PLACID CHEVRON MILLS LAKE

C-60

Drilling Authority No. 427

Date Issued 19 February 1970

WELL NAME Placid Chevron Mills Lake ~~J~~ C-60

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

LOCATION: Unit ~~J~~ C Section 60 Grid 61-20-118-00

Latitude 61-19-[redacted] 12.53 Longitude 118-10-[redacted] 41.55

U.W.L.R. 61.32278 — 118.16778 61.32015 — 118.17821

U.W.I. 300~~J~~C606120118000

Rig Release Date: .....

Status .....

Information Release Date .....

CHANGE OF NAME:

DATE RECEIVED	INDEX
19/2/70	Application for a Drilling Authority.
	Well Completion Data.
	Well History Report.
12/3/70	Application to Amend a Drilling Authority.
	Application to change a Well Name.
23/4/70	Application to Abandon a Well or Suspend Drilling.
	Application to Alter Condition of a Well.
	Well History Supplement.
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. 427
Date issued February 19, 1970.

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
OIL AND MINERAL DIVISION

WELL COMPLETION DATA

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

Well name and number Placid Chevron Mills Lake C-60

Permit No. 3110 Lease No. -

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

Placid Oil Company (Operator) Exploratory Licence No. 1241

Location: Unit C Section 60 Grid 61-20 118-00

Latitude 61° 19' 12.53" Longitude 118° 10' 41.55"

Unique well identifier 300C60612011800O

Universal Well Location Reference Lat. 61.32015°N Long. 118.17821°W

	DATE	DEPTH
Spudded 3:30 AM	2/26/70	
Suspended		
Resumed Operations		
Finished Drilling	3/4/70	2025 Driller 2032' Logger
Deepened		
Complete ~~Abd~~ Dry	3/5/70	2025
Abandoned Yes	3/5/70	2025
Rig released 8:30 PM March 5	3/5/70	

Pool(s)

Interval(s) open to production

Elevation: Gr. 508 K.B. 522

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. 10 jts. 8 5/8	J-55	24#	290	285	180 sks. + 3% $CaCl_2$
2.					
3.					
4.					
5.					
6.					

GEOLOGICAL TOPS	ELEVATION Depths	ELEVATION Sub-Sea
Spence River	1236	- 714
Otter Park	1355	- 833
Mills Lake	1495	- 973
Lonely Bay	1708	-1186
Chinchaga	1860	-1338
Green Shale	1900	-1378
Granite Wash	1939	-1417
Red Shale	1982	-1460
Precambrian	2010	-1488
T.D.	2025	-1503

CORE RECORD

From	To	Rec.	From	To	Rec.
NO CORES CUT					

LOG RECORD

Run No.	Type of Log	From	To
1	Dual Induction Laterolog	2028	285
1	BHC Sonic Gamma Ray Log	2030	288
****	A VELOCITY SURVEY WAS RUN BY CENTURY GEOPHYSICAL.		

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
3/5/70 (PLUG #1)	2025	1650	160 sks. Portland cement. Plug down at 6:00 AM 3/5/70. Not required to feel.	3/5/70	- CUT OFF CSG. 3' below ground level. Spotted 5 sks. cement Plug at surface and welded on a steel cap. A 6' steel post with well sign spot welded on to the top of surface csg.						
3/5/70 (PLUG NO. 2)	335	235	60 sks. Portland cement + 2% $CaCl_2$. Plug down @ 8:30 AM 3/5/70. WOC 8 Hrs. Felt at 230'.								

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. 427

OIL & MINERAL DIVISION

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
RESOURCE MANAGEMENT DIVISION

APR 1 1970

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 Mills Lake C-60
Location: Unit C Section 60 Grid 61-20 118-00
Latitude 61° 19' 12.53" Longitude 118° 10' 41.55"
From Established Reference Marker
Universal Well Location Reference Lat. 61.32015° N. Long. 118.17821° W
Permit No. 3110 Lease No. -

Chevron Standard Ltd.
(Operating Company)

Date of commencement of proposed program March 5, 1970

OIL, GAS, AND WATER ENCOUNTERED
(Depths)

Oil at -
Gas at -
Water at -
Total Depth 2025 Driller; 2032' Logger Date of last operations March 5, 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#	289'	285'	180 sks + 3% Cacl2	none.
2.					
3.					
4.					
5.					

PROPOSED ABANDONMENT PROGRAM

Plug No.	Plug Position	Geological Formation	Number of Sacks of Cement	Remarks
1	2025 - 1650	Lonely Bay	160	none
2	335 - 235	50' in surface csg.	60+ 2% Cacl2	Felt @ 230'
3	Surface Plug		5	Erect 6' riser & name plate.

The following logs have been run Dual Induction Laterolog, Borehole Comp. Sonic 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. J. 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. G. E. Blue on the 4th March 1970.

GEB 4-3-70

Dated 23rd April, 1970

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 300C606120118000

EF

File No. .....

Drilling Authority No. 427

CANADA

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT

~~RESOURCE MANAGEMENT DIVISION~~

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. 427, concerning Placid Chevron Mills Lake G-60

(Name and Number of Well)

The following amendments are required: Change of location from:

Placid Chevron Mills Lake G-60

Unit: G Section: 60 Grid 61-20 N 118-00

Latitude 61° 19' 22" Longitude 118° 10' 04" Est.
Universal Well Location Reference - Lat. 61.32278° N., Long.118.16778° W.
Unique Well Identifier - 300G606120118000

CHANGE TO: Placid Chevron Mills Lake C-60

Unit: C Section: 60 Grid: 61-20 118-00 (Unique Well Identifier - 300C606120118000)

Latitude 61° 19' 12.53" Longitude 118° 10' 41.55"
Universal Well Location Reference -

Reasons for the amendments:

As a result of the Survey at this location, the Unit is " C ".

Dated at Calgary, Alberta, this 11th 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:

UNIVERSAL WELL LOCATION REFERENCE: Lat. 61.32015° N.
Long. 118.17821° W.

Date 12th March, 19 70

Oil Conservation Engineer

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

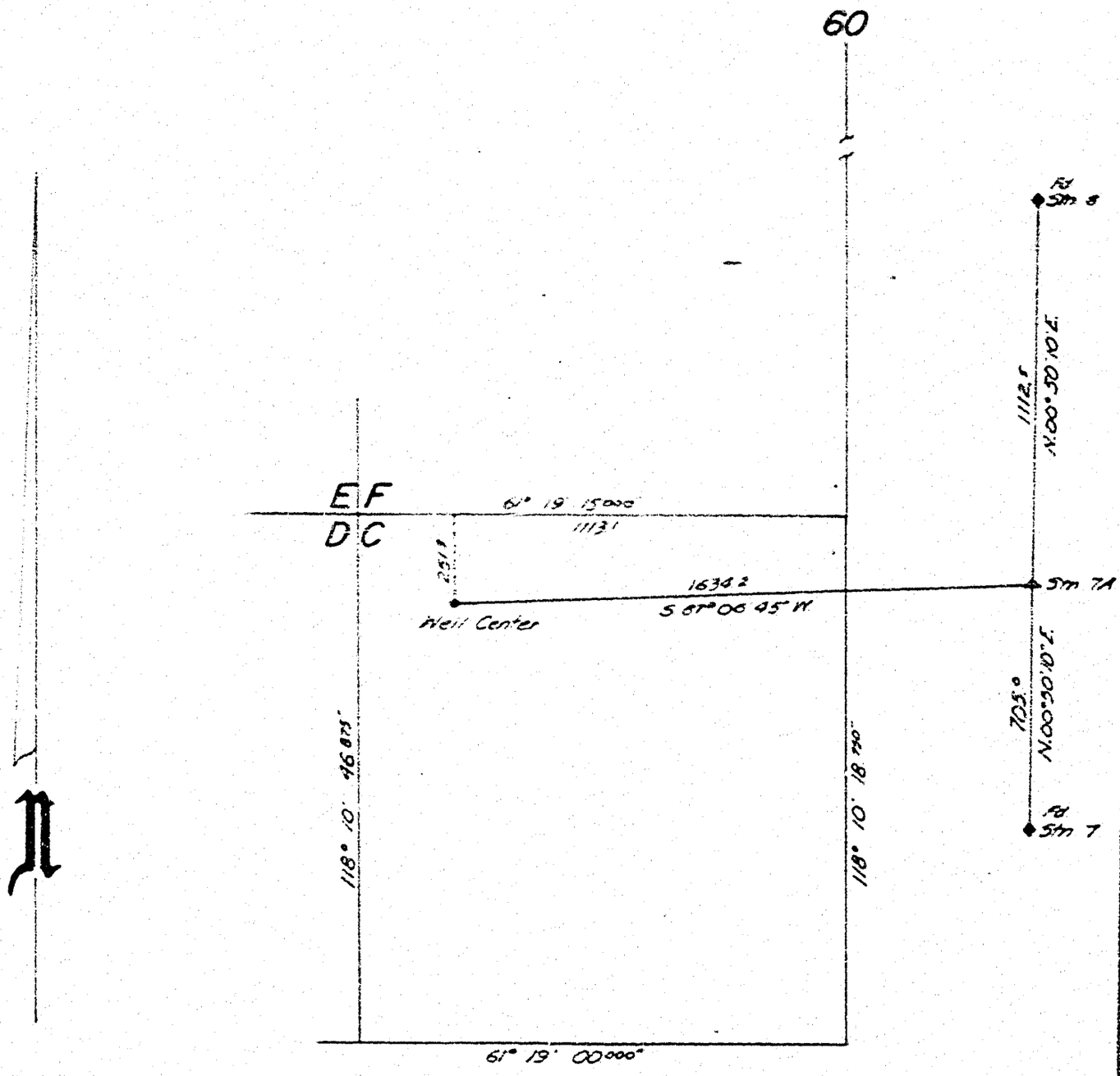
IAND 52-90-3 (3-67)

PLACID CHEVRON MILLS LAKE C-60

C60 61-20,118-00

Latitude 61°19'12.53" Longitude 118°10'41.55"

NORTHWEST TERRITORIES



Scale: 400 ft. to 1 in

CO-ORDINATE TABLE

U.T.M. Value: Scale Factor 0.9999 Ref Mer. 117°00'

Station	Bearing	Distance	North	West
Stn-7	N.00° 51'10"E.	705.0	22,311,699.3	205,402.8
Stn-7A	N.00° 51'10"E	1,125.0	22,312,594.1	205,392.5
Stn-8			22,313,706.6	205,376.8
Stn-7A	S.67°06'45"W.	1,634.2	22,312,594.1	205,392.5
Well Center			22,312,511.8	207,024.6

Survey Completed Feb.22, 1970.
Certified Correct

D.R. Sandham
Alberta Land Surveyor

Note:
Distances are in feet and decimals.
Survey originated from the N.E. Cor. Twp 140 (36th Base Line)
Convergence to 117° Meridian + 52'33"

PLACID OIL COMPANY

R.E. Nowalsky

Elevation: 508 Ground.
Datum: Top Brass Cap
N.E. Cor. Sec. 1-141-1 W.6M.
Elev: 608.0

Prepared by:-
MIDWEST SURVEYS CO. LTD.

C-83-70

Drilling Authority No. 427
Project No.
File No.

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
RESOURCE MANAGEMENT DIVISION
~~OIL AND MINERAL 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 Mills Lake G-60

Location: Unit G Section 60 Grid 61-20 N 118-00

Latitude 61° 19' 22" Longitude 118 10' 04" (Est.)

From Established Reference Marker

Universal Well Location Reference Lat. 61.32278° N., Long. 118.16778° W.

Elevation: Ground 488 (est.) K.B. 500 (est.) feet above sea-level.

Well is expected to produce from Middle Devonian Carbonate formation at a depth of about 1500 feet. Expected total final depth 2000

Area assigned to well

(for Oil Conservation Engineer's use only)

Permit No. 3110 Lease No. - Acreage 61,596

Permittee, licensee, or lessee Chevron Standard Co.

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 CROWN

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. 5 1/2	14#	J-55	New	2000'	250
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 Preventors.
Hydril 10" GK 900 Series
Shaeffer 10" Double Gate Series 900

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

5825 - 98 Street, 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 2, Alta.

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

Dated at Calgary this 16th day of February 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 19th February 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 - 300G606120118000

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.

4. The surface casing is to be set at least 75 feet into a competent formation.

B.H.J. Thoms, Oil Conservation Engineer

WELL HISTORY REPORT

Placid Chevron Mills Lake C-50

61-20 N, 118-00 W.

N.W.T.

WELL HISTORY REPORT

Well Name: Placid Chevron Mills Lake C-60

OIL & GAS OPERATIONS UNIT
Oil and Mineral Division
AUG 10 1978
ONTARIO
Dept. of Indian Affairs & Northern Development

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WELL HISTORY REPORT

SECTION 1 Summary of Well Data

Well Name: Placid Chevron Mills Lake C-60

Location: Unit C, Section 60, Grid 61-20 N 118-00
Latitude 61° 19'12.53" Longitude 118° 10' 41.55"

Universal Well Location Reference: Lat. 61.32015° N,
Long. 118.17821° W.

Unique Well Identifier: 300C606120118000

Permittee: Chevron Standard Co.

Operator: Placid Oil Company, 860 Guinness House, Calgary 2, Alberta.

Permit No.: 3110

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

Drilling Authority: #427, 19th Feb. 1970

Classification: Wildcat

Elevations: Ground Level - 508'
Kelly Bushing - 522'

Date Spudded: Feb. 26, 1970 at 3:30 A.M.

Completed Drilling: March 4, 1970

Total Depth: Driller - 2025'
Schlumberger - 2032'

Well Status: Dry and Abandoned

Rig Released: March 5, 1970 at 8:30 P.M.

Hole Size: Surface hole - 12¼" to 285'
Main hole - 7-7/8" from 285' to 2025'

Surface casing: 8-5/8" landed at 285' and cemented with 180 sax normal cement plus 3% $CaCl_2$.

SECTION 2 Geological Summary

Formation Tops

Formation	Sub-Sea	E-log	Sample Tops
Spence River	- 714	1236	1240
Otter Park	- 833	1355	-
Mills Lake	- 973	1495	1490
Lonely Bay	- 1186	1708	1690
Chinchaga	- 1336	1860	1845
Green Shale	- 1378	1900	1890
Granite Wash	- 1417	1939	1930
Red Shale	- 1460	1982	1970
PreCambrian	- 1488	2010	2000
Total Depth	- 1503	2025	

Sample Descriptions

Note: All samples lagged approx. 1 minute per 100' of depth. A depth discrepancy of + 10.0' between samples and logs appears to be present, but was not resolved.

10 - 30 Clay and mud with pieces shale - black, carbonaceous and sand grains, quartz and granite.

30 - 100 Sand grains coarse, clear quartz, black chert and granite - feldspars, with fine grained sandstone, grey and green. Traces of brown limestone.

100 - 170 Sand grains as above and traces siltstone, grey and green, calcareous.

HAY RIVER SHALE - 173' (sample pick)

170 - 355 Shale grey green, soft, calcareous with sand grain cavings as above. (Bottom of surface pilot hole.)

355 - 400 Shale as above with abundant sand cavings as above and cement from drilling out. Poor samples.

400 - 430 Shale as above with cement decreasing to nil.

430 - 640 Shale as above with interbedded limestone stringers grey, and brownish, medium grained, and cryptocrystalline, slightly argillaceous, dense.

640 - 680 Shale as above and brownish, limy (with abundant cement from cleaning shaker box).

680 - 720 Shale grey, grey green and brownish, calcareous.

720 - 790	Shale	as above with interbedded limestone, light brown, cryptocrystalline, dense.
790 - 810	Sandstone	dark grey and brownish, very fine grained, quartz, carbonaceous in part, tight.
810 - 900	Shale	grey green, soft, calcareous, flaky in part and silty in part.
900 - 1110	Shale	as above with traces of interbedded limestone, light brown, cryptocrystalline, dense.
1110 - 1210	Shale	as above, mottled brown in part.
1210 - 1240	Shale	grey green as above and dark grey, and grey brown, silty in part, bituminous.

SPENCE RIVER - 1236' (-714)

1240 - 1260	Shale	as above with minor amounts of dark grey bituminous shale.
1260 - 1360	Shale	grey green, calcareous, flaky in part.

OTTER PARK - 1355' (-833)

1360 - 1380	Shale	as above with common traces of shale, black, bituminous.
1380 - 1410	Shale	as above with common limestone, light grey, microcrystalline, dense.
1410 - 1490	Shale	grey brown, grey green, and grey, calcareous, flaky in part, silty in part, with abundant black carbonaceous shale at 1450'.

MILLS LAKE - 1495' (-973)

1490 - 1550	Limestone	light brown, cryptocrystalline, dense, with abundant shale as above.
1550 - 1610	Shale	brown and grey brown, calcareous, firm, flaky in part, limey appearance, grading to limestone cryptocrystalline, dense.
1610 - 1640	Shale	as above and dark grey, flaky, bituminous.
1640 - 1690	Shale	dark grey to black, bituminous, flaky and as above.

LONELY BAY - 1708' (-1186)

1690 - 1715	Limestone	light to dark brown, cryptocrystalline to earthy, fragmental and fossiliferous, dense.

1715 - 1760	Limestone	dark brown to buff, cryptocrystalline, chalky in part, fragmental in part, slightly argillaceous, fossiliferous, dense.
1760 - 1790	Limestone	as above with increased buff, chalky limestone.
1790 - 1810	Limestone	as above with some dolomite, light brown, fine grained, traces of poor porosity, decreasing to nil, no oil stain.
1810 - 1825	Limestone	as above, becoming dolomitic in part.
1825 - 1845	Anhydrite	white, sucrosic, fine grained, grading to brown, microcrystalline in part, with interbedded dolomite, light brown, earthy, anhydritic, and limestone as above.
1845 - 1860	Anhydrite	dark brown, cryptocrystalline, mottled, and as above.

CHINCHAGA - 1860' (-1338)

1860 - 1890	Anhydrite	as above and blackish.

GREEN SHALE - 1900' (-1378)

1890 - 1895	Limestone	light brown, earthy, anhydritic, argillaceous, dense with traces of green shale, waxy and anhydrite as above.
1895 - 1910	Limestone	as above with abundant green shale.
1910 - 1925	Limestone	light grey and grey brown, earthy, anhydritic, argillaceous.
1925 - 1930	Shale	green, waxy, mostly blocky.

GRANITE WASH - 1939' (-1417)

1930 - 1945	Sandstone	clear quartz, unconsolidated, med. and coarse grained, frosted, irregular. Trace granite.
1945 - 1950	Dolomite	buff to brown and grey, microcrystalline to silty; dense with abundant shale - brick red and maroon, mottled in part with green shale.
1950 - 1970	Sandstone	granite wash - quartz, feldspar, unconsolidated in part, tight, no stain, weathered.

RED SHALE - 1982' (-1460)

1970 - 1995	Shale	reddish brown, dolomitic, anhydritic.

PRECAMBRIAN - 2010' (-1498)

1995 - 2025 Granite quartz, feldspar, biotite, hornblende.

Note: a depth discrepancy of + 10.0 between samples and logs appears to be present, but was not resolved.

Cored Intervals No cores were cut.

SECTION 3 Engineering Summary

Drill Stem Tests No DSTs were run.

Surface Casing Report Ran 10 joints (289.77') of 8-5/8", 24.0#, J-55, ST&C, Age 2, new Mannesman casing. Set at 285' K.B. and cemented by HOWCO with 180 sax portland cement plus 3% $CaCl_2$. Good returns to surface (4 bbls.). Plug down at 6:35 P.M., Feb. 27, 1970. Used Davis guide shoe and float collar.

Tally

1	13.15	Davis Guide Shoe	1.06
2	29.85	Davis Float Collar	1.38
3	31.12		2.44
4	29.92		
5	32.88		
6	27.83	Total Casing run	287.33
7	31.55		2.44
8	32.15		289.77
9	27.17		
10	31.71		
	287.33		

5 joints left over: 25.51, 25.42, 29.62, 28.39, 28.27. (Total 137.21)

Bit Record

No.	Size	Type	Serial No.	Depth Out	Footage	Hours	Condition
1A	7-7/8	OSC-3J	7449	126	126	8-1/2	4-3-I*
2A	7-7/8	OSC-1GJ	4753	355	229	12-1/4	4-3-I
3A(RR)	12-1/4	T1AG-J	654269	285	285	9	3-2-I
1	7-7/8	YT-3J	856911	1265	910	20-1/2	3-4-I
2	7-7/8	X1-GJ	18713	1772	507	20	2-1-I
3	7-7/8	SM-GJ	186150	1989	217	29-1/4	6-2-I
4	7-7/8	WD7J	14626	2025 T.D.	36	6-1/4	6-2-I

* I is for In gauge.

Mud Report

Date	Depth	Wt.	Vis.	W.L.	Ph.	Additives
1970						
Feb.26	280	10.0	60			Gel - 3800#, Caustic - 50#
27	355	10.0	65	Set casing		Caustic - 50#
28	450	Water				
Mar. 1	1505	8.6	28	Water		
2	1820	9.2	48	6.8	12.5	Gel - 7000#, Caustic - 400#, RD-111 - 400#, CMC - 100#
3	1985	9.3	59	7.0	12.5	Bicarb - 100#, Caustic - 50#, RD-111 - 200#
4	2025	9.4	82	7.0	11.5	Gel - 2600#, Caustic - 100#, RD-111 - 200#
5	2025	Ran plugs. Rig released.				

Mud by IMC Mud Co. Total mud used: Gel 13,400#
Caustic 650#
RD-111 600#
CMC 100#
Bicarb 100#

Deviation Record

Depth	Deviation	Depth	Deviation
60	1/8	665	MR
108	1/2	690	1/4
139	MR	913	0
170	3/4	1129	1/2
198	0	1347	1/4
262	1/8	1537	1/4
355	3/4	1754	1/8
		1989	3/4

Abandonment Plugs

Plug #1 - 2025' to 1650' - Used 160 sax portland cement.
Plug down 6:00 A.M. March 5, 1970.
Not required to feel.

Plug #2 - 335' to 235' - Used 60 sax portland cement plus 2% $CaCl_2$.
Plug down 8:30 A.M. March 5, 1970.
WOC 8 hours; felt plug at 230'.

Cut off casing 3.0' below ground; put 5 sax cement in top and welded on a steel plate. Put an 8.0' steel post on casing with a metal well sign.

Rig released at 8:30 P.M., March 5, 1970.

Lost Circulation Zones - NIL

Blowouts - NIL

SECTION 4

Logs - By Schlumberger. Run on March 4, 1970.
Dual Induction Laterolog - 2028 to 285
BHC Sonic G-R log - 2030 to 288
A Velocity Survey was run by Century Geophysical.

SECTION 5 No analysis were made.

SECTION 6 Not applicable.

SECTION 7

Daily Chronological Report

Well Name: Placid Chevron Mills Lake G-60

Date	Day	Depth	Progress	Remarks
1970				
Feb.25	0	0	0	Rigged up to spud and started digging rat hole.
26	1	280	280	Spudded at 3:30 A.M. Drilled 7-7/8" surface pilot hole.
27	2	355	75	Drilled pilot hole to 355'. Tripped and reamed pilot hole to 12-1/4" from surface to 285'. Ran 10 joints (289.77') of 8-5/8" 24.0#, J-55, ST&C, Rge 2, new Mannesman casing. Landed at 285' K.B. and cemented by HOWCO with 180 sax portland cemsnt plus 3% $CaCl_2$. Plug down at 6:35 P.M. Good returns (4 bbls.) to surface. W.O.C.
28	3	450	95	W.O.C. and head up. Pressure tested blind rams. OK. Picked up shock sub and DCs and ran in. Pressure tested Hydril; OK. Drilled out cement and shoe with 7-7/8" bit. Cleaned out hole to 355' and drilled ahead to 400'. Pulled out and picked up stabilizers. Drilled mouse hole. Drilled ahead with 7-7/8" bit.
Mar. 1	4	1505	1055	Drilled ahead.

Date	Day	Depth	Progress	Remarks
Mar. 2	5	1820	315	Drilled ahead. Measured out on trip at 1772. Tally OK. Laid down stabilizers and picked up 4 DCs.
3	6	1985	165	Drilled ahead.
4	7	2025	40	Drilled ahead to 2022'. Circulated to log. Measured out and corrected pipe tally + 3.0' to 2025'. Ran DILL and BHC Sonic G-R logs by Schlumberger and Velocity Survey with Century Geophysical. Laid down 19 DCs and picked up 19 singles; ran in open end. Waiting on Halliburton cementers.
5	8	2025	T.D.	Waited on cementers. Ran plug #1 from 2025' to 1650' with 160 sax portland cement. Plug down at 6:00 A.M. Pulled out laying down drill pipe. Ran back in to 335' and ran plug #2 from 335' to 235' with 50 sax portland cement plus 2% $CaCl_2$. Plug down at 6:30 A.M. W.O.C. 8 hours and felt plug #2 at 230'. Laid down drill pipe and BOPs; cut off casing 3' below ground, put 5 sax cement in top and welded on a steel plate. Attached steel well sign to casing. Rig released at 8:30 P.M.

Date: March 12th., 1970

for Placid Oil Company

Placid Chevron Mills Lake

C - 60

PLACID CHEVRON MILLS LAKE C-60

D.A. 427 - Tour Reports

[redacted]

Placid Chevron Mills Lake C-60

DAILY DRILLING REPORT

REPORT NO. 8 DATE March 5/10

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Placid Oil	61-20-14-00 Placid Chevron Mills Lake	C-60	N.W.T.		

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

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
	7⅝	MAN	24 & 55	10	295		295	180 sx 3%

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			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER	8		
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		
21	STANDS D.P.	2022.59	
2	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	45 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: Duane Dafoe

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
2025	T.D.			FUEL 2' 7½" Rig Tank								
				SPARE TANK 2'								

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	5 30	5½	Waiit on Cementers
5 30	6 00	½	Run plug #1
6 00	8 00	2	Pull out - lay down pipe - run back to 335
			Plug #1 - 2025 to 1650 - Run - 160 sax portland cement - Plug down at 6 00 A.M.

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:

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
FTD												

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	4 30	½	Run Plug 2#
4 30	9 30	1	Lay Down Pipe
9 30	4 00	6½	W.O.C. + Tear Out
			Plug #2 - 335 to 235 - Ran 60 sax portland cement plus 2% Ca Cl2. Plug down at 4 30 A.M.

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: Jean Dennis

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
				Felt Plug #2 @ 230'								

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	4 30	½	Rig up and Feel Plug - @ 230'
4 30	7 00	2½	Lay Down Pipe and Rots
7 00	8 30	1½	Cut off casing & weld on 7 bolt - put 5 sax cement in top
8 30	12 00		Tear out Rig
			Rig RELEASED at 8 30 P.M. March 5/10

DAILY DRILLING REPORT

REPORT NO. 7 DATE March 4/74

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Placid Oil	61-20-118-DO Placid Chevron Mills Lake	6-20	N.W.T.		

CONTRACTOR	RIG NO.	DRILL PIPE STRING NO.	SIZE	TOOL JOINT O.D.	TYPE
S & T DRILLING (WESTERN) CO. LTD.	5	5	4½	6¼	F.H

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER:

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	MAN	24.55	10	285		285	180 sk 3%

TIME DISTRIBUTION - HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	5	2½	
REAMING			
CONDITIONING MUD & CIRCULATING		1	
TRIPS	2½	1	
LUBRICATE RIG	¼		
DEVIATION SURVEY	¼		
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING		3½	3
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			5
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	8 SIZE 1½
FEET SLIPPED	
FEET CUT OFF	
PRESENT LENGTH	
TON MI. OR TRIPS SINCE LAST CUT	12
CUMULATIVE TON MI. OR TRIPS	[illegible]
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
15	STANDS D.P.	1364.63	FT.
1	SINGLES D.P.	30.40	FT.
19	D.C. I.D. O.D.	573.56	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.	8.50	FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN	31	FT.
	TOTAL	2011	FT.
WT. OF STRING	79 M		LBS.

BIT RECORD		
BIT NO.	3	4
SIZE	7⅞	7⅞
MFG.	REED	HW
TYPE	SM61J	WDT
NOZZLE NO.	2 1 2 1	
NOZZLE SIZE	12 13 12-13	
SER. NO.	186150	[illegible]
DEPTH OUT	1929	
DEPTH IN	1772	1929
TOTAL FTG.	911	22
TOTAL HR. RUN	29¾	3¾
COND. OF BIT	6-2-1	RUN
REAMER NO.	8	
REAMER TYPE		

MUD RECORD		
TIME	4:00	6:00
WEIGHT	9.8	9.2
VISC.-SEC	56	53
W.L.-C.C.	7.2	7.5
FLTR. CK.	2/32	2/32
PH	11.4	11.5
SD. CONT. %		
PRESSURE GRADIENT		

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
CAUSTIC	100		
RDU	200		
GEL	1200		

DRILLER: Duane DeFord

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
1985	1929	D		FUEL 3' 3½" RIG TANK	60	40	900	5½		5½		S
1929	2011	D		SPARE TANK 2'				X		X		
								15		12		

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	1984	¾							

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	1[illegible]	1½	DRLG 7⅞ HOLE
1[illegible]	1[illegible]	½	Survey
130	245	1¼	TRIP for new BIT Pipe wet all jts
			Tag TD pt. GED [illegible]
245	300	¼	Rig Srv
300	4	1	Run in
4[illegible]	900	3¾	DRLG 7⅞ Hole

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
15	STANDS D.P.	1364.63	FT.
1	SINGLES D.P.	30.40	FT.
19	D.C. I.D. O.D.	573.56	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.	8.50	FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN	41.50	FT.
	TOTAL	2025.59	FT.
WT. OF STRING	42 M		LBS.

BIT RECORD		
BIT NO.	4	
SIZE	7⅞	
MFG.	HW	
TYPE	M77	
NOZZLE NO.	2 1	
NOZZLE SIZE	12 13	
SER. NO.	146216	
DEPTH OUT	2025	
DEPTH IN	1989	
TOTAL FTG.	36	
TOTAL HR. RUN	6¼	
COND. OF BIT	6-2-1	
REAMER NO.		
REAMER TYPE		

MUD RECORD		
TIME	9:00	11:00
WEIGHT	9.4	9.4
VISC.-SEC	50	52
W.L.-C.C.	7.0	7.0
FLTR. CK.	2/32	2/32
PH	11.5	11.5
SD. CONT. %		
PRESSURE GRADIENT		

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
DEL	1400		

DRILLER: Lowell

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
2011	2025	Dr			65	40	400	5½	55			S
								X				
								15				

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

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
800	1030	2½	Drilling 7⅞ Hole
1030	1130	1	Circulate To Log
1130	1230	1	Hoist To Log
1230	100	1½	Logging w/ Schlumberger.
			Run - D.I.L. 2028 - 285
			BHC Sonic - 2030 - 288
			Velocity Survey

STRAPOUT 2025.34
TALLY 2022.59
DIFF 2.75

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: Jim Duane

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
2025	TD											

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	700	3	Logging w/ Schlumberger
700	730	½	Load out Schlumberger
730	945	1¼	Lay down 19 Drill Collars
945	1130	2¼	Run in open end Pick up 19 singles
1130	1200	½	W.O. Halliburton

DAILY DRILLING REPORT — REPORT NO. 6 — DATE March 31/10

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Placid Oil	61-20-118-00 Placid Chevron Mill Lake	6-20	N WT		

CONTRACTOR	RIG NO.	DRILL PIPE STRING NO.	SIZE	TOOL JOINT	TYPE THD
S & T DRILLING (WESTERN) CO. LTD.	5	11	4½	6½ OD.	FH

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	MAN	24-J55	10	295		295	180 sk. 3%

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	7¾	7¾	7¾
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG	¼	¼	¼
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			
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	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.			
11	STANDS D.P.	1974.05	FT.
	SINGLES D.P.		FT.
19	D.C. 6¼ I.D. O.D.	573.56	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.	8.50	FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN	16	FT.
	TOTAL	1973	FT.
WT. OF STRING		74 m	LBS.

BIT RECORD

BIT NO.	3		
SIZE	7⅞		
MFG.	REED		
TYPE	SMGJ		
NOZZLE NO.	2-1		
NOZZLE SIZE	12-13		
SER. NO.	186150		
DEPTH OUT			
DEPTH IN	1772		
TOTAL FTG.	101		
TOTAL HR. RUN	12½		
COND. OF BIT	Run		
REAMER NO.			
REAMER TYPE			

MUD RECORD

TIME	2:00	6:00	6:00
WEIGHT	9.2	9.2	9.3
VISC.-SEC	56	58	65
W.L.-C.C.	7.0	7.8	6.8
FLTR. CK.	2/32	2/32	2/32
PH	12.5	12.5	12.5
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Chem	50		
RDIII	100		

DRILLER: Duane Dufoud

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
1820	1973	D			45	25	1000	5½	60	5½		S
						36		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	12:15	¼	Rig Ser
12:15	2:00	7¾	Drlg 7⅞ Hole

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
14	STANDS D.P.	1274.05	FT.
2	SINGLES D.P.	62.94	FT.
19	D.C. 6¼ I.D. O.D.	573.56	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 Sub-Ko.6" O.D.	8.50	FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN	14	FT.
	TOTAL	1933.44	FT.
WT. OF STRING		74 m	LBS.

BIT RECORD

BIT NO.	3		
SIZE	7⅞		
MFG.	REED		
TYPE	SMGJ		
NOZZLE NO.	2		
NOZZLE SIZE	12 13		
SER. NO.	186150		
DEPTH OUT			
DEPTH IN	1772		
TOTAL FTG.	161		
TOTAL HR. RUN	20½		
COND. OF BIT	Run		
REAMER NO.			
REAMER TYPE			

MUD RECORD

TIME	9:00	10:00	5:00
WEIGHT	9.3	9.2	9.3
VISC.-SEC	82	50	50
W.L.-C.C.	6.0	6.0	6.4
FLTR. CK.	2/32	2/32	2/32
PH	12.0	12.0	12.0
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Bicomb	100#		
RDIII	100#		

DRILLER: Lowell

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
1673	1933				60/70	35	1000	5½				
								X				
								14				

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	11:00	3	Drilling
11:00	11:15	¼	Rig Ser + BOP
11:15	4:00	4¾	Drilling 7⅞ Hole

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
19	STANDS D.P.	1274.05	FT.
2	SINGLES D.P.	62.94	FT.
19	D.C. 6¼ I.D. O.D.	573.56	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.	8.50	FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN	30	FT.
	TOTAL	1985	FT.
WT. OF STRING		78 m	LBS.

BIT RECORD

BIT NO.	3		
SIZE	7⅞		
MFG.	Reed		
TYPE	SMGJ		
NOZZLE NO.	2		
NOZZLE SIZE	13 13		
SER. NO.	186150		
DEPTH OUT			
DEPTH IN	1772		
TOTAL FTG.	213		
TOTAL HR. RUN	22		
COND. OF BIT	Run		
REAMER NO.			
REAMER TYPE			

MUD RECORD

TIME	6:30	8:00	1:00
WEIGHT	9.3	9.3	9.3
VISC.-SEC	63	61	59
W.L.-C.C.		7.0	7.0
FLTR. CK		2/32	2/32
PH		12.5	12.5
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER: Duane

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
1772	1985	D			60	40	800	5½	55			

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	7:15	3¼	Drilling
7:15	7:30	¼	Rig Ser
7:30	12:00	4½	Drlg 7⅞ Hole

DAILY DRILLING REPORT — REPORT NO. 7 — DATE March 27/74

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Placid Oil	61-20-118-00 Placid Chevron Mille Lake	660	N.WT		

CONTRACTOR	RIG NO.	DRILL PIPE STRING NO.	SIZE	TOOL JOINT	TYPE THD.
S & T DRILLING (WESTERN) CO. LTD.	5	0	4½	6¼ O.D.	F.H

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [illegible]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. Hanson

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	MAN	24-J55	10	285		285	180 21 37
		Rig Tank	Fuel					

TIME DISTRIBUTION–HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	7¼	7¼	4¾
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			3
LUBRICATE RIG	¼	¼	¼
DEVIATION SURVEY	¼	¼	
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG	¼	¼	
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

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.			FT.
13	STANDS D.P.	1271.39	FT.
1	SINGLES D.P.	31.59	FT.
5	D.C. 6¼ I.D. O.D.	451.54	FT.
	D.C. I.D. O.D.		FT.
5	STB. BODY O.D.	4.03	FT.
1	STB. BODY O.D.	3.56	FT.
1	RMR. BODY O.D.	2.78	FT.
5	SUBS O.D.	8.50	FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN	1.05	FT.
	TOTAL	1723	FT.
WT. OF STRING	68M		LBS.

BIT RECORD

BIT NO.	2	
SIZE	7⅞	
MFG.	HW	
TYPE	X16	
NOZZLE NO.	3	
NOZZLE SIZE	12	
SER. NO.	K713	
DEPTH OUT	[illegible]	
DEPTH IN	1265	
TOTAL FTG.	458	
TOTAL HR. RUN	17¾	
COND. OF BIT	RUN	
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME	5.00	7.00	
WEIGHT	8.4	9.0	
VISC.-SEC	38	40	
W.L.-C.C.	7.8		
FLTR. CK.	4/32		
PH	12		
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Gel	500	Lime	100
RD 11	400		
Caustic	400		

DRILLER: Duane DeFord

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
1505	1723			Tank Fuel 2"	70	25	1050	5½	60	5½		S
								Y		Y		
								15		12		

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	1537	¼							

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	130	1½	DRIG 7⅞ HOLE
130	145	¼	SURVEY
145	300	1¼	DRIG 7⅞ HOLE
300	315	¼	Rig Ser
315	745	4½	DRIG 7⅞ HOLE
745	200	¼	SERVICE PUMP C250

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			FT.
3	STANDS D.P.		FT.
2	SINGLES D.P.		FT.
15	D.P. 2/9 6½ I.D. O.D.	451.54	FT.
	D.C. I.D. O.D.		FT.
1	STB. BODY O.D.	4.03	FT.
	STB. BODY O.D.	3.56	FT.
1	RMR. BODY O.D.	2.78	FT.
5	SUBS O.D.	8.50	FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN	2.61	FT.
	TOTAL	1772	FT.
WT. OF STRING	70		LBS.

BIT RECORD

BIT NO.	2	
SIZE	7⅞	
MFG.	HW	
TYPE	X1G	
NOZZLE NO.	3	
NOZZLE SIZE	12	
SER. NO.	K713	
DEPTH OUT	1772	
DEPTH IN	1265	
TOTAL FTG.	507	
TOTAL HR. RUN	20	
COND. OF BIT	3 11	
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME	5.00	9.30	3.00
WEIGHT	8.9	9.1	9.2
VISC.-SEC	[illegible]	40	52
W.L.-C.C.	[illegible]	7.2	
FLTR. CK.	[illegible]	2/32	
PH		13	13
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Bal	1500		

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
1723	1772	D			44	25/40	1400	5½				

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	1754	¼							

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
800	830	½	Rig Serv + BOPs Kelly Cock
830	345	7¾	Drilling 7⅞ Hole
345	400	¼	Survey

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			FT.
13	STANDS D.P.	1179.81	FT.
1	SINGLES D.P.	31.20	FT.
19	D.C. I.D. O.D.	573.56	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.	8.50	FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN	14"	FT.
	TOTAL	1820	FT.
WT. OF STRING	78		LBS.

BIT RECORD

BIT NO.	3	
SIZE	7⅞	
MFG.	Reed	
TYPE	S4GS	
NOZZLE NO.	2 1	
NOZZLE SIZE	12 3	
SER. NO.	196150	
DEPTH OUT		
DEPTH IN	1772	
TOTAL FTG.	48	
TOTAL HR. RUN	4¾	
COND. OF BIT	RUN	
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME	8.00	10.00	11.00
WEIGHT	9.2	9.2	9.2
VISC.-SEC	50	48	48
W.L.-C.C.	7.1		6.8
FLTR. CK	4/32		2/32
PH	12.5		12.5
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Sawdust	5 sx		

DRILLER: Duane

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
1772	1820	D		Tally = 1765.79	40	30	1400	5½				
				Strap out 1784.21								
				18.42 Diff								

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	415	¼	Rig Serv + BOPs Motor Shut off OK
415	515	1	Trip for Bit Strap Out
515	715	2	Run in w/ Bit 3 + Lay Down Stabilizers + Pick Up 4 Drill Collars
715	1200	4¾	Drill 7⅞ Hole

DAILY DRILLING REPORT — REPORT NO. 7 — DATE: FRIDAY 1/10

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Placid Oil	61-20-112-00 Placid Chevron Mills Lake	660	NWT		

CONTRACTOR	RIG NO.	DRILL PIPE STRING NO.	SIZE	TOOL JOINT	TYPE THD.
S & T DRILLING (WESTERN) CO. LTD.	5	0	4½	6¼ O.D.	FH

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: [signature]

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

CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
	8⅝	MAN	24 J55	10	287.77		285	150 sx 3%

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL	7½	7	5¼
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			2
LUBRICATE RIG	¼	¼	¼
DEVIATION SURVEY	¼	¾	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

TIME SUMMARY (OFFICE USE ONLY)

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

WIRE LINE RECORD

REEL NO.	1
NO. OF LINES	4 SIZE 1¼
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		
1	STANDS D.P.	94.38	FT.
2	SINGLES D.P.	59.89	FT.
15	D.C. 6¼ I.D. O.D.	451.54	FT.
	D.C. I.D. O.D.		FT.
5	STB. BODY O.D.	4.03	FT.
1	STB. BODY O.D.	3.56	FT.
1	RMR. BODY O.D.	2.78	FT.
5	SUBS O.D.	8.50	FT.
	BIT OR C.B.		FT.
	—		FT.
	KELLY DOWN	41.50	FT.
	TOTAL	665	FT.
	WT. OF STRING	50 M	LBS.

BIT RECORD		
BIT NO.	1	
SIZE	7⅞	
MFG.	REED	
TYPE	YT3	
NOZZLE NO.	3	
NOZZLE SIZE	12	
SER. NO.	456911	
DEPTH OUT		
DEPTH IN	355	
TOTAL FTG.	310	
TOTAL HR. RUN	13½	
COND. OF BIT	RUN	
REAMER NO.		
REAMER TYPE		

MUD RECORD			
TIME	10:00	3:00	7:00
WEIGHT	8.4	8.4	8.4
VISC.-SEC	28	28	28
W.L.-C.C.			
FLTR. CK.			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

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

DRILLER: Duane DeFord

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
450	665	D		FUEL RIG TANK 5'2"	70	15	900	5½	60	5½		S
				SCALE TANK 2'0"				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
12⁰⁰	12¹⁵	¼	Rig Ser.
12¹⁵	7¹⁵	7½	DRLG 7⅞ HOLE
7¹⁵	8⁰⁰	¼	Survey

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
8	STANDS D.P.	753.52	FT.
1	SINGLES D.P.	30.86	FT.
15	D.C. 6¼ I.D. O.D.	451.54	FT.
	D.C. I.D. O.D.		FT.
5	STB. BODY O.D.	4.03	FT.
4	STB. BODY O.D.	3.56	FT.
3	RMR. BODY O.D.	2.78	FT.
5	SUBS O.D.	8.50	FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN	19'	FT.
	TOTAL	1265	FT.
	WT. OF STRING	58 M	LBS.

BIT RECORD		
BIT NO.	1	
SIZE	7⅞	
MFG.	Reed	
TYPE	YT3	
NOZZLE NO.	3	
NOZZLE SIZE	12	
SER. NO.	456911	
DEPTH OUT	1265	
DEPTH IN	355	
TOTAL FTG.	910	
TOTAL HR. RUN	20½	
COND. OF BIT	3 4 1	
REAMER NO.		
REAMER TYPE		

MUD RECORD			
TIME	8:00	11:00	3:00
WEIGHT	8.8	9.1	9.1
VISC.-SEC	28	29	29
W.L.-C.C.			
FLTR. CK.			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

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

DRILLER: Jim Lovell

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
665	1265	DR					900	5½	60			S
							1000	X				
								15				

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	690	¼°		913	0°		1129	½	

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8⁰⁰	8⁴⁵	¾	Drlg 7⅞ Hole
8⁴⁵	9⁰⁰	¼	Survey @ 690 ¼°
9⁰⁰	9¹⁵	¼	Rig Serv & BOPs
9¹⁵	11³⁰	2¼	Drilling
11³⁰	11⁴⁵	¼	Survey @ 913 0°
11⁴⁵	1⁴⁵	2	Drilling 7⅞ Hole
1⁴⁵	2⁰⁰	¼	Survey @ 1129 ½
2⁰⁰	4⁰⁰	2	Drilling

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
10	STANDS D.P.	931.24	FT.
2	SINGLES D.P.	63.14	FT.
	D.C. 6¼ I.D. O.D.	451.54	FT.
	D.C. I.D. O.D.		FT.
1	STB. BODY O.D.	4.03	FT.
1	STB. BODY O.D.	3.56	FT.
1	RMR. BODY O.D.	2.78	FT.
1	SUBS O.D.		FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN	41.50	FT.
	TOTAL	1505	FT.
	WT. OF STRING		LBS.

BIT RECORD		
BIT NO.	1	2
SIZE	7⅞	7⅞
MFG.	REED	HW
TYPE	YT3	X16
NOZZLE NO.	3	3
NOZZLE SIZE	12	12
SER. NO.	456911	187713
DEPTH OUT	1265	
DEPTH IN	355	1265
TOTAL FTG.	910	240
TOTAL HR. RUN	20½	5¼
COND. OF BIT	1 1 4	RUN
REAMER NO.		
REAMER TYPE		

MUD RECORD			
TIME	7:00		11:00
WEIGHT	9.2		8.6
VISC.-SEC			28
W.L.-C.C.			
FLTR. CK			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

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

DRILLER: Duane

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
1265	1505						1050	5½	60			
								X				
								15				

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	1317	¼							

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	5⁰⁰	1	TRIP for BIT
5⁰⁰	5¹⁵	¼	Rig SERV &
5¹⁵	5³⁰	¼	CHECK BLANK RAMS & HYDRIL
5³⁰	6³⁰	1	RUN IN W/BIT & CHECK OUT 47' of fill
6³⁰	7⁰⁰	½	DRLG 7⅞ HOLE
7⁰⁰	7¹⁵	¼	SURVEY
7¹⁵	12⁰⁰	3¾	DRLG

DAILY DRILLING REPORT — REPORT NO. 2 — DATE [illegible]

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Placid Oil	61-20-118-00 Placid Chevron Mills Lake	G-6D	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	6¼	FH

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	MAN	24-J55	10	289.11		285	140 sxs + 3%

TIME DISTRIBUTION–HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			
DRILLING ACTUAL			5
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS		1	3¼
LUBRICATE RIG			¼
DEVIATION SURVEY			
TEST B.O.P.		½	
CUT OFF DRILLING LINE			
REPAIR RIG		¼	
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT		1	
DRILL STEM TEST			
OTHER	8	5¼	7
FISHING			
COMPLETION WORK: A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	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.			
	STANDS D.P.		FT.
	SINGLES D.P.		FT.
	D.C. I.D. O.D.		FT.
8	D.C. 6¼ I.D. O.D.	244.22	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	32 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.
Gaunnet	5 sks.		

DRILLER: Duane DeFoe

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
285												

DEVIATION RECORD

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

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12⁰⁰	4⁰⁰	4	CUT OFF CASE WELD ON CASE BOWL
4⁰⁰	8⁰⁰	4	NIPPLING UP + [illegible] BLIND + PIPE RAMS
			Ground Elev. – 508.
			K.B. Elev. – 522
			K.B. – Csg Bl Fl – 13.10

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	STANDS D.P.		FT.
	SINGLES D.P.		FT.
8	D.C. 6¼ I.D. O.D.	247.30	FT.
	D.C. I.D. O.D.		FT.
	STB. BODY 6 O.D.		FT.
	STB. BODY O.D.		FT.
	RMR. BODY O.D.		FT.
	SUBS O.D.		FT.
	BIT OR C.B.		FT.
1	Shock Sub	4.50	FT.
	KELLY DOWN		FT.
	TOTAL		FT.
	WT. OF STRING		LBS.

BIT RECORD

BIT NO.	1
SIZE	7⅞
MFG.	Reed
TYPE	YT3
NOZZLE NO.	3
NOZZLE SIZE	12
SER. NO.	856911
DEPTH OUT	
DEPTH IN	355
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.
Bicarb	300#		

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. 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
355												

DEVIATION RECORD

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

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8⁰⁰	1¹⁵	5¼	HEAD UP – REPAIR BLIND + PIPE RAMS (NEW PATTERN)
1¹⁵	1³⁰	¼	PRESSURE BLIND RAMS TO 1000 PSI OK
1³⁰	2³⁰	1	PICK UP SHOCK SUB AND RUN IN DRILL COLLARS
2³⁰	2⁴⁵	¼	TRIP OUT KELLY
2⁴⁵	3⁰⁰	¼	PRESSURE HYDRY 1000 PSI OK [illegible]
3⁰⁰	4⁰⁰	1	DRILL OUT CEMENT
			CEMENT TOP [redacted]

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	STANDS D.P.		FT.
	SINGLES D.P.		FT.
13	D.C. I.D. O.D.	397.94	FT.
	D.C. I.D. O.D.		FT.
1	STB. BODY 6⅞ O.D.	4.03	FT.
1	STB. BODY 6⅞ O.D.	3.56	FT.
1	RMR. BODY 6⅞ O.D.	2.78	FT.
1	SUBS Sub O.D.	2.50	FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN	34.	FT.
	TOTAL	450	FT.
	WT. OF STRING	45 M	LBS.

BIT RECORD

BIT NO.	1
SIZE	7⅞
MFG.	Reed
TYPE	YT3
NOZZLE NO.	3
NOZZLE SIZE	12
SER. NO.	856911
DEPTH OUT	
DEPTH IN	355
TOTAL FTG.	95
TOTAL HR. RUN	6
COND. OF BIT	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: Duane

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
355	450	2	–		70	15	900	5½		5½		S
								✓		✓		
								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
4⁰⁰	6⁰⁰	2	DRILL OUT Cement + Float + Shoe
6⁰⁰	6¹⁵	¼	Rig Serv + [redacted]
6¹⁵	7¹⁵	1	DRILL 7⅞ HOLE
7¹⁵	8⁰⁰	¾	HOOK TO INSTALL STABILIZERS + RUN IN
8⁰⁰	10⁰⁰	2	DRLG MOUSE HOLE
10⁰⁰	12⁰⁰	2	DRLG 7⅞ HLE

DAILY DRILLING REPORT

REPORT NO. 2 DATE Feb 27/80

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Placid Oil	61-20-118-00 Placid Chevron Mill Lake	660	N WT		

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: [signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. STACK

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	Man.	24-J-55	10	289.77		285	180 sxs + 3%

TIME DISTRIBUTION—HOURS

	MORN	DAY	EVE
RIG UP & TEAR DOWN			3
DRILLING ACTUAL	2 1/2		
REAMING	3 1/4	5 3/4	
CONDITIONING MUD & CIRCULATING		1/2	1/2
TRIPS	1 1/4	1	
LUBRICATE RIG	1/4	1/4	
DEVIATION SURVEY	1/4		
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING		1/2	2 1/2
WAITING ON CEMENT			5 1/4
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.			
	STANDS D.P.		FT.
	SINGLES D.P.		FT.
	D.C. I.D. O.D.		FT.
3	D.C. I.D. O.D.	9293	FT.
	STB. BODY O.D.		FT.
	STB. BODY O.D.		FT.
	RMR. BODY O.D.		FT.
	SUBS Bit Sub	3.14	FT.
	BIT OR C.B.		FT.
	Shock Sub	8.86	FT.
	KELLY DOWN		FT.
	TOTAL	146.	FT.
	WT. OF STRING	32 M	LBS.

BIT RECORD

BIT NO.	2	3 RR
SIZE	7 7/8	12 1/4
MFG.	HW	Reed
TYPE	OSC1G	TIGCT
NOZZLE NO.	3	0
NOZZLE SIZE	12	
SER. NO.	475336	654269
DEPTH OUT	355	
DEPTH IN	126	0
TOTAL FTG.	229	146
TOTAL HR. RUN	17 1/4	3 1/4
COND. OF BIT	E31	RUN
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME	2	5:00	7:00
WEIGHT	10.2	10.3	10.2
VISC.-SEC	61	60	70
W.L.-C.C.			
FLTR. CK.			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.
Caustic	50		

DRILLER: Duane DeFore

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 SCL.-S PAR'EL-P COM'D-C
280	355	D		FUEL 6 3" Rig TANK	70	10	900	5½	59	5½		S
0	146	R			55			X		X		
								15		12		

DEVIATION RECORD	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
	355	3/4							

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	1/4	Rig Sea
12:15	2:45	2 1/2	Drill to 355 Hole
2:45	3:00	1/4	Survey
3:00	1:15	1 1/4	Trip Out Drill Collars
1:15	1:30	1/4	Pick up Check bit
1:30	7:45	3 1/4	Ream 12 1/4 Hole
7:45	8:00	1/4	Work out Bridge

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	STANDS D.P.		FT.
	SINGLES D.P.		FT.
8	D.C. 6 1/4 I.D. O.D.	244.20	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 Bit Sub O.D.	3.14	FT.
	BIT OR C.B.	8	FT.
1	Shock Sub	8.86	FT.
	KELLY DOWN	29	FT.
	TOTAL	285.00	FT.
	WT. OF STRING	32	LBS.

BIT RECORD

BIT NO.	3RR	
SIZE	12 1/4	
MFG.	Reed	
TYPE	TIGCT	
NOZZLE NO.	0	
NOZZLE SIZE		
SER. NO.	654269	
DEPTH OUT		
DEPTH IN	0	
TOTAL FTG.	285	
TOTAL HR. RUN	9	
COND. OF BIT	3-2-1	
REAMER NO.		
REAMER TYPE		

MUD RECORD

TIME	10:00	12:00	2:00
WEIGHT	10.0	10.2	10.0
VISC.-SEC	65	60	60
W.L.-C.C.			
FLTR. CK.			
PH			
SD. CONT. %		Change	
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED

TYPE	AMT.	TYPE	AMT.

DRILLER: Ron Hall

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 SCL.-S PAR'EL-P COM'D-C
146	285	Rm			130	10	200	5½				
								X				
								12				

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

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:30	1/2	Reaming
8:30	8:45	1/4	Serv Rig
8:45	12:30	3 3/4	Ream 7 7/8 Hole to 12 1/4
12:30	MD	1/2	Measure Out check bit
MD	2:30	1 1/2	Ream 7 7/8 – 12 1/4
2:30	3:00	1/2	Circ To Run Csg.
3:00	3:30	1/2	Hole To Run Csg
3:30	4:00	1/2	Run 8 5/8 Csg

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	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 SCL.-S PAR'EL-P COM'D-C
285												

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	5:30	1 1/2	Run 8 5/8 Csg
5:30	6:00	1/2	Circ Csg
6:00	6:45	3/4	Cementing + plug down At 6:45 P.M
6:45	19:00	5 1/4	W.O.C.

Ran 10 jts (289.77) of 8 5/8", 24.0#, J-55, STC, Rge 3, new Manu. Casing landed at 285' K.B. and cemented by Howco w/ 180 sxs normal cement plus 3% CaCl2. Plug down at 6:35 P.M. 4 bbls returns to surface.

DAILY DRILLING REPORT

REPORT NO. 1 DATE Feb 28 1/10

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Placid Oil	61-20-113-00 Placid Chevron Mills Lake	G-60	N.W.T. Mills Lake		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: [signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: A. STACK

PUMPS NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Nat	C-250	10
2.	Nat	C-250	10
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			9
DRILLING ACTUAL	9 1/4	7 3/4	13 1/4
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS		1/4	
LUBRICATE RIG	1/4		
DEVIATION SURVEY	1/4	1/2	1/4
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER	3 1/4		
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		
	STANDS D.P.		FT.
	SINGLES D.P.		FT.
2	D.C. I.D. O.D.	62 71	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.	4.00	FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN	17	FT.
	TOTAL	84	FT.
	WT. OF STRING	23 M	LBS.

BIT RECORD		
BIT NO.	1	
SIZE	7 7/8	
MFG.	HW	
TYPE	OSC-3S	
NOZZLE NO.	3	
NOZZLE SIZE	12	
SER. NO.	7449	
DEPTH OUT		
DEPTH IN	0	
TOTAL FTG.	84	
TOTAL HR. RUN		
COND. OF BIT	RUN	
REAMER NO.		
REAMER TYPE		

MUD RECORD		
TIME		
WEIGHT		
VISC.–SEC		
W.L.–C.C.		
FL.TR. CK.		
PH		
SD. CONT. %		
PRESSURE GRADIENT		

MUD & CHEMICALS ADDED TYPE	AMT.	TYPE	AMT.
Gel	200		
Sawdust	Sacks		

DRILLER: Duane DeLand

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. LINER SIZE	S.P.M.	METHOD RUN SGL.–S PAR'EL–P COM'D–C
0	84			FUEL 5'8" R.G TANK.	65	5	900	5 1/2		1.		S
								4		7		
								15		12		

DEVIATION RECORD DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
60	1/8							

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12 00	12 15	1/4	Rig Ser
12 15	3 30	3 1/4	Dig Rat Hole
3 30	6 30	3	Spud in 7 7/8 Hole Pilot
6 30	6 45	1/4	Survey @ 60
6 45	8 00	1 1/4	Drill 7 7/8 Pilot Hole

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	STANDS D.P.		FT.
	SINGLES D.P.		FT.
3	D.C. I.D. O.D.	6 1/4 62 71	FT.
4	D.C. I.D. O.D.	6 1/4 123 75	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	17.31	FT.
	TOTAL	1160 FT	
	WT. OF STRING	24 M.	LBS.

BIT RECORD		
BIT NO.	1	2
SIZE	7 7/8	7 7/8
MFG.	HW	HW
TYPE	OSC3	OSC1G
NOZZLE NO.	3	3
NOZZLE SIZE	12	12
SER. NO.	7449	4753
DEPTH OUT	126	
DEPTH IN	0	126
TOTAL FTG.	126	34
TOTAL HR. RUN	8 3/4	3
COND. OF BIT	Drill	Run
REAMER NO.		
REAMER TYPE		

MUD RECORD			
TIME	1800		200
WEIGHT			
VISC.–SEC	50		70
W.L.–C.C.			
FL.TR. CK.			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED TYPE	AMT.	TYPE	AMT.
Caustic	50#		
Gel	30#		

DRILLER: Jim Newell

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
84'	160	0				5	900	2 1/2				

DEVIATION RECORD DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
108	1/2		134	1				

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8 00	9 30	1 1/2	Drill 7 7/8 Pilot Holes
9 30	9 45	1/4	Survey @ 108'
9 45	12 30	2 3/4	Drill
12 30	12 45	1/4	Change Bits
12 45	2 45	2	Drill 7 7/8 Pilot Hole
2 45	3 00	1/4	Survey @ 134' (Misrun)
3 00	4 00	1	Drill 7 7/8 Hole

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	STANDS D.P.		FT.
	SINGLES D.P.		FT.
	D.C. I.D. O.D.		FT.
8	D.C. I.D. O.D.	247.45	FT.
	STB. BODY O.D.		FT.
	STB. BODY O.D.		FT.
	RMR. BODY O.D.		FT.
	SUBS O.D.	4 00	FT.
	BIT OR C.B.		FT.
			FT.
	KELLY DOWN	29	FT.
	TOTAL	300	FT.
	WT. OF STRING		LBS.

BIT RECORD		
BIT NO.	2	
SIZE	7 7/8	
MFG.	OSC1G	
TYPE	HW	
NOZZLE NO.	3	
NOZZLE SIZE	12	
SER. NO.	4753	
DEPTH OUT		
DEPTH IN	126	
TOTAL FTG.	174	
TOTAL HR. RUN	5	
COND. OF BIT	run	
REAMER NO.		
REAMER TYPE		

MUD RECORD			
TIME		900	1100
WEIGHT	49	10.0	10.0
VISC.–SEC	40	60	60
W.L.–C.C.			
FL.TR. CK			
PH			
SD. CONT. %			
PRESSURE GRADIENT			

MUD & CHEMICALS ADDED TYPE	AMT.	TYPE	AMT.

DRILLER: Jim & Duane

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
160'	280	0				5						

DEVIATION RECORD DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
120	3/4		190	0		262	0	

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4 00	4 45	3/4	Drill
4 45	5 00	1/4	Survey @ 170'
5 00	5 15	1/4	Rig Ser
5 15	8 00	2 3/4	Drill 7 7/8 Pilot Hole
8 00	8 15	1/4	Survey @ 190
8 15	11 15	3	Drill 7 7/8 Pilot Hole
11	11 30	1/4	Survey @ 217
11 30	12 00	1/2	Drill 7 7/8 Pilot Hole

DAILY DRILLING REPORT | REPORT NO. | DATE FEB 25

OPERATOR	LEASE	WELL NO.	FIELD OR DIST.	COUNTY	STATE
Placid Oil	Placid Chevron Mills Lake	G-60	N HT		

CONTRACTOR	RIG NO.	DRILL PIPE STRING NO.	DRILL PIPE STRING 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. Weekes

PUMPS NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.			
2.			
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	6		
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

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: Duane Dexford

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
				Rig Tent								

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

TIME LOG FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12⁰⁰	8⁰⁰	8	Rigging up.

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: 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	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
			Rigging up

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.	1	
SIZE	7 7/8	
MFG.	HW	
TYPE	OSC3J	
NOZZLE NO.	3	
NOZZLE SIZE	12	
SER. NO.	7449	
DEPTH OUT		
DEPTH IN	0	
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.
Gel	3000		

DRILLER: Duane Dexford

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
0												

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	10⁰⁰	6	Rig up To Spud
10⁰⁰	10³⁰	½	Pick up Kelly [illegible]
10³⁰	12⁰⁰	1½	Dig RAT Hole
		8	