P.M.	PUMP NO. LINER SIZE	S.P.M.	METHOD RUN SGL-S PART'L-P COM'D-C
0	10											

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
11:00	5:00	1	FINISH DRILL MOUSE HOLE
5:00	9:30	4½	CHANGE BITS & DRILL RAT HOLE 12¼" BIT
			MANY BOULDERS
9:30	11:00	1½	TAK OUT POWER SWIVEL PICK UP KELLY
11:00			SPUD IN W/ 12¼" BIT
11:00	12:00	1	DRL RAT HOLE
		8	

DAILY DRILLING REPORT

OPERATOR	REPORT NO.	DATE	LEASE	WELL NO.	FIELD OR DIST.	COUNTY
[illegible] Oil Co		[illegible]	[illegible]	[illegible]	[illegible]	

CONTRACTOR	RIG NO.	DRILL PIPE STRING NO. / SIZE	TOOL JOINT O.D. / TYPE THD.
S & T DRILLING (WESTERN) CO. LTD.	5		

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [illegible signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: [illegible signature]

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.			
2.			
3.			

LAST CASING, TUBING OR LINER

SIZE	MAKE	WT. & GR.	NO. JOINTS	RKB. CSG.	SET AT

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG			
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS			

TIME SUMMARY (OFFICE USE ONLY)

WORK	
W/DP	
WO/DP	
STANDBY	
TOTAL DAY WORK	

WIRE LINE RECORD

REEL NO.	
NO. OF LINES / SIZE	
FT SLIPPED	
FT CUT OFF	
PRESENT LENGTH	
TON-MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON-MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR: STANDS D.P. FT. / SINGLES D.P. FT. / D.C. I.D. O.D. FT. / D.C. I.D. O.D. FT. / STB. BODY O.D. FT. / STB. BODY O.D. FT. / RMR. BODY O.D. FT. / SUBS O.D. FT. / BIT OR C.B. FT. / FT. / KELLY DOWN FT. / TOTAL FT. / WT. OF STRING LBS.

BIT RECORD: BIT NO. / SIZE / MFG. / TYPE / NOZZLE NO. SIZE / SER. NO. / DEPTH OUT / DEPTH IN / TOTAL FTG. / TOTAL HR. RUN / COND. OF BIT / REAMER NO. / REAMER TYPE

MUD RECORD: TIME / WEIGHT / VISC.—SEC / W.L.—C.C. / FLTR. CK. / PH / SD. CONT. % / PRESSURE GRADIENT

MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT.

DRILLER: [illegible signature]

FOOTAGE: FROM / TO / DR.–D RM.–R CORE–C / CORE NO. / FORMATION (SHOW CORE RECOVERY) / ROTARY RPM / PUMP PRESS / PUMP LINER SIZE

DEVIATION RECORD: DEPTH / DEV. / DIRECTION / DEPTH / DEV. / DIRECTION / DEPTH

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
7[illegible]	4:00	8	Rigging up on new location

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR: STANDS D.P. FT. / SINGLES D.P. FT. / D.C. I.D. O.D. FT. / D.C. I.D. O.D. FT. / STB. BODY O.D. FT. / STB. BODY O.D. FT. / RMR. BODY O.D. FT. / SUBS O.D. FT. / BIT OR C.B. FT. / FT. / KELLY DOWN FT. / TOTAL FT. / WT. OF STRING LBS.

BIT RECORD: BIT NO. / SIZE / MFG. / TYPE / NOZZLE NO. SIZE / SER. NO. / DEPTH OUT / DEPTH IN / TOTAL FTG. / TOTAL HR. RUN / COND. OF BIT / REAMER NO. / REAMER TYPE

MUD RECORD: TIME / WEIGHT / VISC.—SEC / W.L.—C.C. / FLTR. CK. / PH / SD. CONT. % / PRESSURE GRADIENT

MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT.

DRILLER: [illegible signature]

FOOTAGE: FROM / TO / DR.–D RM.–R CORE–C / CORE NO. / FORMATION (SHOW CORE RECOVERY) / ROTARY RPM / PUMP PRESS / PUMP LINER SIZE

DEVIATION RECORD: DEPTH / DEV. / DIRECTION / DEPTH / DEV. / DEPTH

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8 am	12 pm	16	RIGGING UP ON NEW LOCATION

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR: STANDS D.P. FT. / SINGLES D.P. FT. / D.C. I.D. O.D. FT. / D.C. I.D. O.D. FT. / STB. BODY O.D. FT. / STB. BODY O.D. FT. / RMR. BODY O.D. FT. / SUBS O.D. FT. / BIT OR C.B. FT. / FT. / KELLY DOWN FT. / TOTAL FT. / WT. OF STRING LBS.

BIT RECORD: BIT NO. / SIZE / MFG. / TYPE / NOZZLE NO. SIZE / SER. NO. / DEPTH OUT / DEPTH IN / TOTAL FTG. / TOTAL HR. RUN / COND. OF BIT / REAMER NO. / REAMER TYPE

MUD RECORD: TIME / WEIGHT / VISC.—SEC / W.L.—C.C. / FLTR. CK. / PH / SD. CONT. % / PRESSURE GRADIENT

MUD & CHEMICALS ADDED: TYPE / AMT. / TYPE / AMT.

DRILLER:

FOOTAGE: FROM / TO / DR.–D RM.–R CORE–C / CORE NO. / FORMATION (SHOW CORE RECOVERY) / ROTARY RPM / WT. ON BIT 1000 # / PUMP PRESS / PUMP LINER SIZE

DEVIATION RECORD: DEPTH / DEV. / DIRECTION / DEPTH / DEV. / DIRECTION / DEPTH

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

DAILY DRILLING REPORT | REPORT NO. | DATE [illegible]

OPERATOR: Placid Oil Company

LEASE: Placid Chevron [illegible]

WELL NO.: C-19

FIELD OR DIST.: N & T

COUNTY

STATE

CONTRACTOR: S & T DRILLING (WESTERN) CO. LTD.

RIG NO.: 5

DRILL PIPE STRING: NO. | SIZE

TOOL JOINT: O.D. | TYPE THD.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [illegible]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: [illegible]

PUMPS

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.			
2.			
3.			

LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	RKB. TO CSG. HD.	SET AT	REMARKS

TIME DISTRIBUTION–HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG			
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
BOILERING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS			

TIME SUMMARY (OFFICE USE ONLY)

DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			

WIRE LINE RECORD

REEL NO.	
NO. OF LINES	SIZE
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	
CUMULATIVE TON MI. OR TRIPS	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
	STANDS D.P.	FT.
	SINGLES D.P.	FT.
	D.C. I.D. O.D.	FT.
	D.C. I.D. O.D.	FT.
	STB. BODY O.D.	FT.
	STB. BODY O.D.	FT.
	RMR. BODY O.D.	FT.
	SUBS O.D.	FT.
	BIT OR C.B.	FT.
		FT.
	KELLY DOWN	FT.
	TOTAL	FT.
WT. OF STRING		LBS.

BIT RECORD

BIT NO.		
SIZE		
MFG.		
TYPE		
NOZZLE NO.		
NOZZLE SIZE		
SER. NO.		
DEPTH OUT		
DEPTH IN		
TOTAL FTG.		
TOTAL HR. RUN		
COND. OF BIT		
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME			
WEIGHT			
VISC.–SEC			
W.L.–C.C.			
FLTR. CK.			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER: [illegible]

FOOTAGE

FROM	TO	DR.–D RM.–R CORE.–C	CORE NO.	FORMATION (SHOW CORE RECOVERY)

ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.–S PAR'EL.–P COM'D.–C

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:00	12	MOVE Rig + CAMP

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
	STANDS D.P.	FT.
	SINGLES D.P.	FT.
	D.C. I.D. O.D.	FT.
	D.C. I.D. O.D.	FT.
	STB. BODY O.D.	FT.
	STB. BODY O.D.	FT.
	RMR. BODY O.D.	FT.
	SUBS O.D.	FT.
	BIT OR C.B.	FT.
		FT.
	KELLY DOWN	FT.
	TOTAL	FT.
WT. OF STRING		LBS.

BIT RECORD

BIT NO.		
SIZE		
MFG.		
TYPE		
NOZZLE NO.		
NOZZLE SIZE		
SER. NO.		
DEPTH OUT		
DEPTH IN		
TOTAL FTG.		
TOTAL HR. RUN		
COND. OF BIT		
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME			
WEIGHT			
VISC.–SEC			
W.L.–C.C.			
FLTR. CK.			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER: [illegible]

FOOTAGE

FROM	TO	DR.–D RM.–R CORE.–C	CORE NO.	FORMATION (SHOW CORE RECOVERY)

ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.–S PAR'EL.–P COM'D.–C

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:00	12	MOVING RIG + CAMP

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
	STANDS D.P.	FT.
	SINGLES D.P.	FT.
	D.C. I.D. O.D.	FT.
	D.C. I.D. O.D.	FT.
	STB. BODY O.D.	FT.
	STB. BODY O.D.	FT.
	RMR. BODY O.D.	FT.
	SUBS O.D.	FT.
	BIT OR C.B.	FT.
		FT.
	KELLY DOWN	FT.
	TOTAL	FT.
WT. OF STRING		LBS.

BIT RECORD

BIT NO.		
SIZE		
MFG.		
TYPE		
NOZZLE NO.		
NOZZLE SIZE		
SER. NO.		
DEPTH OUT		
DEPTH IN		
TOTAL FTG.		
TOTAL HR. RUN		
COND. OF BIT		
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME			
WEIGHT			
VISC.–SEC			
W.L.–C.C.			
FLTR. CK			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER

FOOTAGE

FROM	TO	DR.–D RM.–R CORE.–C	CORE NO.	FORMATION (SHOW CORE RECOVERY)

ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SGL.–S PAR'EL.–P COM'D.–C

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS