Drilling Authority No. 287

Project No.

File No.

CANADA

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 Kakisa J-65

Location: Unit: J Section: 65 Grid: 60° 50', 117° 15'

Latitude: 60° 44' 42" Longitude: 117° 27' 07"

From Established Reference Marker: -

Universal Well Location Reference: Lat. 60.74500° N., Long. 117.45194° W.

Elevation: Ground: 890 K.B. 1002 (est.) feet above sea-level.

Well is expected to produce from: Middle Devonian formation at a depth of about 2550 feet. Expected total final depth: 3200

Area assigned to well: (for Oil Conservation Engineer's use only)

Permit No. 3488 Lease No. - Acreage 31,324

Permittee, licensee, or lessee: Chevron Standard Limited

Exploratory Licence No. 1055

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	150	150
2. 5-1/2	14	J-55	New	3200	250
3.					
4.					
5.					

Expected water, gas, and oil horizons and type of control equipment: Middle Devonian - to be controlled with drilling mud and blowout preventors

Well will be drilled with Rotary Rig No. 4 by Guthrie McLaren Drilling Ltd. (Drilling Contractor or company)

Contractor's Business Licence No. 18295

Responsible agent of applicant:—

At well: Jack Rosichuk
Address: at Wellsite

At registered office: T. J. Harp
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 January, 19 68.

Signed by [signature] Company: Placid Oil Company

Title: Production Supt. Operator's Licence No. 1157

(For Resource Management Division use only)

APPROVED

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

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

Dated 4th January 19 68

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 - 300J656050117150

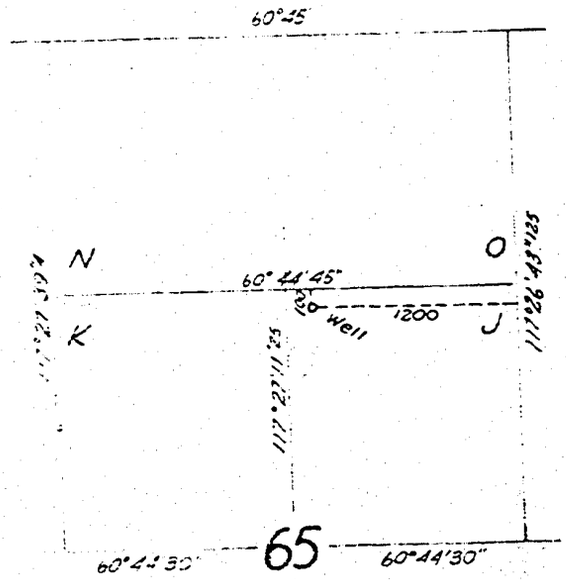
PRELIMINARY PLAN

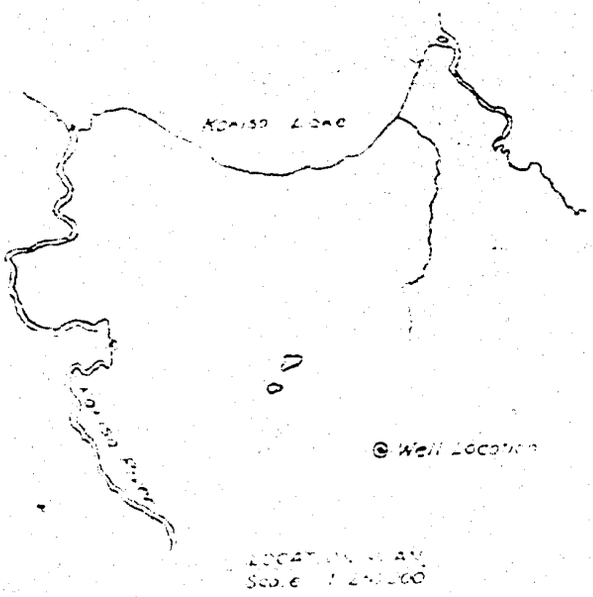
PLACID KAKISA #1

Unit J Section 65 Grid Area 60°50';117°15'

Latitude 60°44'42" Longitude 117°27'07"

NORTH WEST TERRITORIES





LOCATION PLAN
Scale 1:250,000

I certify that this plan is correct to the best of my knowledge and was completed on the 24th day of December, 1967

Dominion Land Surveyor

Witness

MIDWEST SURVEYS CO. LTD.

PLACID OIL COMPANY

ELEVATION: Ground

CO-ORDS: Well is located 100-S, 1200'W } of NE cor Unit J Sec 65

Scale 1000' to 1"
Triangulation Station
Well Location
Survey monument found shown thus
" " planted " "
Portions referred to outlined
Distances are in feet and decimals
DATUM:

File No. .....
Drilling Authority No. 287

CANADA

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
RESOURCE MANAGEMENT DIVISION

Application to Abandon a Well ~~or Suspend Drilling~~

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

Name and number of well: Placid Kakisa J-65

Location: Unit: J Section: 65 Grid: 60°50', 117°15'

Latitude: 60° 44' 42" Longitude: 117° 27' 07"

From Established Reference Marker

Universal Well Location Reference: Lat. 60.74500°N, Long. 117.45194°W

Permit No. 3488 Lease No. -

Chevron Standard Limited
(Permittee, Licensee, Lessee)

Date of commencement of proposed program: February 9, 1968

OIL, GAS, AND WATER ENCOUNTERED
(Depths)

Oil at
Gas at
Water at 2660'
Total Depth 3041' Date of last operations: February 9, 1968
Present condition of well: Preparing to abandon

CASING RECORD

Casing Size O.D. Inches	Weight	Amount	Set At—	Sacks of Cement and Additives	Amount Pulled
1. 8-5/8	24	166	166	115	None
2.					
3.					
4.					
5.					

PROPOSED ABANDONMENT PROGRAM

Plug No.	Plug Position	Geological Formation	Number of Sacks of Cement	Remarks
1	2600 - T.D.	Devonian Granite Wash	150	
2	110 - 210	Surface Casing	30	

The following logs have been run: Dual Induction Laterolog, Gamma Sonic

Other operations proposed

Operations to be carried out by: Guthrie McLaren Contractor Licence No. 18295

Address: 14630 - 119th Avenue, Edmonton, Alberta

Responsible Agent in field: Mr. Jack Roslchuk

Dated at Calgary this 9th Day of February 1968

Signed by T.J. Harp Company: Placid Oil Company

Title: Superintendent Operator's Exploratory Licence No. 1157

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. S.H.J. Thoms on the 8th of February 1968.

Dated 14th February, 1968

B.H. Thoms
Oil Conservation Engineer

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

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

Drilling Authority No. 287
Date Issued January 4, 1968

CANADA

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
RESOURCE MANAGEMENT DIVISION

WELL COMPLETION DATA

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

Well name and number: Placid Chevron Kakisa J-65

Permit No. 3488 Lease No. -

Chevron Standard Limited (Permittee, Licensee, Lessee) Exploratory Licence No. 1055

Placid Oil Company (Operator) Exploratory Licence No. 1157

Location: Unit J Section 65 Grid 60°50', 117°15'

Latitude 60° 44' 42" Longitude 117° 27' 07"

From Established Reference Marker 100' S., 1200' W. of N.E. Corner Unit J, Sec. 65

Universal Well Location Reference Lat. 60.74500°N., Long. 117.45194°W.

	DATE	DEPTH
Spudded	1/22/68	
Suspended		
Resumed Operations		
Finished Drilling	2/8/68	3041
Deepened		
Complete (gas/oil)		
Abandoned	2/9/68	3041
Rig released	2/10/68	3041

Pool(s) -

Interval(s) open to production -

Elevation: Gr. 890 K.B. 902

Rig No. 4

Drilling Contractor: Guthrie McLaren

Contractor's Business Licence No. 18295

CASING RECORD

Casing Size (inches)	Grade	Weight	Amount	Set at –	Sacks of Cement and Additives
1. 8-5/8	J-55	24#	174'	166'	115 + 4% CaCl
2.					
3.					
4.					
5.					
6.					

GEOLOGICAL TOPS	ELEVATION Depths	ELEVATION Sub-Sea
Hay River Shale	1084	- 182
Slave Point	2255	-1353
Watt Mountain	2459	-1557
Sulphur Point	2461	-1559
Middle Devonian Dolomite	2658	-1756
Chinchaga	2833	-1931
Granite Wash	2887	-1985
Pre-Cambrian	-	(-2133)

CORE RECORD

From	To	Rec.	From	To	Rec.
2589	2623	34			

LOG RECORD

Run No.	Type of Log	From	To
1	Dual Induction LL	3037	166
1	BHC Gamma Sonic	3035	166

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

CEMENTING RECORD (Plug, Squeeze, etc.)			
Date	From	To	Remarks
2/10/68	3041	2600	203 sks cement
2/10/68	216	116	60 sks + 3% CaCl Felt at 112'.
	Surface		5 sacks Portland Normal Cement.

PERFORATING RECORD (Bullet, Jet)			
Date	From	To	Remarks

SERVICING RECORD (Acidizing, Fracing, etc.)			
Date	From	To	Remarks

DRILL STEM TESTS

No.	Date	Formation	From	To	V.O. Mins.	I.S.I. Mins.	F.S.I. Mins.	I.S.I.B.H.P.	F.S.I.B.H.P.	I.F.B.H.P.	F.F.B.H.P.	I.H.P.	F.H.P.	REMARKS
1	2/8/68	Granite Wash	2882	3041	45	30	30	37	37	37	37	1382	1338	Rec. 10' drilling Mud
2	2/9/68	Devonian Pine Point	2660	2706								1278	1278	Misrun - seat failure

ANALYSIS

Lab. No.	Sample	From	To	Source	Remarks
CBH-2-2660	Water	2660	2706	DST #2	

PRESENT STATUS OF WELL

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

Company: Placid Oil Company

Signed by: [signature]

Title: Production Superintendent

Date: April 26, 1968

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

PLACID CHEVRON KAKISA J-65

J-65-60°50'N, 117°15'W

GEOLOGICAL & EVALUATION
Resource Management Division
MAY 15 1968
OTTAWA, CANADA
Dept. of Indian Affairs & Northern Development

PROFESSIONAL GEOLOGIST ALBERTA
ROBERT L. TEDRICK

February 28, 1968.

Robert L. Tedrick Petroleums Ltd.,
1520 - 110th Avenue S.W.,
Calgary, Alberta,

R. L. Tedrick P. Geol.

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331-11-4-10

PLACID CHEVRON KAKISA J-65

Section I - Summary of Well Data

(a) Well Name and Number - Placid Chevron Kakisa J-65

(b) Permittee - Chevron Standard Limited

(c) Operator - Placid Oil Co., 860 Guinness House, Calgary, Alberta.

(d) Location - J-65-60°50'N, 117°15'W.
60°44'42"N, 117°27'07"W.

(e) Permit No. - 3488

(f) Contractor - Guthrie-McLaren Drilling Co., Rig No. 4, National T-12

(g) Drilling Authority - 287 **Issued January 4, 1968.**

(h) Classification - **New Field Wildcat.**

(i) Elevations - Ground Elevation 890 feet
Kelly Bushing Elevation 902.4 feet

(j) Spudded - 3:30 a.m. January 22, 1968

(k) Completed - 1:35 a.m. February 8, 1968

(l) Total Depth - 3041 feet

(m) Status - Drilled and Abandoned

(n) Rig Released - 4:00 p.m. February 10, 1968

(o) Hole Size - 0' - 166' : 12¼"
166' - 3041' : 7 7/8"

(p) Casing - 174 feet of 8 5/8", 24 pound, J-55 casing @ 166' with 115 sacks of cement + 4% $CaCl_2$

(q) Universal Well Location Reference - Lat. 60.74500° N.
Long. 117.45194° W.

(r) Unique Well Identifier - 300J656050117150

Section II - Geological Summary

(a) Formation Tops

	Sample Top	E-log Top	Subsea
Devonian			
Trout River	Surface	-	+ 902
Hay River Shale	1060	1084	- 182
Slave Point	2255	2255	-1353
Watt Mountain	2435	2459	-1557
Sulphur Point	2445	2461	-1559
Middle Devonian			
Dolomite	2650	2658	-1756
Chinchaga	2835	2833	-1931
Granite Wash	2890	2887	-1985
Precambrian	3035	-	(-2133)

(b) Cored Intervals

- Core No. 1 2589'- 2623'
Cut 34' Recovered 34'
Devonian Sulphur Point (Presqu'ile)

(c) Core Description -

2589 - 2593.5 (4.5') Limestone, tan to white, 40% micrite, 50% Amphipora and unidentifiable organic debris, 5% brachiopod fragments with less than 5% dolomite occurring as drusy linings in ½" to 2" vugs and irregular dolomitized patches. In upper 1.5' the porosity ranges from rare pin point vugs to near 5%. In next 3.0' the porosity ranges up to 10% vug porosity with patchy, dead oil staining and a strong sulphurous odor.

2593.5 - 2623 (29.5') Limestone, light brown, microcrystalline, dense, with rare 1" vugs filled with coarse, white dolomite crystals. Numerous stylolites and minor fractures. No apparent staining but a strong sulphurous odor.

2589 - 90	10 min.
2590 - 91	9 "
2591 - 92	7 "
2592 - 93	7 "
2593 - 94	7 "
2594 - 95	7 "
2595 - 96	6 "
2596 - 97	7 "

2597 - 98	7 min.
2598 - 99	7 "
2599 - 00	5 "
2600 - 01	7 "
2601 - 02	6 "
2602 - 03	7 "
2603 - 04	8 "
2604 - 05	7 "
2605 - 06	9 "
2606 - 07	7 "
2607 - 08	8 "
2608 - 09	7 "
2609 - 10	7 "
2610 - 11	8 "
2611 - 12	7 "
2612 - 13	7 "
2613 - 14	8 "
2614 - 15	8 "
2615 - 16	9 "
2616 - 17	8 "
2617 - 18	8 "
2618 - 19	7 "
2619 - 20	8 "
2620 - 21	8 "
2621 - 22	7 "
2622 - 23	21 "

(d) Sample Description

0-20	Quartz sand, unsorted, unconsolidated and granite pebbles and fragments.
20-30	As above with Limestone, light brown microcrystalline, dense.
30-50	Limestone, as above with 10-15% silt.
50-60	Limestone, light brown microcrystalline, 90% micrite, 10% unidentifiable organic fragments, dense, less than 5% pyrite.
60-100	Limestone, light brown, microcrystalline, occasional calcite stringer with Limestone, white, microcrystalline, dense, with occasional light gray mottling at 80'.
100-130	Limestone, light gray, very fine crystalline, 80% micrite with 20% silt grains. Silt content increases to 30-40% at 120'.

130-140	Limestone, as above with Limestone, white, microcrystalline, earthy in part.
140-170	Limestone, light brown, micro to very fine crystalline, 70% micrite, 20% unidentifiable organic fragments and calcispheres, 5% argillaceous material and up to 5% mica and pyrite.
170-180	Sandstone, white, very fine grained, angular, well sorted, 20% calcareous cement, tight.
180-220	Siltstone, light brown, 5-10% mica, 10% calcareous cement with Limestone, light brown, microcrystalline, up to 10% silt grains, dense.
220-240	Siltstone, light brown to white, 5% mica, 5% calcareous cement.
240-260	Siltstone, as above with Limestone, light brown, microcrystalline, 20% intraclasts, 50% micrite, 30% silt grains, trace of pyrite.
260-280	Limestone, as above with Limestone, light gray, microcrystalline, 10% argillaceous material, dense.
280-310	Limestone, light brown, very fine crystalline, 15-20% intraclasts, 80% micrite, dense, brachiopod fragments at 300', Atrypid? brachiopods at 310'.
310-350	Limestone, as above with Limestone, light gray, microcrystalline, 10% argillaceous material, 10% silt grains, Ostracodes? At 330 and 340 feet, occasional patches of organic debris.
350-390	Limestone, light brown, 60% micrite, 10% algal? material, 20% sparry calcite, with Limestone, light gray, as above.
390-410	Sandstone, light gray, very fine grained, well sorted, sub-rounded, 10-15% calcareous cement, trace of biotite.
410-430	Sandstone, as above with Limestone, light brown, microcrystalline, 5-10% atrypid? brachiopods.
430-440	Limestone, as above.
440-480	Limestone, as above with Siltstone, light gray, 10% calcareous cement, trace of biotite, trace of pyrite. Siltstone grades up to very fine grained Sandstone at 460'.

480-500 Limestone, light brown, microcrystalline, with crinoids and brachiopods.

500-510 Limestone, as above with Shale, light gray, calcareous.

510-520 Shale, as above, 10-15% calcareous material with Limestone, as above but 10% argillaceous material.

520-550 Shale, as above with Shale, medium brown, 5-10% calcareous material, with Siltstone, at 540', light gray, micaceous, 5-10% calcareous cement.

550-570 Shale, light gray, micaceous, calcareous, with Limestone, light brown, micro to very fine crystalline, occasional sparry calcite inclusions, brachiopods and Amphipora?.

570-640 Limestone, light brown, microcrystalline, brachiopods and crinoids with Shale, at 630', light gray, trace of calcareous material.

640-700 Limestone, light brown, microcrystalline, 80% micrite, 10% sparry calcite, 10% organic fragments and trace of pyrite. With Siltstone at 660', light gray, 10-15% calcareous material, trace of pyrite and muscovite, occasionally grading to very fine grained Sandstone. Rare pockets of coarse biocalcarenite at 690'.

700-720 Limestone, light brown, micro-very fine crystalline, 5-10% silt grains with Sandstone, white, very fine to fine grained, sub-angular, fair sorting, trace of muscovite. Rare brachiopod and crinoid fragments.

720-750 Limestone, light gray, microcrystalline, 10-15% silt grains, 5% argillaceous material, with Shale, light gray, very slightly calcareous with traces of Sandstone as above. With Limestone at 740', light brown, microcrystalline, 5-10% sparry calcite, 5-10% brachiopod fragments and stromatoporid or algae fragments.

750-780 Limestone, light brown, 40% micrite, 40% fine grained intraclasts, 10% bioclastic material, 10% argillaceous material. With trace of Sandstone, white, very fine to fine grained, angular, fair sorting, silty, argillaceous, trace of muscovite. Common crinoid ossicles and rare brachiopod fragments at 780'.

780-840 Limestone, light brown, 40% fine grained intraclasts, 30% micrite, 10% calcispheres and rods, 20% brachiopod (atrypid) and algal fragments, crinoid ossicles and colonial corals. With Shale at 820', light gray, very slightly calcareous.

840-860 Limestone and Shale as above with Limestone, white, 60% fine grained intraclasts, 30% micrite, 10% very fine quartz grains.

860-880 Sandstone, light gray, very fine grained, subrounded, good sorting, tight, 10-15% calcareous cement, trace of muscovite.

880-910 Limestone, light brown, 70% micrite, 30% very fine grained intraclasts with Shale at 900', light gray, micaceous.

910-960 Limestone, light brown, microcrystalline, up to 10% silt grains with a trace of calcareous rods with occasional beds(?) of Sandstone, white, very fine grained, subrounded, poor sorting, silty, micaceous, calcareous. With Limestone at 960', light brown, microcrystalline, trace of algal material, tight, trace of patchy, dead oil stain.

960-980 Limestone, light gray, microcrystalline, argillaceous, tight with Shale, light gray, calcareous, micaceous, very slightly silty. At 980' Limestone has pockets of fine grained intraclasts and argillaceous material.

980-990 Limestone, as above with Limestone, light gray, very fine crystalline, earthy in part.

990-1030 Limestone, mottled light brown and gray, 60% micrite, 40% fine to medium grained intraclasts and shale fragments. With Limestone at 1030', light brown, microcrystalline, dense.

1030-1060 Limestone, as above with Shale, medium gray, non-calcareous and Siltstone, light brown, very calcareous.

Devonian Hay River Shale

1060-1170 Shale, light gray-green, non-calcareous, with Siltstone, light brown, argillaceous, micaceous, very slightly calcareous and occasional Limestone, light gray, microcrystalline, slightly argillaceous. Sample quality extremely poor over this interval.

1170-1190 No samples.

1190-1290 Shale, light gray-green, slightly calcareous, slightly micaceous, with rare beds Limestone, medium gray, 15-20% argillaceous material, trace micaceous material. From 1230' occasional lenses(?) of Siltstone, light gray, slightly calcareous, argillaceous.

1290-1410 Shale, gray-green, very slightly calcareous, with Shale, light gray, 5-10% calcareous material, slightly micaceous. At 1330', occasional lenses or beds of Limestone, light gray-brown, microcrystalline, 30-40% argillaceous material, micaceous.

1410-1430 Limestone, medium gray, microcrystalline, 20-30% argillaceous material, with Shale, light gray, calcareous, micaceous, with occasional Limestone, light brown, microcrystalline, dense.

1430-1460 Limestone, light gray, microcrystalline, 10-20% argillaceous material, dense, with Shale, green, calcareous, micaceous. Rare ostracodes.

1460-1580 Shale, gray-green, calcareous, micaceous, with Shale, light gray, slightly calcareous, micaceous with Limestone as above. Limestone interbeds become 40% of interval at 1510' and 50% at 1560'.

1580-1800 Shale, light green, slightly calcareous, micaceous, with Limestone, light gray, microcrystalline, 20-30% argillaceous material, micaceous in part. Shale : Limestone as 1:1. At 1640' Limestone, light brown, very fine crystalline, slightly dolomitic, occasional crinoid ossicles.

1800-1920 Shale, dark green, very slightly calcareous, micaceous. At 1840' Limestone, light brown, microcrystalline, dense. At 1910' with Shale, light gray, very slightly calcareous, micaceous.

1920-2010 Shale, light green, very slightly calcareous, micaceous, with Limestone, light brown, 60% micrite, 40% very fine grained intraclasts, trace of argillaceous material, rare brachiopod fragments.

2010-2035 No samples over this interval. Negligible returns and shaker screen in need of repair.

2035-2065 Shale, light gray, slightly calcareous, micaceous, with Shale, light green, very slightly calcareous, micaceous, with Limestone, light brown, very fine crystalline, trace of argillaceous fragments. At 2055', traces of carbonaceous material in green shale.

2065-2155 Shale, light green as above with Shale, light gray as above.

2155-2240 Shale, as above with Limestone, dark gray, microcrystalline, 20-30% argillaceous material, less than 10% bituminous material. At 2190' occasional Limestone, light gray, microcrystalline, dense. Limestone - light gray becomes 30-40% of interval at 2215'.

2240-2255 Shale, light green as above with Shale, light gray as above with Limestone, mottled light and medium brown, 75% intraclasts and bioclasts, 20% micrite with trace of sparry calcite and pyrite. Recognizable crinoid fragments.

Devonian Slave Point Formation

2255-2260 Limestone, light brown, 50% intraclasts, 10% bioclasts, 10% sparry calcite, 5-10% oolites, 20% micrite, trace of poor intergranular porosity, scattered live oil stain, good fluorescence, fair cut. Trace pyrite.

2260-2270 No sample. Pipe correction 12 feet deeper than driller's tally.

2270-2275 Limestone, as above.

2275-2285 Shale, dark green, trace bituminous material with Shale, light gray-green, slightly micaceous, noncalcareous.

2285-2315 Shale, as above with Limestone, dark gray, microcrystalline, 20% argillaceous material, with Limestone, light brown, 60% very fine intraclasts, 40% micrite.

2315-2390 Limestone, medium brown, 75% very fine intraclasts, 25% micrite, fair vug porosity, patchy dead oil staining, weak fluorescence, poor cut. Occasional beds(?) of Limestone, light brown, microcrystalline, earthy. Common pyrobitumen in medium brown line below 2325'. Rare traces of algal fragments and rare isolated patches of poor live oil staining.

2390-2405 Limestone, light brown, 70% fine grained intraclasts, 5% oolites, 10% micrite, 10% sparry calcite, less than 5% pyrobitumen and/or carbonaceous material, dense with Limestone, medium brown, microcrystalline, 10% argillaceous material, rare stylolite, dense. At 2400' Amphipora.

2405-2435 Limestone, light brown, 50% very fine intraclasts, 10% Amphipora fragments, 20% micrite, 20% sparry calcite, fair pin point vug porosity, questionable live oil staining, good fluorescence, poor cut with Limestone, medium gray, microcrystalline, 10% argillaceous material, 10% organic fragments, dense, with Limestone, mottled light and medium brown, 70% very fine intraclasts, 20% micrite, 10% sparry calcite, dense, becomes earthy in part at 2415'. No staining below 2420'.

Devonian Watt Mountain Formation

2435-2445 Limestone, light brown, microcrystalline, dense, earthy in part, with Shale, dark green, very calcareous.

Devonian Sulphur Point Formation

2445-2580 Limestone, white, microcrystalline, earthy in part and with rare pockets of very fine crystalline lime showing poor pin point porosity. Amphipora. At 2480' with rare beds of Limestone, light gray, microcrystalline dense. At 2490' less than 5% disseminated pyrite crystals. At 2540' rare large crystalline dolomite rhombs, white.

2580-2589 Limestone, light brown, 40% micrite, 40-50% organic fragments, 5% intraclasts with 5-10% white dolomite rhombs, lime is slightly dolomitic overall, trace of pin point vug porosity.

2589-2623 Core No. 1 see Section II part (c)

2625-2630 Limestone, light brown, microcrystalline, dense, 5-10% large white dolomite crystals.

2630-2650 Limestone, as above with Shale, gray-green, slightly calcareous.

2650-2655 Dolomite, light brown, fine crystalline, dense.

2655-2715 Dolomite, dark brown, micro to very fine crystalline, patchy poor intercrystalline porosity with rare vugs filled with white dolomite crystals. Slight

sucrosic texture. At 2680' scattered pyrobitumen. At 2700', common pyrobitumen, no live staining.

2715-2750 Dolomite, medium brown, very fine crystalline, occasional patches of recognizable crinoid fragments and traces of poor intercrystalline porosity with occasional fair vug porosity. Rare pyrobitumen and dead oil stain, no fluorescence. At 2740', common fragments of coarse dolomite crystals apparently from vug linings indicating good porosity.

2750-2835 Dolomite, white, medium crystalline, fair to good vug porosity, trace of bitumen, no live stain, lost circulation zone. Trace of pyrite.

Devonian Chinchaga Formation

2835-2870 Dolomite, light gray, microcrystalline, 10-15% argillaceous material, dense with interbeds Limestone, white, fine to medium crystalline, trace of pyrite, dense.

2870-2890 Dolomite, and Limestone, as above with trace of quartz fragments.

Granite Wash

2890-2895 Sandstone, white, coarse grained, less than 5% pyrite, less than 5% biotite, less than 5% calcareous cement. (Actually a loose aggregate of quartzite fragments).

2895-2925 Severe circulation problems with only negligible returns at best. Lithology apparently as above.

2925-2980 Sandstone, as above with trace of vein pyrite, galena? and weathered feldspar. At 2940' Chlorite? fragments. Occasional dark gray, chloritic Shale 2955-2980 - ditch samples. Abundant cavings and doubtful reliability.

2980-2995 Sandstone, as above with questionable weathered feldspar and traces of hornblende or augite. Individual fragments are large and show no porosity, but fast drilling suggests porosity in the unit as a whole.

2995-3035 Quartz, weathered feldspar, weathered hornblende fragments. Scattered iron staining. At 3005', an increase in "clay" matrix giving the rock a "rotten" appearance.

Precambrian

3035-3041 Quartz, pink feldspar, biotite and hornblende. Granite.

Section III - Engineering Summary

Field readings are given for drill stem test figures.

(a) Drill Stem Tests

Drill Stem Test No. 1 2882-3041 Granite Wash.
Bottom hole test with dual uphole packers.
Preflow 5 min. Very weak initial blow.
Initial Shut In - 30 min. Valve Open - 45 min.
Final Shut In - 30 min.
Recovered 10' drilling mud.

I.H.P.	1385	I.S.I.	49	I.F.	49
F.H.P.	1385	F.S.I.	49	F.F.	49

Drill Stem Test No. 2 2660-2706 Devonian Dolomite (Pine Point)
Dual packer, straddle by-pass assembly.
Misrun. Packer seat failed.
Recovered 450' of sulphurous, salt cut drilling mud.

(b) Casing

Seven joints (174.12') of 85/8", 24#, J-55
Landed at 166' and cemented with 115 sacks Portland Normal cement plus 4% $CaCl_2$. Plug down at 10:30 p.m. January 23, 1968 with 750 P.S.I.

(c) Bit Record

Bit No.	Size	Make	Footage	Hours
1A	12¼"	S-3	60	2¾
2A	8¾"	MHC	106	10½
1A	12¼"	S-3	106	6¼
1	7 7/8"	X1G-J	951	29¾
2	7 7/8"	X1G-J	450	14¾
3	7 7/8"	DST-J	402.	16¼
4	7 7/8"	S4-T	292	12
5	7 7/8"	XV-J	328	24
CH#1	7 13/16"	Diamond	34	4¼
6	7 7/8"	XG-J	130	11¾
7	7 7/8"	XG-J	148	11½
8	7 7/8"	WDR-J	83	9¼
9	7 7/8"	W7R2	57	6¾

(d) Mud Additives

Gel - 44,100 lbs.
Caustic - 775 lbs.
Peltex - 800 lbs.
CMC - 200 lbs.
Sawdust - 116 sacks
Gel Flake - 26 sacks
Mill Squeeze - 151 sacks

(e) Deviation Record

Feet	Degrees
166	$\frac{1}{4}$
1117	3/8
1567	$1\frac{1}{2}$
1969	6
2261	6
2589	5
2623 to 3041	5

(f) Abandonment Plugs

Plug No. 1 3041-2600
Plug No. 2 216- 116
Plug No. 3 Surface

(g) Lost Circulation Zones

(1) Middle Devonian (Presqu'ile) Dolomite zone from 2785-2824. Circulation lost completely. Lost circulation material was added to the mud to regain circulation. Lost a total of 350 barrels of fluid to the formation.

(2) Middle Devonian Dolomite zone from 2824-2883. Continuous slow mud loss at the rate of 6 barrels per hour.

(3) Granite Wash zone from 2920-2941. Lost 70 barrels of fluid but circulation regained with lost circulation material.

Section IV - Logs

February 8, 1968	Dual Induction-Laterolog	166'-3037'
	Borehole Compensated Sonic	
	Gamma Ray-Caliper	166'-3035'

Section V - Analyses

Nil

Section VI - Completion Summary

(a) Cementation Record

Plug No. 1 3041-2600 (Precambrian-Middle Devonian Dolomite) 203 sacks of Portland Normal cement plus construction cement.

Plug No. 2 216-116 (Trout River) 60 sacks of Portland Normal cement plus 3% $CaCl_2$. Felt at 112'

Plug No. 3 Surface - 5 sacks Portland Normal cement.

CORE LABORATORIES (CANADA) LTD.

EDMONTON CALGARY REGINA

WATER ANALYSIS

File CBH-2-2660

Company Placid Oil Company Page - 1 of 1

Well Name Placid Chevron Kakiska J-65 Sample No.

Formation Devonian Pine Point Depth 2660' - 2706'

Location J-55 N.60°-50' W.117°15' Field Kakiska Lake Area Province Northwest Territories

Date Sampled Feb. 9/68 Date Analyzed Feb. 23/68 Analyst M.B.

Sampled From DST #2 (Above Tool) By K.B. - 902' Grd. 890'

Recovery 450' Sulphurous Salty Contaminated Drilling Mud Elevation

Constituents:

1. Total Solids 29,832 mg/liter 2. pH 7.95 3. Sp.Gr. 1.0208 @60°F.

4. Resistivity 0.21 Ohm-meters @ 78 °F 5. H_2S Absent

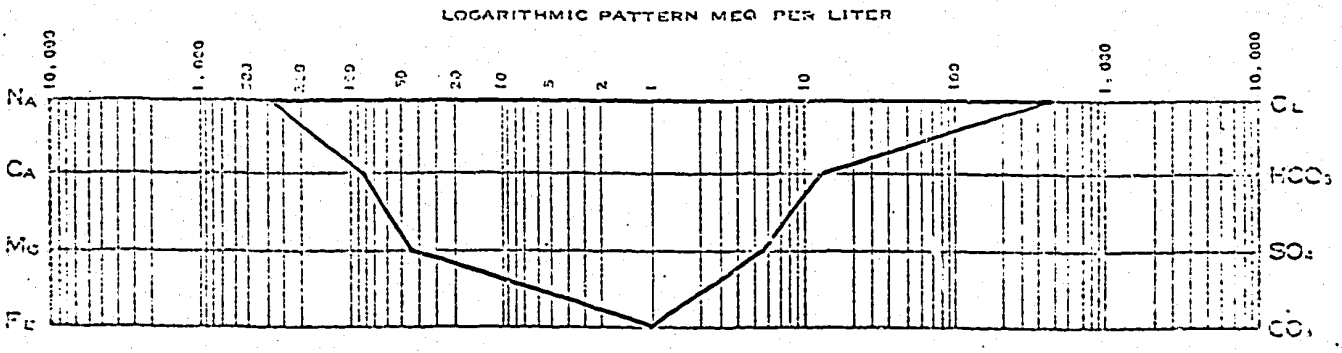
MILLIGRAMS PER LITER

Na & K	Ca	Mg	Fe	Ba		Cl	HCO_3	SO_4	CO_3	OH	
8945	1645	539	Pres.	Abs.		17579	844	280	-	-	

MEQ PER LITER

388.9	82.1	44.3	Pres.	Abs.		495.7	13.8	5.8	-	-	

LOGARITHMIC PATTERN MEQ PER LITER



PROVINCE: Northwest Territories

WELL NAME: Placid Chevron Kakisa J-65

60° 50' N. 117° 15' W.

Lsd: ____ Sec. ____ Twp. ____ Rge. ____ W. ____ Meridian

Elevation: KB: 902 Grd. 890

Spudded: January 22, 1968

Completed: February 10, 1968

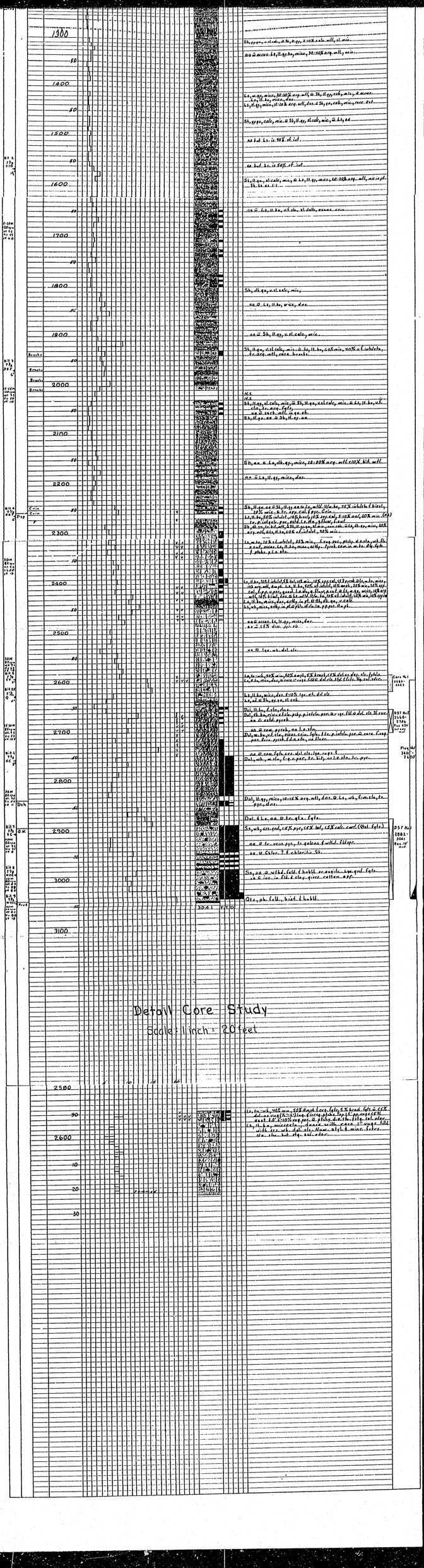
Total Depth: 3041

Producing Formation (s): None D&A

Oldest Formation: Precambrian

Casing: Surface - 160' of 8 5/8", 24#, J-55

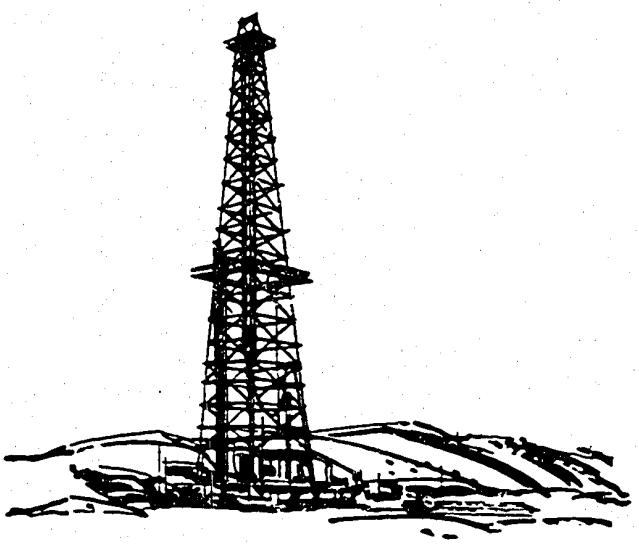
REPORT	FORMATION TOPS	FOSSILS	DEPTH	DRILLING TIME	POROSITY, GRADE AND TYPE	LITHOLOGY	GRAIN SIZE	DESCRIPTION	DST's, CORES AND CASING
			50						
			100						
			200						
			300						
			400						
			500						
			600						
			700						
			800						
			900						
			1000						
			1100						
			1200						
			1300						
			1400						
			1500						
			1600						
			1700						
			1800						
			1900						
			2000						
			2100						
			2200						
			2300						
			2400						
			2500						
			2600						
			2700						


1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
2500
2600
Core
Dolo
Detail Core Study
Scale: 1 inch = 20 feet

LYNES

BRIGHT NAME IN THE OIL PATCH

Inflatable Sealing Element Packers



Formation Testing Service Report

Placid Oil Company
Company

PLACID CHEVRON KAKISA J-65-N-60°-15'W117° - 15'
Well Name and Description

1
Test No.

February 8, 1968
Date of Test

TEST DATA			
Test No. 1	Lynes Test No. 1		
Formation Granite Wash	T.D. 3041 Ft.		
Interval Tested 2882	Ft. to 3041 Ft.		
Feet of Net Pay Tested 159 Ft.			
Type of Test Bottom Hole			
Cushion –	Amount – Ft.		
Started in Hole at 0515	Hrs. Tool Open at 0800 Hrs.		
Pre-flow 5	Mins. Initial Shut-in 30 Mins.		
Final Flow 45	Mins. Final Shut-in 30 Mins.		
Remarks			
Blow Poor initial puff. No air blow on final flow.			

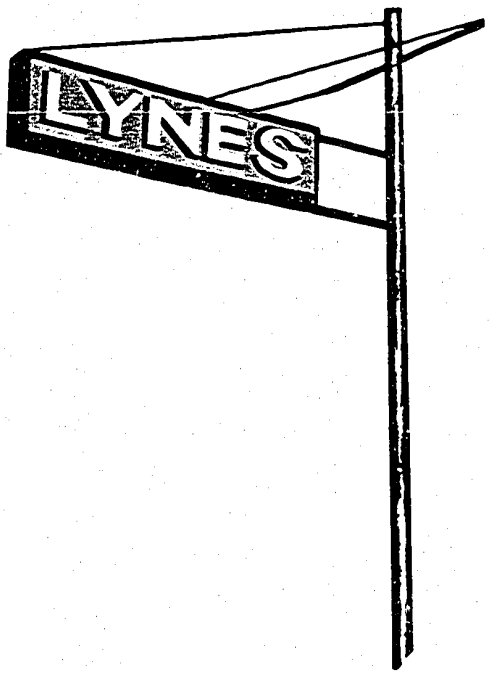
GAS BLOW MEASUREMENTS			
Measured with To small to measure.			
Time	Surface Choke	Reading - Inches	Cubic Feet/Day

RECOVERY	
TOTAL FLUID RECOVERED 10	Ft. Consisting of:
10 Ft. of drilling mud	
Ft. of	
Ft. of	
Ft. of	
Test was/was not Reverse Circulated	
Oil Recovery Degrees A.P.I.	Water Specific Gravity

GENERAL INFORMATION	
Company	Placid Oil Company
Address	860 Guinness House
	Calgary, Alberta
Well Name	PLACID CHEVRON KAKISA
Well Number	J-65-N-60°-15' W-117°-15
K.B. Elevation	902
Area Kakisa Lake	Province N.W
Company Rep.	S. Rosichuk
Tester	R. Yohemas
Contractor Guthrie-MacLaren	Rig No. 4
Ticket No. 4858	Date February 8, 1
Service Reports To 7 - Placid Oil, Above	

MUD AND HOLE DATA	
Mud Type	Gel Chemical
Weight 8.8	Viscosity 88 Water Loss
Filter Cake 2/32"	Bottom Hole Temperature 135
Drill Pipe Size 4 1/2" FH	Weight 16.6
Drill Collars 4 1/2" H90	I.D. 2 7/8" Feet Run 2
Main Hole or Casing Size	7 7/8"
Rathole or Liner Size –	No. of Fe
Bottom Hole Choke Size	1/2"
Surface Choke Size	3/4"
Packer Rubber Size	6 5/8"
REMARKS	Test successful.

PRESSURE READINGS	Inside X	Outside	Inside	Outside X	Inside	Outside	Inside	Outside
Recorder No.	1097		966					
Capacity	4100		5040					
Depth	2884		2900					
1. INITIAL HYDROSTATIC	1390		1382					
2. PRE-FLOW	38		44					
3. INITIAL SHUT-IN	32		37					
4. INITIAL FLOW	32		37					
5. FINAL FLOW	32		37					
6. FINAL SHUT-IN	32		37					
7. FINAL HYDROSTATIC	1345		1338					



LYNES UNITED SERVICES LTD. 255-8011 CALGARY, ALBERTA

Placid Oil Company
Company

PLACID CHEVRON KAKISA J-65-N-60°-15'W 17°-15'
Well Name and Description

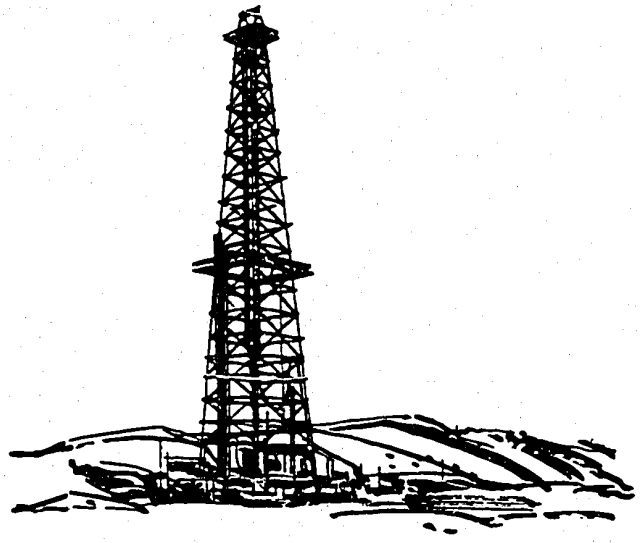
2
Test No.

February 9, 1968
Date of Test

LYNES

BRIGHT NAME IN THE OIL PATCH

Inflatable Sealing Element Packers



Formation Testing Service Report

TEST DATA			
Test No. 2	Lynes Test No. 2		
Formation Devonion Pine Point	T.D. 3041	Ft.	
Interval Tested 2660	Ft. to 2706	Ft.	
Feet of Net Pay Tested 46		Ft.	
Type of Test Dual Straddle			
Cushion –	Amount –	Ft.	
Started in Hole at 0415	Hrs. Tool Open at	Hrs.	
Pre-flow	Mins. Initial Shut-in	Mins.	
Final Flow	Mins. Final Shut-in	Mins.	
Remarks			
Blow			

GENERAL INFORMATION	
Company	Placid Oil Company
Address	860 - Guinness Hou e
	Calgary, Alberta
Well Name	PLACID CHEVRO I KAKISA
Well Number	J-65-N-60°-15'-W117°-15'
K.B. Elevation	902
Area	Kakisa Lake — Province N.
Company Rep.	S. Rosich k
Tester	R. Yohemas
Contractor	Guthrie-MacLaren — Rig No. 4
Ticket No.	4859 — Date February 9,
Service Reports To	7 - Above

MUD AND HOLE DATA	
Mud Type	Gel Chemical
Weight 8.8	Viscosity 88 — Water Los
Filter Cake 2/32"	Bottom Hole T mperature
Drill Pipe Size	4 1/2" FH — Weight 16.6
Drill Collars	4 1/2" H90 — I.D. 7/8" — Feet Run
Main Hole or Casing Size	7 7/8"
Rathole or Liner Size	– — No. of
Bottom Hole Choke Size	1/2"
Surface Choke Size	3/4"
Packer Rubber Size	6 5/8"

GAS BLOW MEASUREMENTS			
Measured with			
Time	Surface Choke	Reading - Inches	Cubic Feet/Day

REMARKS: Misrun. Seat failure.

RECOVERY

TOTAL FLUID RECOVERED 450 Ft. Consisting of:

450 Ft. of contaminated (mud) salt water

Ft. of

Ft. of

Ft. of

Test was/was not Reverse Circulated

Oil Recovery Degrees A.P.I. Water Specific Gravity

PRESSURE READINGS	Inside X	Outside	Inside	Outside X	Inside	Outside	Inside	Outside
Recorder No.	1097		966					
Capacity	4100		5040					
Depth	2680		2685					
1. INITIAL HYDROSTATIC	1275		1278					
2. PRE-FLOW								
3. INITIAL SHUT-IN								
4. INITIAL FLOW								
5. FINAL FLOW								
6. FINAL SHUT-IN								
7. FINAL HYDROSTATIC	1275		1278					

LYNES

LYNES UNITED SERVICES LTD. 255-8011 CALGARY, ALBERTA

№ 1088

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease / Well Name: PLACID CHEVRON KARSA 5-65
Location — Lsd. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M.: NW 15 W 117 15
Date: FEB 10 1968

Weather Condition: 35° WARM | Road Conditions: GOOD | Nearest Town: HAY RIVER | Water - Source: LAKE, Miles Hauled: 2, Pumped: ____ | Camp Distance from Rig: 3 Sec. Mi. | Reason for Extra L. Plant: EMERGENCY

OPERATOR: PLACID OIL COMPANY

Rig No.: DWKS T-12

Drill Pipe String: No. 111, Size 4½

Tool Joint: 5 3/4 O.D. Type Thd. FH

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D.R. Clark

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	NATIONAL	C 150 A	12
2.	G DENVER	FO FIG	10
3.			

	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	8 5/8		24 J55	7	174	12.30	166	
TUBING OR LINER								

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			
WAIT ON CEM. CERING TRUCK	3		
Wire Line Logging			
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		

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	
	Stands D.P.	Ft.	Bit No.	
	Singles D.P.	Ft.	Size	
	D.C. I.D. O.D.	Ft.	Mfg.	
	D.C. I.D. O.D.	Ft.	Type	
			Nozzle No. / Size	
	Stb. Body O.D.	Ft.	Ser. No.	
	Stb. Body O.D.	Ft.	Depth Out	
	Rmr. Body O.D.	Ft.	Depth In	
	Subs O.D.	Ft.	Total Ftg.	
	Bit or C.B.	Ft.	Total Hr. Run	
	Kelly Down	Ft.	Cond. of Bit	
	Total	Ft.	Reamer No.	
Wt. of String		Lbs.	Reamer Type	
Pipe in Hole		Jts.	MATERIAL CHARGED TO OPERATOR	
Pipe on Racks		Jts.		
Total Pipe on Lease		Jts.		

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.

Driller: Bernie Sacch

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	3:00	3						~~W~~ CTRS. WAIT ON CEMENT TRUCK.
3:00	3:30	1/2						RIG UP TO CEMENT
3:30	4:00	1/2						PUMP CEMENT
4:00	6:00	2						PULL TEN STANDS PIPE LAY DOWN PIPE
6:00	7:30	1 1/2						RUN 3 STANDS IN AND PUMP PLUG NO2
7:30	8:00	1/2						LAY DOWN PIPE
								RAN PLUG #1 FROM 3041-2600 WITH 203 SKS.
								NORMAL CEMENT PLUG DOWN @ 3:50 AM 2/10/68
								RAN PLUG #2 FROM 216-116 WITH 60 SKS
								NORMAL CEMENT PLUS 3% CACL2. PLUG
								DOWN @ 7:00 AM FEB 10/68.
								CHECKED PLUG #2 AT 112

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
	Stands D.P.	Ft.	Bit No.	
	Singles D.P.	Ft.	Size	
	D.C. I.D. O.D.	Ft.	Mfg.	
	D.C. I.D. O.D.	Ft.	Type	
			Nozzle No. / Size	
	Stb. Body O.D.	Ft.	Ser. No.	
	Stb. Body O.D.	Ft.	Depth Out	
	Rmr. Body O.D.	Ft.	Depth In	
	Subs O.D.	Ft.	Total Ftg.	
	Bit or C.B.	Ft.	Total Hr. Run	
	Kelly Down	Ft.	Cond. of Bit	
	Total	Ft.	Reamer No.	
Wt. of String		Lbs.	Reamer Type	
Pipe in Hole		Jts.	MATERIAL CHARGED TO OPERATOR	
Pipe on Racks		Jts.		
Total Pipe on Lease		Jts.		

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.

Driller: Jack Wenger

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	4:00	8						TEAR OUT B.O.P.E & LAY DOWN FEET
								PLUG #2, FINISH LAY DOWN PIPE
								CUT OFF CASING BOWL.
								RIG RELEASED @ 4:00 AM FEB 10/68.

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
	Stands D.P.	Ft.	Bit No.	
	Singles D.P.	Ft.	Size	
	D.C. I.D. O.D.	Ft.	Mfg.	
	D.C. I.D. O.D.	Ft.	Type	
			Nozzle No. / Size	
	Stb. Body O.D.	Ft.	Ser. No.	
	Stb. Body O.D.	Ft.	Depth Out	
	Rmr. Body O.D.	Ft.	Depth In	
	Subs O.D.	Ft.	Total Ftg.	
	Bit or C.B.	Ft.	Total Hr. Run	
	Kelly Down	Ft.	Cond. of Bit	
	Total	Ft.	Reamer No.	
Wt. of String		Lbs.	Reamer Type	
Pipe in Hole		Jts.	MATERIAL CHARGED TO OPERATOR	
Pipe on Racks		Jts.		
Total Pipe on Lease		Jts.		

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.

Driller: L. SUFFETEY

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	9:00	5						TEAR OUT & PACK UP RIG

FEB 19 1968 ALBERTA

№ 1087

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease / Well Name: Placer Chevron Kaska 5-65 N 60 15 W 4th 15
Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.
Date: Feb 9 1968

Weather Condition: 30° warm | Road Conditions: Good | Nearest Town: Hay River | Water - Source: Lake, Miles Hauled: 3, Pumped: | Camp Distance from Rig: 3500 ft, Reason for Extra L. Plant: Emergency

OPERATOR: Placer Oil Company

Rig No.: DWKS T.12 | Drill Pipe String: No. 111, Size 4½ | Tool Joint: 5 3/4 O.D. | Type Thd.: FH

SIGNATURE OF OPERATOR'S REPRESENTATIVE: J. Reinert

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D.R. Lalak

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	C 150-B	12
2.	G. Denver	FD 500	10
3.			

LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
	8 5/8		24 J55	7	174	12:30	166	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming			
Conditioning Mud & Circulating			
Trips	3 1/4	1/2	1 1/4
Lubricate Rig	1/4		1/4
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig N			
Lost Circ. Coring Mud			2
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			3 3/4
Drill Stem Test	4 1/2	4 1/2	
Other W.O.		3	3/4
Fishing		18	
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		BIT RECORD	
30	Stands D.P.	2433.78 Ft.	Bit No.	
	Singles D.P.	Ft.	Size	
19	D.C. 2 7/8 I.D. 6 1/4 O.D.	556.78 Ft.	Mfg.	
	D.C. I.D. O.D.	Ft.	Type	
			Nozzle No. / Size	
	Stb. Body O.D.	Ft.	Ser. No.	
	Stb. Body O.D.	Ft.	Depth Out	
	Rmr. Body O.D.	Ft.	Depth In	
	Subs O.D.	2.89 Ft.	Total Ftg.	
	Bit or C.B.	Ft.	Total Hr. Run	
	Kelly Down	36.20 Ft.	Cond. of Bit	
	Total	3041 Ft.	Reamer No.	
Wt. of String	25,000 Lbs.		Reamer Type	
Pipe in Hole	78 Jts.		MATERIAL CHARGED TO OPERATOR	
Pipe on Racks	33 Jts.			
Total Pipe on Lease	111 Jts.			

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.

Driller: Bernie Lovell

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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

Deviation Record: Depth, Dev., Direction, Depth, Dev., Direction, Depth, Dev., Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:30	1/2						Finish Out With Packer
12:30	12:45	3/4						Rig Service
12:45	2:15	1 3/4						Handle Test Tool
2:15	2:30	1/4						Pull Out Two Collars
2:30	2:45	1/4						Run In Five Stands
2:45	4:30	1 3/4						Make up Packer.
4:30	6:00	1 1/2						Run In Hole With Packer No. 2
6:00	6:15	1/4						Pick up Check Sample
6:15	7:00	3/4						Attempt To Seat Packer
7:00	8:00	1						Pull Out of Hole.
	Ran	D.S.T. #2	in the	Devonian	Pine Point	Formation	From 2660-2706	
	Used	Dual	Packers	&	Straddle	By Pass	Assembly-Test Misrun, Packers Set Failure	

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
	Stands D.P.	Ft.	Bit No.	
	Singles D.P.	Ft.	Size	
	D.C.		Mfg.	
	I.D. O.D.	Ft.	Type	
	D.C.		Nozzle No. / Size	
	I.D. O.D.	Ft.		
	Stb. Body O.D.	Ft.	Ser. No.	
	Stb. Body O.D.	Ft.	Depth Out	
	Rmr. Body O.D.	Ft.	Depth In	
	Subs O.D.	Ft.	Total Ftg.	
	Bit or C.B.	Ft.	Total Hr. Run	
	Kelly Down	Ft.	Cond. of Bit	
	Total	Ft.	Reamer No.	
Wt. of String		Lbs.	Reamer Type	
Pipe in Hole		Jts.	MATERIAL CHARGED TO OPERATOR	
Pipe on Racks		Jts.		
Total Pipe on Lease		Jts.		

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.

Driller: Jack Wenger

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
3041	T.D.												

Deviation Record: Depth, Dev., Direction, Depth, Dev., Direction, Depth, Dev., Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	9:15	1 1/4						Finish out w/ Test Tool
9:15	11:00	1 3/4						Break Test Tools & Service Same
11:00	2:00	3						Wait on Orders
2:00	3:30	1 1/2						Lay Down & Load out Test Tools
3:30	4:00	1/2						Run in DC's

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
48	Stands D.P.	Ft.	Bit No.	
1	Singles D.P.	Ft.	Size	
	D.C.		Mfg.	
	I.D. O.D.	Ft.	Type	
	D.C.		Nozzle No. / Size	
	I.D. O.D.	Ft.		
	Stb. Body O.D.	Ft.	Ser. No.	
	Stb. Body O.D.	Ft.	Depth Out	
	Rmr. Body O.D.	Ft.	Depth In	
	Subs O.D.	Ft.	Total Ftg.	
	Bit or C.B.	Ft.	Total Hr. Run	
	Kelly Down	Ft.	Cond. of Bit	
	Total	Ft.	Reamer No.	
Wt. of String		Lbs.	Reamer Type	
Pipe in Hole		Jts.	MATERIAL CHARGED TO OPERATOR	
Pipe on Racks		Jts.		
Total Pipe on Lease		Jts.		

MUD RECORD: Time 10:00, Weight 8.7, Visc.-Sec. 60, W.L.-C.C. 7.2, FL TR. CK. 2/32, PH 8, SD. Cont. %, Pressure Gradient

Mud & Chemicals Added: Type, Amt., Type, Amt.

Driller: A. Sweezey

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
									5 1/2"	28			

Deviation Record: Depth, Dev., Direction, Depth, Dev., Direction, Depth, Dev., Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	1/4						Rig Service
4:15	6:15	2						Run In Collars Lay Down Collars
6:15	7:30	1 1/4						Run In Open End
7:30	8:15	3/4						Pick up 15 Joints Pipe
8:15	12:00	3 3/4						Clear. Wait on Cement Truck

№ 1086

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease / Well Name: PLACID CHEVRON KAKISA J-65
Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.: N 60° 15' W 117° 15'
Date: FEB 8 1968

Weather Condition: -45° FAIR | Road Conditions: GOOD | Nearest Town: HAY RIVER | Water - Source: LAKE, Miles Hauled: 3, Pumped: ___ | Camp Distance from Rig: 350 FT, Reason for Extra L. Plant: EMERGENCY

OPERATOR: PLACID OIL COMPANY

Rig No. 4 DWKS T-12 | Drill Pipe String: No. 111, Size 4½ | Tool Joint: 5 3/4 O.D. | Type Thd.: FH

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D. R. Clark

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	NATIONAL	C-150-8	12
2.	GARDNER DENVER	FO-FXO	10
3.			

LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
	8 5/8		24 J55	7	174	12.30	166	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	1 3/4		
Reaming			
Conditioning Mud & Circulating	1 1/4		
Trips	3 1/4		4
Lubricate Rig	1/4		1/4
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring	#		
Wire Line Logging	1	5 1/4	
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test		3/4	3 3/4
Other	1/2		
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		
39	Stands D.P.	2433.99	Ft.
	Singles D.P.		Ft.
19	D.C. I.D. O.D.	556.78	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.	11.35	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.	2.89	Ft.
	Bit or C.B.		Ft.
	Kelly Down	36.20	Ft.
	Total	3041.00	Ft.
Wt. of String	75,000	Lbs.	
Pipe in Hole	78	Jts.	
Pipe on Racks	33	Jts.	
Total Pipe on Lease	111	Jts.	

BIT RECORD

Bit No.	9	
Size	7 7/8	
Mfg.	H.W.	
Type	W762	
Nozzle No.		
Nozzle Size		
Ser. No.	75505	
Depth Out	3041	
Depth In	2954	
Total Ftg.	57	
Total Hr. Run	6 3/4	
Cond. of Bit		
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD

Time	2		
Weight	8.8		
Visc.-Sec.	58		
W.L.-C.C.	9.0		
FL TR. CK.	2/32		
PH	10.0		
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Bernie Bosch

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
3031	3041	10	D			75	40	450	5½	79			

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
0700	1400	7 3/4						DRILLING
1400	2000	1/4						RIG SERVICE
2000	3:15	1 1/4						CIRC PRIOR TO LOG
3:15	6:30	3 1/4						PULL OUT TO LOG
6:30	7:00	1/2						RIG UP TO LOG.
7:00	8:00	1						LOGGING

RAN INDUCTION LATERLOG FROM 3037-166
B.H.C. GAMMA SONIC W/CALIPER INTEGRATED
MADE A SEPERATE GAMMA TOOL RUN
FROM 30

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
39	Stands D.P.	2433.78	Ft.
19	Singles D.P.	556.78	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.	2.89	Ft.
	Subs Stock O.D.	11.35	Ft.
	Bit or C.B.		Ft.
	Kelly Down	36.20	Ft.
	Total	3041	Ft.
Wt. of String	75,000	Lbs.	
Pipe in Hole	78	Jts.	
Pipe on Racks	33	Jts.	
Total Pipe on Lease	111	Jts.	

BIT RECORD

Bit No.	9	
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		

MATERIAL CHARGED TO OPERATOR

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.

Driller: Jack Wenger

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
	3041												

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
730	1130	5 1/4						LOGGING
1130	430							MAKEING UP TEST TOOL
								RAN DST #1 IN THE GRANITE WASH FORMATION
								FROM 2882-3041 POOR WEAK 5 MIN PREFLOW
								I.S.I-30 MINS. V.O.-45 MINS F.S.I-30 MIN
								NO AIR BLOW AT SURFACE ON FINAL FLOW.
								WELL COMPLETELY DEAD. RECOVERED APPROX. 10' OF
								DRILLING MUD. I.H.P. 1385 PREFLOW-49 ISI 49
								FSI-49 IF-49 FF-49 FHP. 1385
								CHANGE HEADS & LINERS TO 6½" IN C-150 PUMP
								CHANGED OIL & FILTERS IN ALL GMS

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
39	Stands D.P.	2433.78	Ft.
	Singles D.P.		Ft.
19	D.C. 2 3/4 6 1/4 I.D. O.D.	556.78	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs Stock O.D.	11.35	Ft.
	Bit or C.B.	2.89	Ft.
	Kelly Down	36.20	Ft.
	Total	3041	Ft.
Wt. of String	75000	Lbs.	
Pipe in Hole	78	Jts.	
Pipe on Racks	33	Jts.	
Total Pipe on Lease	111	Jts.	

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		

MATERIAL CHARGED TO OPERATOR

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.

Driller: L. SAFETY

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
	3041												

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	500	1						MAKE UP PACKER.
500	515	1/4						RIG SERVICE.
515	715	2						RUN IN WITH PACKER
715	745	1/2						PICK UP 6 SINGLES
745	800	1/4						RIG UP CHICKSANDS
800	930	1 1/2						WELL ON TEST.
930	1000	1/2						SHUT IN
1000	1200	2						TRIP OUT WITH PACKER.

№ 1085

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease / Well Name: Placid Chevron Kansas

Date: Feb 7 1968

Location — Lsd 5-5 Sec. 40 Twp. 5S Rge 12 W. 15 M.

Weather Condition: Fair | Road Conditions: Fair | Nearest Town: May River | Water - Source: Hauled | Miles Hauled: 2 | Pumped: | Camp Distance from Rig: 300 yds. | Reason for Extra L. Plant: Emergency

OPERATOR: Placid Oil Company

Rig No. 4 DWKS T 12

Drill Pipe String: No. 111 Size 4½

Tool Joint 5 3/4 O.D. Type Thd. F.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: J. [illegible]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D.R. Clark

PUMPS			
No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	C 150	12
2.	G Denver	FB FAD	10
3.			

LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
	8 5/8		24 J55	7	174	12.30	166	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	5¼		5
Reaming			2½
Conditioning Mud & Circulating	2½		
Trips			
Lubricate Rig	¼		¼
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			¼
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			8
COMPLETION WORK: A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8		

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
38	Stands D.P.	2401.73	Ft.
1	Singles D.P.		Ft.
19	D.C. I.D. O.D.	556.78	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs Shock O.D.	11.35	Ft.
	Bit or C.B.	2.89	Ft.
	Kelly Down	8.25	Ft.
	Total	2981.	Ft.
Wt. of String	78000		Lbs.
Pipe in Hole	77		Jts.
Pipe on Racks	34		Jts.
Total Pipe on Lease	111		Jts.

BIT RECORD		
Bit No.	8	
Size	7/8	
Mfg.	HW	
Type	WDR	
Nozzle No.	2-1	
Nozzle Size	16-18	
Ser. No.	81747	
Depth Out		
Depth In	2901	
Total Ftg.	80	
Total Hr. Run	9	
Cond. of Bit		
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

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	3000		
Sawdust	52 x		
Mtl. Squeeze	5 x		
CMC	50#		

Driller: Bernie Lacoste

FOOTAGE From	To	Fege.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
2950	2981	31	D			80	40	250	5½		6		

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼						Rig Service
12:15	2:45	2½						Mix Gel Fo and Add Water To Build Up Volume
2:45	8:00	5¼						Drilling

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
38	Stands D.P.	2401.73	Ft.
1	Singles D.P.		Ft.
19	D.C. I.D. 2¼ O.D.	556.78	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs Shock O.D.	11.35	Ft.
	Bit or C.B.	2.87	Ft.
	Kelly Down	11.25	Ft.
	Total	2984	Ft.
Wt. of String	76000		Lbs.
Pipe in Hole	77		Jts.
Pipe on Racks	34		Jts.
Total Pipe on Lease	111		Jts.

BIT RECORD		
Bit No.	8	9
Size	7 7/8	7 7/8
Mfg.	HW	HW
Type	WDR	WTR
Nozzle No.	2-1	2-22
Nozzle Size	16-18	1-18
Ser. No.	81747	75075
Depth Out	2981	2984
Depth In	2901	2901
Total Ftg.	83	83
Total Hr. Run	9½	
Cond. of Bit	8-8	
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD		
Time	900	330
Weight	8.9	8.6
Visc.-Sec.	88	110
W.L.-C.C.		7
FL TR. CK.		
PH		
SD. Cont. %		
Pressure Gradient		

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Jack Wenger

FOOTAGE From	To	Fege.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
2981	2984	3'	D			80	40	275	5½				

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
7:00	8:00	¼						Rig Serv. B.O.P.
8:00	8:30	½						Drill Cmt
8:30	12:00	3½						Hoist Out
12:00	12:30	½						Change Bits
12:30	2:00	1½						Run In
2:00	4:00	1½						Ream Under Gauge Hole

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
39	Stands D.P.	2433.78	Ft.
	Singles D.P.		Ft.
19	D.C. 2¼ I.D. 6¼ O.D.	556.78	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs Shock O.D.	11.35	Ft.
	Bit or C.B.	2.89	Ft.
	Kelly Down	27.20	Ft.
	Total	3031	Ft.
Wt. of String	76000		Lbs.
Pipe in Hole	78		Jts.
Pipe on Racks	33		Jts.
Total Pipe on Lease	111		Jts.

BIT RECORD		
Bit No.	9	
Size	7 7/8	
Mfg.	HW	
Type	WTR1	
Nozzle No.	2-22	
Nozzle Size	1-18	
Ser. No.	75075	
Depth Out		
Depth In	2984	
Total Ftg.	47	
Total Hr. Run	5	
Cond. of Bit	1-1-N	
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD			
Time	600	800	10:00
Weight	8.7	8.5	8.5
Visc.-Sec.	75	100	100
W.L.-C.C.	7	7	9.5
FL TR. CK.	2/32	2/32	2/32
PH	8	8	9.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	2500 lb		
Caustic	100 lb		

Driller: L. Sweezey

FOOTAGE From	To	Fege.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
2984	3031	47				70	40	400	5½	76			
						70	40	500					

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	630	2½						Ream Under Gauge Hole
630	645	¼						Rig Service
645	700	¼						Work on Air Lines
700	1200	5						Drilling

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 Reaming Hrs.	

No. 1084

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease Well Name: PLACID CHEURON KAKISA
Location: 5 Lsd. NW Sec. 56 Twp. — Rge. 17 W. 15 M.
Date: FEB 6 1968

Weather Condition: FAIR Road Conditions: GOOD Nearest Town: HAY RIVER
Water - Source: LAKE Miles Hauled: 3 Pumped:
Camp Distance from Rig: 3.50 FT Reason for Extra L. Plant: EMERGENCY

OPERATOR: PLACID O.C. COMPANY

Rig No.: DWKS
Drill Pipe String: No. 111 Size 4 1/2
Tool Joint: 5 3/4 O.D. Type Thd.: F.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]
SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D.R. Clark

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	NATIONAL	C 150	12
2.	G. DENVER	FO EXO	10
3.			

LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
	8 5/8		24 JSS	7	174	12.30	166.	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	5	2 1/2	3 3/4
Reaming			2 1/4
Conditioning Mud & Circulating	2 1/2		1 1/4
Trips		5 3/4	3/4
Lubricate Rig	1/4	1/4	1/4
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	1/4		
Fishing			
WELL COMPLETION WORK: A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Total	8	8	

TIME SUMMARY (Office Use Only)
Day Work
Hrs. W/DP
Hrs. W/O/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	
36	Stands D.P.	2242.22 Ft.
1	Singles D.P.	31.73 Ft.
19	D.C. I.D. O.D.	556.78 Ft.
	D.C. I.D. O.D.	Ft.
	Sub. Body O.D.	Ft.
	Stabilizer Body O.D.	11.35 Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D.	2.89 Ft.
	Bit or C.B.	Ft.
	Kelly Down	36.53 Ft.
	Total	2883. Ft.
Wt. of String	72000	Lbs.
Pipe in Hole	73	Jts.
Pipe on Racks	38	Jts.
Total Pipe on Lease	111	Jts.

BIT RECORD

Bit No.	7	
Size	7 7/8	
Mfg.	HUGH	
Type	XC	
Nozzle No.	NO	
Nozzle Size	3 JETS	
Ser. No.	82464	
Depth Out		
Depth In	2753	
Total Ftg.	130	
Total Hr. Run	10 1/2	
Cond. of Bit		
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

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	330		
SawD.	12 SX		
G. Flake	10		
Mil Sawd.	50		

Driller: Bernie Beck

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
2824	2883	59	D			80	40	250	5 1/2		6		S

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
0:00	12:15	1/4						RIG SERVICE
12:15	2:45	2 1/2						MIX GEL & SAWDUST (CORE)
2:45	4:45	2						DRILLING
4:45	5:00	1/4						SET MUD TANK WITH MAIN PUMP.
5:00	8:00	3						DRILLING

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
37	Stands D.P.	2338.57 Ft.
1	Singles D.P.	Ft.
19	D.C. I.D. O.D. 17 6 1/4	Ft.
	D.C. I.D. O.D.	Ft.
	Sub. Body O.D.	Ft.
	Sub. Body O.D.	11.35 Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D.	2.89 Ft.
	Bit or C.B.	Ft.
	Kelly Down	38.24 Ft.
	Total	2950. Ft.
Wt. of String	78000	Lbs.
Pipe in Hole	75	Jts.
Pipe on Racks	36	Jts.
Total Pipe on Lease	111	Jts.

BIT RECORD

Bit No.	8	
Size	7 7/8	
Mfg.	HW	
Type	WDR	
Nozzle No.	9-11	
Nozzle Size	18	
Ser. No.	81747	
Depth Out		
Depth In	2901	
Total Ftg.	49	
Total Hr. Run	3 3/4	
Cond. of Bit		
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD

Time	800	1200
Weight	8.6	8.6
Visc.-Sec.	80	85
W.L.-C.C.	17.6	9.5
FL TR. CK.	2/32	2/32
PH	9	9
SD. Cont. %		
Pressure Gradient		

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	3700#		
Dolkex	200 lb		
Costic	100 lb		
CMC	50 lb		
Dust	2 sack		

Driller

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
2883	2901	18	D			90	40	500	5 1/2	79	6		S

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	1/4						RIG SERVICE AND CHECK BOP
8:15	[illegible]	[illegible]						DRILLING
[illegible]	[illegible]	[illegible]						TRIP FOR BIT

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
2901	2950	49	D			80	40	650	5 1/2	76	6		S

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	415	1/4						RIG SERVICE
415	445	1/2						RUN IN WITH BIT.
445	700	2 1/4						REAM UNDER GAGE HOLE.
700	1045	3 3/4						DRILLING.
1045	1130	3/4						MIX MUD.
1130	1200	1/2						START BY MOTOR STARTED TO KNOCK.

№ 1083

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease Well Name: PLACID CHEVRON KARISA

Location — Lsd 3-65 Sec 60° Twp. 50 Rge. W 17 W. 12 M.

Date: FEB 5 1968

Weather Condition: -32° COLD | Road Conditions: FAIR | Nearest Town: HAY RIVER | Water - Source: LAKE | Miles Hauled: 2 | Pumped: | Camp Distance from Rig: 300 yards AT. | Reason for Extra L. Plant:

OPERATOR: Placid Oil Co

Rig No. 4 DWKS T 12 | Drill Pipe String: No. 111 Size 4½ | Tool Joint 5¾ O.D. | Type Thd. F.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [illegible]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O.R. Clark

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	NATIONAL	C 150	12
2.	G. DENVER	FO FXG	10
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
8 5/8		24 J55	7	174	12.30	166	

MORNING TOUR

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	4¾		
Reaming			
Conditioning Mud & Circulating	2		
Trips	½	4	2¼
Lubricate Rig	¼	¼	¼
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig	½		
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other		3¾	5½

DRILLING ASSEMBLY AT END OF TOUR

NO.			
38	Stands D.P.	2368.27	Ft.
	Singles D.P.		Ft.
14	D.C. I.D. O.D.	419.12	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.	289	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.	2.89	Ft.
	Bit or C.B.		Ft.
	Kelly Down	33.72	Ft.
	Total	2824.	Ft.

Wt. of String 66.000 Lbs.
Pipe in Hole 76 Jts.
Pipe on Racks 35 Jts.
Total Pipe on Lease 111 Jts.

BIT RECORD

Bit No.	7	
Size	7⅞	
Mfg.	H.W.	
Type	XC	
Nozzle No.	3	
Nozzle Size	13	
Ser. No.	82464	
Depth Out		
Depth In	2753	
Total Ftg.	71	
Total Hr. Run	5½	
Cond. of Bit		
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD

Time	1:00	4.00	7:00
Weight	95	9.4	
Visc.-Sec.	54	52	
W.L.-C.C.	8.4		
FL TR. CK.	2/32		
PH	10		
SD. Cont. %	—		
Pressure Gradient	—		

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	27 bags		
PELTEX	150#		
CAUSTIC	50#		

Driller

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
2760	2824	64	D	1		80	30	850	5½	75	6		5

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:30	½						WORK ON PUMP (CHECK TO SEE IF ANY THING IN SUCKER)
12:30	12:45	¼						RIG SERVICE
12:45	5:30	4¾						DRILLING
5:30	6:00	½						PULL STD STANDS OFF BOTTOM (LOSTED CIRC)
6:00	8:00	2						MIX GEL AND WASH ON SAWDUST

COMPLETION WORK

Fishing		
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 List Cut
Cumulative Ton Mi. or Trips
No. of Days From Spud
Cumulative Rotating Hrs.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
38	Stands D.P.	2368.27	Ft.
	Singles D.P.		Ft.
14	D.C. I.D. O.D.	419.12	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.	289	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.	2.89	Ft.
	Bit or C.B.		Ft.
	Kelly Down	33.72	Ft.
	Total	2824	Ft.

Wt. of String 65.000 Lbs.
Pipe in Hole 76 Jts.
Pipe on Racks 35 Jts.
Total Pipe on Lease 111 Jts.

BIT RECORD

Bit No.	7	
Size	7⅞	
Mfg.	HW	
Type	XC	
Nozzle No.	3	
Nozzle Size	13	
Ser. No.	82464	
Depth Out		
Depth In	2753	
Total Ftg.	71	
Total Hr. Run	5½	
Cond. of Bit		
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD

Time	8:00		
Weight			
Visc.-Sec.	86		
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	2100#		
SAWDUST	30 SKS.		

Driller J. Rooo

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						RIG SERVICE.
8:15	12:00	3¾						MIX LOSS CIRC. MATERIAL, PUMPED DOWN.
12:00	4:00	4						TRIP OUT TO TAKE OUT JETS, FLOAT.

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
38	Stands D.P.	2368.27	Ft.
	Singles D.P.		Ft.
19	D.C. 2⅞ 6¼ I.D. O.D.	556.78	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.	11.35	Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.	2.89	Ft.
	Kelly Down	Down	Ft.
	Total	2824	Ft.

Wt. of String 72.000 Lbs.
Pipe in Hole 76 Jts.
Pipe on Racks 35 Jts.
Total Pipe on Lease 111 Jts.

BIT RECORD

Bit No.	R.R. 7	
Size	7⅞	
Mfg.	HW	
Type	XC	
Nozzle No.	3	
Nozzle Size	13	
Ser. No.	82464	
Depth Out		
Depth In		
Total Ftg.		
Total Hr. Run		
Cond. of Bit		
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

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	3800 lb		
Jets Flakes	1½		
Mil Squeez	100 lb		
Saw dust	5		
	66 sks.		

Driller L. SWEEZEY

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
2824		0							5½		6"		

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	415	¼						RIG SERVICE
415	515	1						PICK UP FIVE COLLARS.
515	730	2 15						RUN IN WITH BIT.
730	1200	4½						MIX MUD. CIRC LITTLE WATER RETURNING.

№ 1082

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease Well Name: PLACID CHEVRON KAKISA

Location — Lsd 16 Sec 40 Twp. 50 Rge. 22 W. 15 M.

Date: FEB 24 1968

Weather Condition: SNOW & COLD | Road Conditions: GOOD | Nearest Town: HAY RIVER | Water - Source: HUTZ | Miles Hauled: 2 | Pumped: | Camp Distance from Rig: 300 yds | Reason for Extra L. Plant:

OPERATOR: PLACID O.C. Co.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [illegible]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: [illegible]

Rig No.	DWKS	Drill Pipe String No.	Drill Pipe String Size	Tool Joint	Type Thd.
4	T12	111	4½	5 3/4 O.D.	EH

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	NATIONAL	C 250	12
2.	G DENVER	FB FXD	10
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
8 5/8		24 J55	7	174	12.70	166	

MORNING TOUR

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	5	6 3/4	7 1/4
Reaming	1/2		
Conditioning Mud & Circulating			
Trips	1 3/4	1/4	6
Lubricate Rig	1/4	1/4	
Deviation Survey		1/4	
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig	1/2	1/2	1 1/4
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

NO.	DRILLING ASSEMBLY AT END OF TOUR		
36	Stands D.P.	22 4/3.72	Ft.
	Singles D.P.		Ft.
14	D.C. I.D. O.D.	419.12	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.	2.89	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	29.27	Ft.
	Total	2685.00	Ft.

Wt. of String 65.000 Lbs.
Pipe in Hole 72 Jts.
Pipe on Racks 39 Jts.
Total Pipe on Lease 111 Jts.

BIT RECORD

Bit No.	6	
Size	7 7/8	
Mfg.	HW	
Type	XC	
Nozzle No.	3	
Nozzle Size	13	
Ser. No.	82483	
Depth Out		
Depth In	2623	
Total Ftg.	62	
Total Hr. Run	5	
Cond. of Bit		
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD

Time		3:00	7:00
Weight		9.6	9.6
Visc.-Sec.		52	53
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	1066#		
PELTEX	106		

Driller: Bernie Sacek

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
2623	2685	62		D		80	30	750	5½	79	6		S
2589	2623	34		R									

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	1/4						RIG SER.
12:15	2:00	1 3/4						RUN IN WITH BIT No 6
2:00	2:30	1/2						CHANGE BELT ON SHAKER
2:30	3:00	1/2						REAM RAT HOLE 34' FROM 2589 TO 2623
3:00	8:00	5						DRILLING

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
37	Stands D.P.	230657	Ft.
	Singles D.P.		Ft.
44	D.C. 3 1/2 6 1/4 I.D. O.D.	419.12	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.	2.89	Ft.
	Bit or C.B.		Ft.
	Kelly Down	24.42	Ft.
	Total	2753	Ft.

Wt. of String 65.000 Lbs.
Pipe in Hole 74 Jts.
Pipe on Racks 37 Jts.
Total Pipe on Lease 111 Jts.

BIT RECORD

Bit No.	6	
Size	7 7/8	
Mfg.	HW	
Type	XC	
Nozzle No.	3	
Nozzle Size	13	
Ser. No.	82483	
Depth Out	2753	
Depth In	2623	
Total Ftg.	130	
Total Hr. Run	11 3/4	
Cond. of Bit	IN	
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD

Time	8:00	12:00	2:00
Weight	9.5	9.6	9.5
Visc.-Sec.	54	66	62
W.L.-C.C.	6.8		
FL TR. CK.	2/32		
PH	11		
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	1000#		

Driller: J. ROOS

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
2685	2753	68	D			80	30	750	5½	79	6		S

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	1/4						RIG SERVICE CHECK BOP
8:15	2:45	6 1/2						DRILLING
2:45	3:15	1/2						WORK ON PUMP
3:15	3:30	1/4						DRILLING
3:30	3:45	1/4						SURVEY
3:45	4:00	1/4						TRIP FOR BIT

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
37	Stands D.P.	230657	Ft.
	Singles D.P.		Ft.
14	D.C. 3 1/2 6 1/4 I.D. O.D.	419.12	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.	.289	Ft.
	Kelly Down		Ft.
	Total	2760	Ft.

Wt. of String 65000 Lbs.
Pipe in Hole 74 Jts.
Pipe on Racks 37 Jts.
Total Pipe on Lease 111 Jts.

BIT RECORD

Bit No.	7	
Size	7 7/8	
Mfg.	HW	
Type	XC.	
Nozzle No.	3	
Nozzle Size	13	
Ser. No.	82464	
Depth Out		
Depth In	2753	
Total Ftg.	7	
Total Hr. Run	3/4	
Cond. of Bit		
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD

Time		8:00	
Weight		9.5	
Visc.-Sec.		50	
W.L.-C.C.		6.8	
FL TR. CK.		3/32	
PH		11	
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: L. SUSELEY

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
2753	2760	7	D.			70	30	600	5½	78	6"	5	

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	700	3						TRIP FOR BIT. CHECK PIPE FOR WASH OUT
700	800	1						WORK ON PUMP
800	1100	3						RUN IN WITH BIT. CHECK PIPE
1100	1115	1/4						CHANGE SHAKER SCREEN.
1115	1200	3/4						DRILLING

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.

TIME SUMMARY (Office Use Only)

Day Work
Hrs. W/DP
Hrs. WO/DP
Hrs. Standby
Total Day Work

No 1081

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease Well Name: DACID CHEVRON KAKISA
Location — Lsd. 16 Sec. — Twp. — Rge. — W. — M. N 60°50' W 117°15'
Date: FEB 3 19.65

Weather Condition: | Road Conditions: GOOD | Nearest Town: HAY RIVER | Water - Source: LAKE | Miles Hauled: 3 | Pumped: | Camp Distance from Rig: 350 FT. | Reason for Extra L. Plant: EMERGENCY

OPERATOR: Phillips Oil Co.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [illegible]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: B. H. Buscol

Rig No.	Drill Pipe String No.	Drill Pipe String Size	Tool Joint	Type Thd.
4 DWKS T12	111	4½	5 3/4 O.D.	F.H.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	NATIONAL	C150	12
2.	G. DENVER.	F. FXO	18
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
8 5/8		24 J55	7	174	12.30	166	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			5
Reaming			
Conditioning Mud & Circulating		4¾	1¾
Trips			1
Lubricate Rig		¼	¼
Deviation Survey			¼
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring		1½	
Wait on Logging Crew		1½	
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		
	Stands D.P.	21 22.09	Ft.
	Singles D.P.		Ft.
	D.C. 14 12 I.D. 6¾ O.D.	419.12	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.	6.38	Ft.
	Bit or C.B.	2.89	Ft.
	Kelly Down	Down	Ft.
	Total	2589	Ft.
Wt. of String	63000		Lbs.
Pipe in Hole	68		Jts.
Pipe on Racks	43		Jts.
Total Pipe on Lease	111		Jts.

BIT RECORD

Bit No.	5	
Size	7⅞	
Mfg.	H.W.	
Type	XV	
Nozzle No.	3	
Nozzle Size	13	
Ser. No.	155532	
Depth Out	2589	
Depth In	2261	
Total Ftg.	328	
Total Hr. Run	23¾	
Cond. of Bit		
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD

Time	2:00	4:00	6:00
Weight	9.5	9.6	9.6
Visc.-Sec.	63	65	63
W.L.-C.C.	7.2	7.	7
FL TR. CK.	2/32	2/32	2/32
PH	10.5	10	10
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	700 lb.		

Driller: L. SWEETSY.

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
2515	2589	71	D			90	36000	800	5½	76	6		

Deviation Record: Depth 2589

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	1230	½						DRILLING
1230	1245	¼						RIG SERVICE
1245	115	½						CIRC SAMPLE
115	130	¼						W.O.C.
130	545	4¼						DRILLING.
545	645	1						CIRC SAMPLE.
645	700	½						DROP SURVEY.
700	800	1						TRIP TO CORE. STRAP OUT.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
35	Stands D.P.	2554.91	Ft.
1	Singles D.P.	29.30	Ft.
10	D.C. I.D. O.D.	297.83	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.	2.89	Ft.
1	Bit or C.B.	72.05	Ft.
	Kelly Down	7.19	Ft.
	Total	2589.00	Ft.
Wt. of String	60000		Lbs.
Pipe in Hole	71		Jts.
Pipe on Racks	40		Jts.
Total Pipe on Lease	111		Jts.

BIT RECORD

Bit No.	10	
Size	7 13/16	
Mfg.	CHRIS.	
Type	D	
Nozzle No.	—	
Nozzle Size	—	
Ser. No.	EC9772	
Depth Out		
Depth In	2589	
Total Ftg.	10	
Total Hr. Run	1½	
Cond. of Bit		
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD

Time			3:00
Weight			9.5
Visc.-Sec.			48
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Bernie Sacel.

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
2589	2599	10	C	1		90	15000	750	5½	60	6		S

Deviation Record: Depth 2589 Dev. 5°

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						RIG SERVICE
8:15	10:00	1¾						FINISH OUT AND STRAP OUT
10:00	11:30	1½						MAKE UP CORE BARRELS
11:30	2:30	3						RUN IN WITH CORE BARRELS & PICK UP
2:30	4:00	1½						CORING

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
36	Stands D.P.	2615.91	Ft.
	Singles D.P.		Ft.
10	D.C. I.D. O.D.	297.83	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.	2.89	Ft.
	Bit or C.B.	72.05	Ft.
	Kelly Down	7.19	Ft.
	Total	2623	Ft.
Wt. of String	60000		Lbs.
Pipe in Hole	72		Jts.
Pipe on Racks	39		Jts.
Total Pipe on Lease	111		Jts.

BIT RECORD

Bit No.	10	
Size	7 13/16	
Mfg.	CHRIS	
Type	D	
Nozzle No.		
Nozzle Size		
Ser. No.	EC9772	
Depth Out	2623	
Depth In	2589	
Total Ftg.	34	
Total Hr. Run	4½	
Cond. of Bit		
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD

Time	4:00	7:00	
Weight	9.5	9.5	
Visc.-Sec.	50	52	
W.L.-C.C.	6.2		
FL TR. CK.	2/32		
PH	10		
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: J. Ross

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
2589	2623	34	C	1	CORE #1 FROM 2589-2623 REC - 34' DEVONIAN DOLOMITE	90	15000	750	5½	60	6		S

Deviation Record: Depth Dev. Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	700	3						CORING
700	1200	5						HOIST CORE BBLS, RECOVER CORE, LAY DOWN CORE BBLS.

No. 1080

GUTHRIE McLAREN Drilling Co.

DAILY DRILLING REPORT

Lease / Well Name: PLACID CHEVRON Kiarisa
Location — Lsd. 16 Sec. — Twp. — Rge. — W. — M. — No 60° 50' W 117° 15'
Date: FEB 2 19 68

Weather Condition | Road Conditions | Nearest Town | Water - Source / Miles Hauled | Pumped | Camp Distance from Rig / Reason for Extra L. Plant

OPERATOR: PLACID OIL COMPANY

Rig No. 4 DWKS T12 | Drill Pipe String No. 41 Size 4½ | Tool Joint O.D. Type Thd. F.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: B. Bruce

PUMPS No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	NATIONAL	C150	12
2.	G. DENVER	FA.FXD	10
3.			

LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
	5¾							

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual		7½	8½
Reaming Clean			4
Conditioning Mud & Circulating			
Trips			3¾
Lubricate Rig		¼	¼
Deviation Survey		½	
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig		½	[illegible]
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			1¼
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

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
	Stands D.P.	1908.57 Ft.	Bit No.	5
	Singles D.P.	Ft.	Size	7⅞
	D.C. 14 2¼ 6¼ I.D. O.D.	419.12 Ft.	Mfg.	HW
			Type	XV
	D.C. I.D. O.D.	Ft.	Nozzle No.	3
			Size	13
	Stb. Body O.D.	Ft.	Ser. No.	92632
	Stb. Body O.D.	Ft.	Depth Out	
	Rmr. Body O.D.	Ft.	Depth In	2261
	Subs O.D.	6.38 Ft.	Total Ftg.	87
	Bit or C.B.	2.89 Ft.	Total Hr. Run	5¼
	Kelly Down	22 Ft.	Cond. of Bit	Run
	Total	2348 Ft.	Reamer No.	
Wt. of String	60000 Lbs.		Reamer Type	
Pipe in Hole	61 Jts.		MATERIAL CHARGED TO OPERATOR	
Pipe on Racks	50 Jts.			
Total Pipe on Lease	111 Jts.			

MUD RECORD			
Time	3:00	1:00	6:00
Weight	9.6	9.6	8.4
Visc.-Sec.	45	45	55
W.L.-C.C.	8.4	8.4	7.8
FL TR. CK.	2/32	2/32	2/32
PH	9.5	9.5	10
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added: Gel 1600 lb; Costic 100 lb.

Driller: L. SWEETZEY

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
2261	2348	57				90	30	900	5½	50			

Deviation Record: Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	1215	¼						RIG SERVICE
1215	100	¾						CHANG SWIVEL PACKING
100	145	¾						RUN IN PIPE
145	215	½						CLEAN TO BOTTOM.
215	245	½						DRILLING.
245	300	¼						VALVE GASKET ON PUMP.
300	615	3¼						DRILLING.
615	630	¼						WORK ON PUMP CHANG PUMPS
630	800	1½						DRILLING

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
31	Stands D.P.	1984.22 Ft.	Bit No.	5
1	Singles D.P.	31.48 Ft.	Size	7⅞
14	D.C. I.D. O.D.	419.12 Ft.	Mfg.	HW
			Type	XV
	D.C. I.D. O.D.	Ft.	Nozzle No.	3
			Size	13
	Stb. Body O.D.	6.38 Ft.	Ser. No.	85532
	Stb. Body O.D.	Ft.	Depth Out	
	Rmr. Body O.D.	Ft.	Depth In	2261
	Subs O.D.	2.54 Ft.	Total Ftg.	178
	Bit or C.B.	Ft.	Total Hr. Run	12½
	Kelly Down	114.39 Ft.	Cond. of Bit	
	Total	2439 Ft.	Reamer No.	
Wt. of String	61000 Lbs.		Reamer Type	
Pipe in Hole	64 Jts.		MATERIAL CHARGED TO OPERATOR	
Pipe on Racks	47 Jts.			
Total Pipe on Lease	111 Jts.			

MUD RECORD			
Time	8:00	12:00	3:00
Weight	9.7	8.4	9.5
Visc.-Sec.	60	54	55
W.L.-C.C.		8.5	
FL TR. CK.	2/32	2/32	2/32
PH		11.5	
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added: CMC 15x; PELTEX 25x

Driller: Bernie Brook

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
2348	2439	91	D			90	30	850	5½	26			

Deviation Record: Depth 2315 | Dev. 5½° | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						RIG SERVICE
8:15	9:30	1¼						DRILLING
9:30	9:45	¼						SURVEY
9:45	10:00	¼						CHANGE GASKET IN PUMP NO 2
10:00	4:00	6						DRILLING.

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
33	Stands D.P.	2058.86 Ft.	Bit No.	5
	Singles D.P.	Ft.	Size	7⅞
14	D.C. 2¼ 6¼ I.D. O.D.	419.12 Ft.	Mfg.	HW
			Type	XV
	D.C. I.D. O.D.	Ft.	Nozzle No.	3
			Size	13
	Stb. Body O.D.	Ft.	Ser. No.	85532
	Stb. Body O.D.	6.38 Ft.	Depth Out	
	Rmr. Body O.D.	Ft.	Depth In	2261
	Subs O.D.	2.89 Ft.	Total Ftg.	257
	Bit or C.B.	Ft.	Total Hr. Run	19
	Kelly Down	30.76 Ft.	Cond. of Bit	1 N
	Total	2578 Ft.	Reamer No.	
Wt. of String	63000 Lbs.		Reamer Type	
Pipe in Hole	66 Jts.		MATERIAL CHARGED TO OPERATOR	
Pipe on Racks	45 Jts.			
Total Pipe on Lease	111 Jts.			

MUD RECORD			
Time	500	800	1100
Weight	9.5	9.5	9.6
Visc.-Sec.	50	48	66
W.L.-C.C.	7.2		
FL TR. CK.	2/32		
PH	11.		
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added: GEL 2200#

Driller: J. Root

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
2439	2578	79	D			90	30	850	5½	76	6		S

Deviation Record: Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	¼						RIG SERVICE.
4:15	9:45	5½						DRILLING.
9:45	11:00	1¼						CIRC SAMPLE WAIT ORDERS
11	12:00	1						DRILLING

№ 1079

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease / Well Name: PLACID CHEVRON KARSS

Location — Lsd. 16 Sec. ___ Twp. ___ Rge. ___ W. ___ M.

Date: FEB. 1 19 68

Weather Condition | Road Conditions | Nearest Town | Water - Source ___ Miles Hauled ___ Pumped ___ | Camp Distance from Rig ___ Reason for Extra L. Plant

OPERATOR: PLACID OIL COMPANY

Rig No. 4 | DWKS T12 | Drill Pipe String No. 111 Size 4½ | Tool Joint O.D. | Type Thd. F.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Bob Lancaster

PUMPS			
No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	NATIONAL	C150	12
2.	C. DENVER	FA-FXC	10
3.			

LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
	8⅝							

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual		5¼	2½
Reaming			1
Conditioning Mud & Circulating			
Trips			5¼
Lubricate Rig		¼	¼
Deviation Survey		¾	
Test B.O.P.			
Cut Off Drilling Line			
Log Ward Recall Rec. Collar		1	1
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

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		
5	Stands D.P.	1555.03	Ft.
	Singles D.P.		Ft.
	D.C. 14 I.D. 6¼ O.D.	406.95	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.	6.38	Ft.
	Bit or C.B.	2.89	Ft.
	Kelly Down	Down	Ft.
	Total	2012.	Ft.
Wt. of String	58000		Lbs.
Pipe in Hole	61		Jts.
Pipe on Racks	111		Jts.
Total Pipe on Lease	111		Jts.

BIT RECORD		
Bit No.	4	
Size	7⅞	
Mfg.	SEC	
Type	S4T	
Nozzle No.	3-13	
Nozzle Size	1-12	
Ser. No.	904042	
Depth Out		
Depth In	1969	
Total Ftg.	43	
Total Hr. Run	2½	
Cond. of Bit	RUN	
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD			
Time	600		
Weight	9.9		
Visc.-Sec.	48		
W.L.-C.C.	7.2		
FL TR. CK.	2/32		
PH	10		
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Al SWEEZEY

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
1969	2012	43				90	25	900	5½	76	6"		

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	1215	¼						RIG SERVICE.
1215	115	1						TRIP OUT.
115	215	1						LAY DOWN TWO WASHED COLLARS.
215	430	2¼						PICK UP REAMER SUB. RUN IN
430	530	1						CLEAN TO BOTTOM.
530	800	2½						DRILLING.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
28	Stands D.P.	1744.94	Ft.
	Singles D.P.		Ft.
14	D.C. I.D. O.D.	406.95	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.	6.38	Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.	2.89	Ft.
	Bit or C.B.		Ft.
	Kelly Down	29.43	Ft.
	Total	2200	Ft.
Wt. of String	58000		Lbs.
Pipe in Hole	56		Jts.
Pipe on Racks	55		Jts.
Total Pipe on Lease	111		Jts.

BIT RECORD		
Bit No.	4	
Size	7⅞	
Mfg.	SEC	
Type	S4T	
Nozzle No.	2-1	
Nozzle Size	13-12	
Ser. No.	904042	
Depth Out		
Depth In	1969	
Total Ftg.	232	
Total Hr. Run	9¼	
Cond. of Bit		
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD			
Time	9.00	12.00	3.00
Weight	9.8	9.8	9.7
Visc.-Sec.	48	51.	60
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	1200#		
CMC	50#		
Caustic	120#		
PELTEX	150#		

Driller: Bonni Koch

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
2012	2200	188				90	25	100	5½	60			

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	2041	6°		2137	5 7/32				

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						RIG SERVICE
8:15	9:00	¾						DRILLING
900	930	½						SURVEY (SHOW FROZEN UP)
930	1030	1						CHANGE SHAKER SCREEN
1030	1:45	3¼						DRILLING
1:45	1:45	½						SURVEY
1:45	4:00	2¼						DRILLING

FEB 14 1968

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
29	Stands D.P.	1806.99	Ft.
	Singles D.P.		Ft.
14	D.C. I.D. O.D.	406.95	Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.	6.38	Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.	2.89	Ft.
	Bit or C.B.		Ft.
	Kelly Down	37.79	Ft.
	Total	2261	Ft.
Wt. of String	58000		Lbs.
Pipe in Hole	58		Jts.
Pipe on Racks	53		Jts.
Total Pipe on Lease	111		Jts.

BIT RECORD		
Bit No.	4	5
Size	7⅞	7⅞
Mfg.	SEC	HW
Type	S4T	XV
Nozzle No.	2-1	3
Nozzle Size	13-12	13
Ser. No.	904042	83532
Depth Out	2261	
Depth In	1969	2261
Total Ftg.	292	
Total Hr. Run	19.	
Cond. of Bit		
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD			
Time	500		
Weight	9.7		
Visc.-Sec.	58		
W.L.-C.C.	6.4		
FL TR. CK.	2/32		
PH	11.		
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	600#		

Driller: J. Root

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
2200	2261	61	D			90	25	100	5½	62	6.		S.

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	2232	6.0		2261	6.0				

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	415	¼						RIG SER AND CHECK HYDRILL
415	500	¾						DRILLING
500	530	½						SURVEY
530	730	2						DRILLING
730	745	¼						SURVEY
745	1100	3¼						TRIP FOR BIT & STRAP OUT
1100	1200	1						CHANGE SWIVEL PACKING

№ 1078

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease / Well Name: PLACID CHEVRON

Location — Lsd. 165 Sec. N 665 Twp. 24N Rge. ___ W. ___ M.

Date: JAN 31 1968

Weather Condition | Road Conditions | Nearest Town | Water - Source | Miles Hauled | Pumped | Camp Distance from Rig | Reason for Extra L. Plant

OPERATOR

Rig No. 4 DWKS T12

Drill Pipe String: No. 111 Size 4½

Tool Joint O.D. Type Thd. E.H

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [illegible]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: [illegible]

PUMPS			
No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	NATIONAL	C150	12
2.	G DENVER	FO-FXO	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			
Drilling Actual		6¾	4½
Reaming			½
Conditioning Mud & Circulating			
Trips			1¾
Lubricate Rig			¼
Deviation Survey		½	¼
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig		¼	½
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other		½	¼
Fishing			
COMPLETION WORK: A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Total		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		BIT RECORD		MUD RECORD		
19	Stands D.P.	1180.40 Ft.	Bit No.	3	Time		
	Singles D.P.	Ft.	Size	7⅞	Weight	9.2	9.2
	D.C. 16 x 6¾	466.22	Mfg.	SEC	Visc.-Sec.	48	49
	I.D. O.D.	Ft.	Type	DSJ	W.L.-C.C.		
	D.C.		Nozzle No.		FL TR. CK.		
	I.D. O.D.	Ft.	Nozzle Size		PH		
	Stb. Body O.D.	Ft.	Ser. No.	72735	SD. Cont. %		
	Stb. Body O.D.	Ft.	Depth Out		Pressure Gradient		
	Rmr. Body O.D.	Ft.	Depth In	1567			
	Subs O.D.	2.89 Ft.	Total Ftg.	108	Mud & Chemicals Added		
	Bit or C.B.	Ft.	Total Hr. Run	4½	Type / Amt.		
	Kelly Down	21 Ft.	Cond. of Bit	Rerun	Caustic	100#	
	Total	1675 Ft.	Reamer No.		Peltex	100#	
Wt. of String	62000 Lbs.	Reamer Type					
Pipe in Hole	38 Jts.	MATERIAL CHARGED TO OPERATOR					
Pipe on Racks	73 Jts.						
Total Pipe on Lease	73 Jts.				Driller	L. SWEERZEY	

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
1567	1675	108				90	20	900	5½		5½		

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	1630	1¾					1630	1¾°	

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	1215	¼						RIG SERVICE
1215	1315	1						RUN IN WITH BIT.
1315	1445	1½						REAM & CLEAN TO BOTTOM. 14 STDS.
1445	500	2¼						DRILLING
500	515	¼						WORK UP INDICATOR.
515	545	½						DRILLING
545	600	¼						VALVE CAP GASKET.
600	645	¾						DRILLING.
645	700	¼						RUN SURVEY
700	800	1						DRILLING.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		
22	Stands D.P.	1367.89 Ft.	Bit No.	3	Time	9	12	3
	Singles D.P.	Ft.	Size	7⅞	Weight	9.4	9.5	9.5
	D.C.		Mfg.	SEC	Visc.-Sec.	45	49	52
16	I.D. O.D.	466.22 Ft.	Type	DSJ	W.L.-C.C.	9.6	9.6	9.9
	D.C.		Nozzle No.	2-1	FL TR. CK.	2/39	2/32	2/32
	I.D. O.D.	Ft.	Nozzle Size	11-12	PH	11.00	11.00	11.00
	Stb. Body O.D.	Ft.	Ser. No.	72735	SD. Cont. %			
	Stb. Body O.D.	Ft.	Depth Out		Pressure Gradient			
	Rmr. Body O.D.	Ft.	Depth In	1567				
	Subs O.D.	2.89 Ft.	Total Ftg.	290	Mud & Chemicals Added			
	Bit or C.B.	Ft.	Total Hr. Run	18¼	Type / Amt.			
	Kelly Down	20.00 Ft.	Cond. of Bit		Gel	2000#		
	Total	1857 Ft.	Reamer No.					
Wt. of String	18000 Lbs.	Reamer Type						
Pipe in Hole	44 Jts.	MATERIAL CHARGED TO OPERATOR						
Pipe on Racks	67 Jts.							
Total Pipe on Lease	111 Jts.				Driller	Bernie Dack		

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	S.P.M.	Pump No. 2 Size	S.P.M.	Par'el-P Com'd-C
1675	1857	182				100	18	100	5½	30			

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	1751	3¼°		1814	3°				

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						RIG SERVICE
8:15	10:00	1¾						DRILLING
10:00	10:15	¼						CHANGE GASKET ON VALVE CAP ON PUMP NO. 1
10:15	11:00	¾						DRILLING
11:00	11:15	¼						SURVEY
11:15	1:00	1¾						DRILLING
1:00	1:15	¼						CIRC. TO TAKE SURVEY ON BOTTOM.
1:15	1:30	¼						SURVEY
1:30	4:00	2½						DRILLING

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		
24	Stands D.P.	1492.57 Ft.	Bit No.	3	Time	400	8:00	
	Singles D.P.	Ft.	Size	7⅞	Weight	9.8	9.7	
	D.C. 8 x 2¼		Mfg.	SEC	Visc.-Sec.	52.	56.	
16	I.D. O.D.	466.22 Ft.	Type	DSJ	W.L.-C.C.	11.		
	D.C.		Nozzle No.	2, 1	FL TR. CK.	2/32		
	I.D. O.D.	Ft.	Nozzle Size	11 12	PH	11.		
	Stb. Body O.D.	Ft.	Ser. No.	72735	SD. Cont. %			
	Stb. Body O.D.	Ft.	Depth Out	1969	Pressure Gradient			
	Rmr. Body O.D.	Ft.	Depth In	1567				
	Subs O.D.	2.89 Ft.	Total Ftg.	402	Mud & Chemicals Added			
	Bit or C.B.	Ft.	Total Hr. Run	26¼	Type / Amt.			
	Kelly Down	7.32 Ft.	Cond. of Bit	-	Gel	1100#		
	Total	1969.00 Ft.	Reamer No.		Peltex	100#		
Wt. of String	62000 Lbs.	Reamer Type			Caustic	100#		
Pipe in Hole	48 Jts.	MATERIAL CHARGED TO OPERATOR						
Pipe on Racks	63 Jts.							
Total Pipe on Lease	111 Jts.				Driller	G Rood		

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
1857	1969	112	D			100	18	1000	5½	30	6.		S.

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	1908	4¾		1965	6				

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	415	¼						RIG SERVICE
415	530	1¼						DRILLING
530	545	¼						CIRC. TO TAKE SURVEY ON BOTTOM
545	615	½						SURVEY
615	10.00	3¾						DRILLING
10.00	10.15	¼						SURVEY
10.15	12.00	1¾						TRIP FOR STABILIZER

CONTROLLED

№ 1077

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease / Well Name: PLACID CHEVRON

Location — Lsd. 15 Sec. N 1/2 Twp. 1/4 Rge. ___ W. ___ M.

Date: JAN 30 1968

Weather Condition: COLD | Road Conditions: GOOD | Nearest Town: HAYRIVER (NWT) | Miles Hauled: 3 | Water - Source: ___ Pumped: ___ | Camp Distance from Rig: 100 YDS | Reason for Extra L. Plant: ___

OPERATOR

Rig No.	Drill Pipe String No.	Drill Pipe String Size	Tool Joint Type Thd.	Tool Joint O.D.
4 DWKS T12	114	4½	F.H	

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: [signature]

PUMPS No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	NATIONAL	C150	12
2.	G DENVER	FO-FXO	10
3.			

LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
	9⅝							

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual		5¾	5
Reaming			
Conditioning Mud & Circulating			
Trips			2¼
Lubricate Rig		¼	¼
Deviation Survey		¼	½
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		¾	
Fishing			
COMPLETION WORK: A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals		8	8

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
	D.C. 12 I.D. O.D.		Ft.
	D.C. 22 I.D. O.D.	6¼	Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down		Ft.
	Total		Ft.
Wt. of String	40 000		Lbs.
Pipe in Hole	19		Jts.
Pipe on Racks			Jts.
Total Pipe on Lease	92		Jts.

BIT RECORD	
Bit No.	2
Size	7⅞
Mfg.	HW
Type	X16
Nozzle No.	3
Nozzle Size	11
Ser. No.	94298
Depth Out	
Depth In	
Total Ftg.	
Total Hr. Run	
Cond. of Bit	
Reamer No.	
Reamer Type	

MATERIAL CHARGED TO OPERATOR

MUD RECORD	
Time	
Weight	
Visc.-Sec.	50
W.L.-C.C.	
FL TR. CK.	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added: Type / Amt. / Type / Amt.

Driller: K. SWEEZEY

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
1193	1230	37							5½				

Deviation Record: Depth / Dev. / Direction / Depth / Dev. / Direction / Depth / Dev. / Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	200							LAY DOWN SQUARE COLLAR & ONE 6¼ COLLAR, LOAD OUT JARS & BUMPER SUBS.
200	300							PICK UP ONE COLLAR & CALIPER ALL COLLARS
300	500							WASH DOWN MUD & ICE FROM PREVIOUS WET TRIP PIPE TO PLUGGED BIT
500	600							MEASURE IN HOLE
600	700							CLEAN OUT BRIDGE
700	800							DRILLING

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
14	Stands D.P.	869.18	Ft.
	Singles D.P.		Ft.
16	D.C. I.D. O.D.	466.22	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.	2.50	Ft.
	Bit or C.B.		Ft.
	Kelly Down	39.10	Ft.
	Total	1377	Ft.
Wt. of String	50 000		Lbs.
Pipe in Hole	28		Jts.
Pipe on Racks	83		Jts.
Total Pipe on Lease	111		Jts.

BIT RECORD	
Bit No.	2
Size	7⅞
Mfg.	HW
Type	X16
Nozzle No.	3
Nozzle Size	11
Ser. No.	94298
Depth Out	
Depth In	1117
Total Ftg.	260
Total Hr. Run	9¾
Cond. of Bit	Running
Reamer No.	
Reamer Type	

MATERIAL CHARGED TO OPERATOR

MUD RECORD		
Time	12:00	3:00
Weight	8.8	8.9
Visc.-Sec.	45	47
W.L.-C.C.		
FL TR. CK.		
PH		
SD. Cont. %		
Pressure Gradient		

Mud & Chemicals Added: Type / Amt. / Type / Amt.
Gel 1300#
Pelter 250#
Caustic 200#
CMC 50#

Driller: Bernie Sacek

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
1230	1377	147				90	20	1600	5½	52			

Deviation Record: Depth 1283 / Dev. ¾ / Direction 1283 / Depth ¾ / Dev. / Direction / Depth / Dev. / Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						RIG SER
8:15	11:30	3¼						CONTROLD DRILLING WT 20000.
11:30	11:60	½						CHANGE LIGHT PLANTS
11:60	12:00	½						CON. DRILLING
12:30	12:45	¼						SERVEY
12:45	2:30	1½						CONTROLD DRILLING
2:30	2:45	¼						THAW OUT AIR LINES TO MAIN DRUM
2:45	4:00	1¼						CONTROLD DRILLING

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
17	Stands D.P.	1055.29	Ft.
1	Singles D.P.	31.70	Ft.
16	D.C. I.D. O.D.	466.22	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.	2.59	Ft.
	Bit or C.B.		Ft.
	Kelly Down	10.60	Ft.
	Total	1567.00	Ft.
Wt. of String	5000		Lbs.
Pipe in Hole	35		Jts.
Pipe on Racks	76		Jts.
Total Pipe on Lease	111		Jts.

BIT RECORD	
Bit No.	2
Size	7⅞
Mfg.	HW
Type	X16
Nozzle No.	3
Nozzle Size	11
Ser. No.	94298
Depth Out	1567
Depth In	1117
Total Ftg.	450
Total Hr. Run	14¾
Cond. of Bit	Good
Reamer No.	
Reamer Type	

MATERIAL CHARGED TO OPERATOR

MUD RECORD		
Time	400	900
Weight	8.9	9
Visc.-Sec.	54	46
W.L.-C.C.	7	
FL TR. CK.	2/32	
PH	11	
SD. Cont. %		
Pressure Gradient		

Mud & Chemicals Added: Type / Amt. / Type / Amt.
GEL 200#

Driller: J. Ross

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
1377	1567	190	D			160	18	1000	5½	52	6		S

Deviation Record: Depth 1377 / Dev. ¾ / Direction / Depth 1469 / Dev. ¾ / Direction 45 / Depth 1564 / Dev. 1¾ / Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	415	¼						RIG SER AND RUN SURVEY ON LINE
415	630	2¼						DRILLING
630	645	¼						SURVEY ON LINE
645	900	2¼						DRILLING
900	915	¼						SURVEY
915	945	½						DRILLING
945	12:00	2¼						TRIP FOR BIT (DIRECTIONAL TROUBLE)

TIME SUMMARY (Office Use Only)

Day Work
Hrs. W/DP
Hrs. W/O 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. 44½

No. 1076

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease / Well Name: PLECTO CHEVRON RAKOTH

Location — Lsd. 16 Sec. NW 6 Twp. 19 Rge. 5 W. 4 M.

Date: JAN 29 1963

Weather Condition: COLD | Road Conditions: GOOD | Nearest Town: HAY RIVER | Water - Source: LAKE | Miles Hauled: 3 | Pumped | Camp Distance from Rig: 300 YD | Reason for Extra L. Plant

OPERATOR

Rig No.	Drill Pipe No.	Drill Pipe Size	Tool Joint Type Thd.	Tool Joint O.D.
DWKS T 12	111	4½	FH	

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D.R. Wade

PUMPS No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	MATTOON	C150	12
2.	G DENVER	FC-F10	10
3.			

LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
	8 5/8				166			

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			
Total			

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	
10	Stands D.P.	620.73 Ft.	Bit No.	2	Time	
	Singles D.P.	30.49 Ft.	Size	7 7/8	Weight	
	D.C. I.D. O.D.	449.98 Ft.	Mfg.	HUGH	Visc.-Sec.	57
			Type	X1G	W.L.-C.C.	
	D.C. I.D. O.D.	29.78 Ft.	Nozzle No.	2-1	FL TR. CK.	
			Nozzle Size	11-10	PH	
	Stb. Body O.D.	6.42 Ft.	Ser. No.	94298	SD. Cont. %	
	Stb. Body O.D.	5.08 Ft.	Depth Out	1117	Pressure Gradient	
	Rmr. Body O.D.	11.35 Ft.	Depth In	1117		
	Subs O.D.	Ft.	Total Ftg.	76	Mud & Chemicals Added: Type / Amt. / Type / Amt.	
	Bit or C.B.	~~39.35~~ Ft.	Total Hr. Run	2		
	Kelly Down	39.35 Ft.	Cond. of Bit			
	Total	1193 Ft.	Reamer No.			
Wt. of String	5100 Lbs.		Reamer Type			
Pipe in Hole	21 Jts.		MATERIAL CHARGED TO OPERATOR			
Pipe on Racks	90 Jts.					
Total Pipe on Lease	111 Jts.				Driller	

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
1117	1193	76	D										

Deviation Record: Depth / Dev. / Direction / Depth / Dev. / Direction / Depth / Dev. / Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
19:00	8:00							STUCK IN HOLE ATTEMPT TO BACK OFF COLLARS.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
10	Stands D.P.	620.73 Ft.	Bit No.	2	Time	
	Singles D.P.	30.49 Ft.	Size	7 7/8	Weight	
	D.C. I.D. O.D.	449.98 Ft.	Mfg.	HW	Visc.-Sec.	
			Type	X1G	W.L.-C.C.	
	D.C. I.D. O.D.	29.78 Ft.	Nozzle No.	2-1	FL TR. CK.	
			Nozzle Size	11-10	PH	
	Stb. Body O.D.	6.42 Ft.	Ser. No.	94298	SD. Cont. %	
	Stb. Body O.D.	5.08 Ft.	Depth Out		Pressure Gradient	
	Rmr. Body O.D.	11.35 Ft.	Depth In	1117		
	Subs O.D.	Ft.	Total Ftg.	76	Mud & Chemicals Added: Type / Amt. / Type / Amt.	
	Bit or C.B.	Ft.	Total Hr. Run	2		
	Kelly Down	39.35 Ft.	Cond. of Bit			
	Total	1193 Ft.	Reamer No.			
Wt. of String	5100 Lbs.		Reamer Type			
Pipe in Hole	21 Jts.		MATERIAL CHARGED TO OPERATOR			
Pipe on Racks	90 Jts.					
Total Pipe on Lease	111 Jts.				Driller	Bernie Kacek

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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

Deviation Record: Depth / Dev. / Direction / Depth / Dev. / Direction / Depth / Dev. / Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	noon	4						TRY TO BACK OFF BELOW SHOCK SUB AND STABILIZER ~~A BOVE~~ ABOVE SQUARE COLLAR.
								BACK OFF TWO COLLARS ABOVE SHOCK SUB AND STABILIZER.
120	400	4						TRIP TO PICK UP JAR'S

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		
10	Stands D.P.	620.73 Ft.	Bit No.	2	Time	6:00	800
	Singles D.P.	30.49 Ft.	Size	7 7/8	Weight		
	D.C. I.D. O.D.	449.98 Ft.	Mfg.	HW	Visc.-Sec.	62	64
			Type	X1G	W.L.-C.C.		
	D.C. I.D. O.D.	29.78 Ft.	Nozzle No.	2-1	FL TR. CK.		
			Nozzle Size	11-10	PH		
	Stb. Body O.D.	6.42 Ft.	Ser. No.	94298	SD. Cont. %		
	Stb. Body O.D.	5.08 Ft.	Depth Out		Pressure Gradient		
	Rmr. Body O.D.	11.35 Ft.	Depth In	1117			
	Subs O.D.	Ft.	Total Ftg.	76	Mud & Chemicals Added: Type	Amt.	Type / Amt.
	Bit or C.B.	Ft.	Total Hr. Run	2	GEL	800#	
	Kelly Down	39.35 Ft.	Cond. of Bit				
	Total	1193 Ft.	Reamer No.				
Wt. of String	5100 Lbs.		Reamer Type				
Pipe in Hole	21 Jts.		MATERIAL CHARGED TO OPERATOR				
Pipe on Racks	90 Jts.						
Total Pipe on Lease	111 Jts.				Driller		

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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

Deviation Record: Depth / Dev. / Direction / Depth / Dev. / Direction / Depth / Dev. / Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	500	1						RUN IN JARS
500	800	3						FREED PIPE.
800	1030	2½						TRIP OUT.
1030	1100	½						LAY DOWN JARS, BUMPER SUB
1100	1200	1						LAY DOWN SHOCK SUB + REAMER.

№ 1575

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease / Well Name: Placid Cherry Ranch 5a
Location — L.d. 65 Sec. NE 15 Twp. 41 Rge. 16 W. M.
Date: Jan 28 1968
Weather Condition: cool | Road Conditions: good | Nearest Town: Hay River | Water - Source: Lake | Miles Hauled: 3 | Pumped | Camp Distance from Rig: 350 | Reason for Extra L. Plant

OPERATOR: Placid Oil Company

Rig No. 4 DWKS | Drill Pipe String: No. T12 Size 3½ Type Thd. FH | Tool Joint 5¾ O.D.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D. R. Black

PUMPS No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	National	C150	12
2.	GARDEN	FO-F20	10
3.			

LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
	8 5/8		24# J55	7	174	12.30	166	

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		8	4
Fishing		8	8
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

NO.	DRILLING ASSEMBLY AT END OF TOUR		
10	Stands D.P.	620.73	Ft.
1	Singles D.P.	30.49	Ft.
15	D.C. I.D. O.D.	449.98	Ft.
1	D.C. I.D. O.D.	29.78	Ft.
	Stabilizer Body O.D.	6.42	Ft.
	Stb. Body O.D.	5.08	Ft.
	Rmr. Body O.D.	11.35	Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	39.17	Ft.
	Total	1193	Ft.
Wt. of String	5100		Lbs.
Pipe in Hole	21		Jts.
Pipe on Racks	90		Jts.
Total Pipe on Lease	111		Jts.

BIT RECORD		
Bit No.	2.	
Size	7 7/8	
Mfg.	Hughes	
Type	X16	
Nozzle No.	2-1	
Nozzle Size	11-10	
Ser. No.	94298	
Depth Out		
Depth In	1117	
Total Ftg.	76	
Total Hr. Run	2	
Cond. of Bit		
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD			
Time	2.00	4.00	6.00
Weight	9.8	9.9	10.3
Visc.-Sec.	35	35	38
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	300#		

Driller

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
1117	1193	76.	D			35	35	900	5½	56	6		S

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	12.15	1/4						Service Rig
12.15	12.45	1/2						Finish In Hole
12.45	1.45	1						Drilling
1.45	2.00	1/4						Fix star Recording Line
2.00	3.00	1						Drilling
3.00	8.00	5						Stuck In Hole.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
10	Stands D.P.	620.73	Ft.
1	Singles D.P.	30.49	Ft.
15	D.C. I.D. O.D.	449.98	Ft.
1	D.C. I.D. O.D.	29.78	Ft.
	Stb. Body O.D.	6.42	Ft.
	Stb. Body O.D.	5.08	Ft.
	Rmr. Body O.D.	11.35	Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	39.17	Ft.
	Total	1193	Ft.
Wt. of String	51000		Lbs.
Pipe in Hole	21		Jts.
Pipe on Racks	90		Jts.
Total Pipe on Lease	111		Jts.

BIT RECORD		
Bit No.	2	
Size	7 7/8	
Mfg.	Hugh	
Type	X16	
Nozzle No.	2-1	
Nozzle Size	11-10	
Ser. No.	94298	
Depth Out		
Depth In	1117	
Total Ftg.	76	
Total Hr. Run	2	
Cond. of Bit		
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD		
Time	4.00	
Weight		
Visc.-Sec.	57	
W.L.-C.C.		
FL TR. CK.		
PH		
SD. Cont. %		
Pressure Gradient		

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	3100#		

Driller

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8.00	11.00							Stuck In Hole (Wait on Hunco)

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
10	Stands D.P.	620.73	Ft.
1	Singles D.P.	30.49	Ft.
15	D.C. I.D. O.D.	449.98	Ft.
1	D.C. I.D. O.D.	29.78	Ft.
	Stb. Body O.D.	6.42	Ft.
	Stb. Body O.D.	5.08	Ft.
	Rmr. Body O.D.	11.93	Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	39.17	Ft.
	Total	1193	Ft.
Wt. of String	51000		Lbs.
Pipe in Hole	21		Jts.
Pipe on Racks	90		Jts.
Total Pipe on Lease	111		Jts.

BIT RECORD		
Bit No.	2	
Size	7 7/8	
Mfg.	Hugh	
Type	X16	
Nozzle No.	2 1	
Nozzle Size	11-10	
Ser. No.	94298	
Depth Out		
Depth In	1117	
Total Ftg.	76	
Total Hr. Run	2	
Cond. of Bit	1 N	
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD		
Time	4.00	10.30
Weight		
Visc.-Sec.	57	64.
W.L.-C.C.		
FL TR. CK.		
PH		
SD. Cont. %		
Pressure Gradient		

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	300#		

Driller: J. Ross

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4.00	12.00							WORKING STUCK PIPE

№ 1574

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease / Well Name: PLACID CHEVRON KAKISA

Location — Lsd. 16 Sec. 66 Twp. 117 Rge. 15 W. 5 M.

Date: JAN 27 1965

Weather Condition: COLD | Road Conditions: GOOD | Nearest Town: HAY RIVER | Water - Source: LAKE | Miles Hauled: 5 | Pumped: | Camp Distance from Rig: 350' | Reason for Extra L. Plant

OPERATOR: PLACID OIL CO.

Rig No. 4 | DWKS T12 | Drill Pipe String: No. 111, Size 4½ | Tool Joint 5 3/4 O.D. | Type Tbd. FH

SIGNATURE OF OPERATOR'S REPRESENTATIVE: A. Kosciuk

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O. N. Polonk

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	NATIONAL	C15C	12.
2.	GARDEN	FC-FXC	10
3.			

LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
	8 5/8		24# J-55	7	174	12.30	166	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7	7¼	1¾
Reaming			
Conditioning Mud & Circulating			
Trips			5
Lubricate Rig	¼	¼	¼
Deviation Survey			
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		½	
Fishing			
COMPLETION WORK: A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	6	8	10

TOUR SUMMARY (Contr. 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		
5	Stands D.P.	310.15	Ft.
1	Singles D.P.	30.35	Ft.
15	D.C. I.D. O.D.	451.98	Ft.
1	D.C. I.D. O.D.	29.78	Ft.
	Stb. Body O.D.		Ft.
1	Stb. Bilzer Body O.D.	6.42	Ft.
1	Rmr. Body O.D.	5.08	Ft.
1	Subs Shock O.D.	11.35	Ft.
	Bit or C.B.		Ft.
	Kelly Down	13.89	Ft.
	Total	858.00	Ft.

Wt. of String 49,000 Lbs. | Pipe in Hole 11 Jts. | Pipe on Racks 100 Jts. | Total Pipe on Lease 111 Jts.

BIT RECORD		
Bit No.	1	
Size	7 7/8	
Mfg.	HW	
Type	XIG	
Nozzle No.	2-1	
Nozzle Size	10-9	
Ser. No.	87757	
Depth Out		
Depth In	166	
Total Ftg.	692	
Total Hr. Run	20 3/4	
Cond. of Bit	1N	
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD			
Time	1:00	3:00	6:00
Weight	8.6	8.6	8.7
Visc.-Sec.	29	29	29
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added: WATER.

Driller: J. Ross

FOOTAGE From	To	Fтge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
512	858	346	D			90	30	1100	5½	56	6.		S.

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼						RIG SERVICE
12:15	7:15	7						DRILLING
7:15	8:00	¾						REPAIR STAND PIPE

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
9	Stands D.P.	[illegible]	Ft.
4	Singles D.P.	[illegible]	Ft.
15	D.C. I.D. O.D.	451.98	Ft.
1	D.C. I.D. O.D.	29.78	Ft.
	Stb. Body O.D.		Ft.
	Stb. Bilzer Body O.D.	6.42	Ft.
	Rmr. Body O.D.	5.08	Ft.
	Subs Shock O.D.	11.35	Ft.
	Bit or C.B.		Ft.
	Kelly Down	28.15	Ft.
	Total	1071	Ft.

Wt. of String 50,000 Lbs. | Pipe in Hole 18 Jts. | Pipe on Racks 92 Jts. | Total Pipe on Lease 111 Jts.

BIT RECORD		
Bit No.	1	
Size	7 7/8	
Mfg.	HW	
Type	XIG	
Nozzle No.	2-1	
Nozzle Size	10-9	
Ser. No.	87757	
Depth Out		
Depth In	166	
Total Ftg.	905	
Total Hr. Run	28	
Cond. of Bit	1N	
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD			
Time	10:00	2:00	4:00
Weight	8.7	9.7	9.9
Visc.-Sec.	29	35	38
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added: GEL 1000# | water 1 stream.

Driller: M. Patton

FOOTAGE From	To	Fтge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
858	10.71	2.13	D			90	35	1100	5½	58	6		5

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
10:00	8:15	¼						service Rig
8:15	12:30	4¼						Drilling
12:30	1:00	½						Clean mud Tanks
1:00	4:00	3						Drilling

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
9	Stands D.P.	558.00	Ft.
5	Singles D.P.	31.00	Ft.
15	D.C. I.D. O.D.	451.98	Ft.
1	D.C. I.D. O.D.	29.78	Ft.
	Stb. Body O.D.		Ft.
	Stb. Bilzer Body O.D.	6.42	Ft.
	Stb. Shock Body O.D.	5.08	Ft.
	Rmr. Shock Body O.D.	11.35	Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	28.68	Ft.
	Total	1117.00	Ft.

Wt. of String 51.00 Lbs. | Pipe in Hole 19 Jts. | Pipe on Racks 92 Jts. | Total Pipe on Lease 111 Jts.

BIT RECORD		
Bit No.	1	2
Size	7 7/8	7 7/8
Mfg.	HW	Hugh
Type	XIG	XIG
Nozzle No.	2-1	2-1
Nozzle Size	10-9	11-10
Ser. No.	87757	94298
Depth Out	1117	
Depth In	166	1117
Total Ftg.	951	
Total Hr. Run	29 3/4	
Cond. of Bit		
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD			
Time			
Weight			
Visc.-Sec.			
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Driller: Bernie Sacek

FOOTAGE From	To	Fтge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
10.71	1117	47				85	35	1100	5½	58	6		5.

Deviation Record: Depth 1117 | Dev. 3/4° | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	¼						Rig Ser.
4:15	6:00	1¾						Drilling
6:00	6:15	¼						Survey
6:15	12:00	5¾						TRIP for Bit work off washout in collars and lay one collar down

№ 1573

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease Well Name: PLACID CHEVRON KAKISA J-65 N6065 W117.0 16
Location — Lsd. J-65 Sec. ___ Twp. ___ Rge. ___ W. ___ M.
Date: JAN 26 1968

Weather Condition: COLD | Road Conditions: Good | Nearest Town: HAY RIVER | Water - Source: LAKE | Miles Hauled: 3 | Pumped: ___ | Camp Distance from Rig: 350 ft. | Reason for Extra L. Plant

OPERATOR: PLACID ~~CHEVRON~~ OIL COMPANY

Rig No.: 4 DWKS T12 | Drill Pipe String: No. 111 Size 4½ | Tool Joint: 5¾ C.D. | Type Thd.: FH

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D.R. Clark

PUMPS			
No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	NATIONAL	C150	12
2.	DENVER	FC-FXO	10
3.			

LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
	8 5/8		24# J55	7	174	12.30	166	

MORNING TOUR

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	3¼	3	7¼
Reaming		1	
Conditioning Mud & Circulating			
Trips	1		
Lubricate Rig	¼	¼	¼
Deviation Survey			½
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig	2		
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other	1¼	3¼	

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
6	D.C. I.D. O.D.	182.41	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.	5.55	Ft.
	Bit or C.B.		Ft.
	Kelly Down	39.04	Ft.
	Total	227.00	Ft.
Wt. of String		30,000	Lbs.
Pipe in Hole		0	Jts.
Pipe on Racks		111	Jts.
Total Pipe on Lease		111	Jts.

BIT RECORD		
Bit No.	1	
Size	7⅞	
Mfg.	HUGH	
Type	X1C	
Nozzle No.	3	
Nozzle Size	10	
Ser. No.	87757	
Depth Out		
Depth In	166	
Total Ftg.	61	
Total Hr. Run	3½	
Cond. of Bit		
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

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.

Driller: J. Rood

FOOTAGE

From	To	Fege.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
166	227	61	D			75	20	1000	5½	60	6		S

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	1215	¼						RIG SER
1215	130	1¼						DRILL OUT CEMENT FLOAT AND SHOE
130	500	3½						DRILLING
500	600	1						TRIP TO PICK UP SQUARE COLLAR AND R.
								AND SHOCK SUB
600	800	2						REPAIR BRAKE OUT LINE

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
6	D.C. I.D. O.D.	182.48	Ft.
1	D.C. I.D. O.D.	29.78	Ft.
	Stb. Body O.D.		Ft.
1	STABILIZER Body O.D.	6.42	Ft.
1	Rmr. Body O.D.	5.08	Ft.
1	Subs SHOCK O.D.	11.35	Ft.
1	SUB Bit or C.B.	2.75	Ft.
	Kelly Down	36.14	Ft.
	Total	274.00	Ft.
Wt. of String		30,000	Lbs.
Pipe in Hole		0	Jts.
Pipe on Racks		111	Jts.
Total Pipe on Lease		111	Jts.

BIT RECORD		
Bit No.	1	
Size	7⅞	
Mfg.	HUGH	
Type	X1C	
Nozzle No.	3	
Nozzle Size	10	
Ser. No.	87757	
Depth Out		
Depth In	166	
Total Ftg.	47	
Total Hr. Run	6½	
Cond. of Bit		
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

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.

Driller: M. Patton

FOOTAGE

From	To	Fege.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
227	274	47	D			80	10	1000	5½	60	6		S

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
9:00	9:15	¼						Rig SERVICE.
9:15	11:15	2						Caliper & run in with Bit Reamer
								Square Collar, Stabilizer, Shock sub
11:15	12:15	1						REAM SQUARE COLLAR TO BOTTOM.
12:15	1:15	1						Drilling
1:15	3:00	3¼						work on Kelly & stand pipe
3:00	4:00	2						Drilling

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
14	D.C. I.D. O.D.	420.79	Ft.
1	D.C. I.D. O.D.	29.78	Ft.
1	Stb. STAB. Body O.D.	6.42	Ft.
	Stb. Body O.D.		Ft.
1	Rmr. Body O.D.	5.08	Ft.
1	Subs SHOCK O.D.	11.35	Ft.
1	SUB Bit or C.B.	2.75	Ft.
	Kelly Down	35.83	Ft.
	Total	512.50	Ft.
Wt. of String		42,000	Lbs.
Pipe in Hole		0	Jts.
Pipe on Racks		111	Jts.
Total Pipe on Lease		111	Jts.

BIT RECORD		
Bit No.	1	
Size	7⅞	
Mfg.	Hugh	
Type	X1C	
Nozzle No.	3-2	
Nozzle Size	9.40	
Ser. No.	87757	
Depth Out	~~167~~	
Depth In	166	
Total Ftg.	346	
Total Hr. Run	13¾	
Cond. of Bit	IN	
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD

Time	5.00	8.00	11.00
Weight	8.5	8.5	8.5
Visc.-Sec.	29	29	29
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller

FOOTAGE

From	To	Fege.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
274	512	238	D			80	30	1100	5½	55	6		S

Deviation Record: Depth 512 | Dev. 0 | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	¼						Rig SER
4:15	9:15	5						DRILLING
9:15	9:30	¼						SERVICE - Mis. Run
9:30	11:45	2¼						DRILLING
11:45	12:00	¼						SERVICE

COMPLETION WORK

A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Total	8	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.	

№ 1572

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease Well Name: PLACID CHVEIRON KAKISA #65
Location -- Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.
Date: JAN 25 1968

Weather Condition: COLD | Road Conditions: GOOD | Nearest Town: HAY RIVER | Water - Source: LAKE | Miles Hauled: 8 | Pumped ___ | Camp Distance from Rig: 350 | Reason for Extra L. Plant

OPERATOR: PLACID OIL COMPANY

Rig No. 4 DWKS T12 | Drill Pipe String: No. 4½ Size 4½ | Tool Joint 5¾ O.D. Type Thd. FH

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D. R. Clark.

PUMPS No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	NATIONAL	C150	12
2.	DENVER	FB FXB	10
3.			

LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
	8 5/8		24# J-55	7	174	12.30	166	

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.		1	4½
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other	8	7	3½
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

Rel 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.
4	D.C. I.D. O.D.	121.75	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.	6.86	Ft.
	Bit or C.B.		Ft.
	Kelly Down	37.36	Ft.
	Total	166.00	Ft.
Wt. of String		18,000	Lbs.
Pipe in Hole		0	Jts.
Pipe on Racks		111	Jts.
Total Pipe on Lease		111	Jts.

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 ___

MATERIAL CHARGED TO OPERATOR

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.

Driller: J. Ross

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	8.00	8						NIPPLING UP BOPS.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
	D.C. I.D. O.D.		Ft.
4	D.C. I.D. O.D.	121.75	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.	6.86	Ft.
	Bit or C.B.		Ft.
	Kelly Down	37.36	Ft.
	Total	166.00	Ft.
Wt. of String		18,000	Lbs.
Pipe in Hole		0	Jts.
Pipe on Racks		111	Jts.
Total Pipe on Lease		111	Jts.

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 ___

MATERIAL CHARGED TO OPERATOR

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.

Driller: M. PATTON.

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8.00	12.00	4						Nippling up
12.00	3.00	3						work on mud lines
3.00	4.00	1						pressure up Blind Rams to 1,000 lbs.

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
	D.C. I.D. O.D.		Ft.
4	D.C. I.D. O.D.	121.75	Ft.
	Stb. Body O.D.	6.86	Ft.
	Stb. Body O.D.	~~[illegible]~~	Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down	37.36	Ft.
	Total	166.00	Ft.
Wt. of String		18,000	Lbs.
Pipe in Hole		0	Jts.
Pipe on Racks		111	Jts.
Total Pipe on Lease		111	Jts.

BIT RECORD: Bit No. 87757 #1 | Size 7 7/8 | Mfg. H.W. | Type X16 | Nozzle No. 1-2 Size 9-10-10 | Ser. No. ___ | Depth Out ___ | Depth In ___ | Total Ftg. ___ | Total Hr. Run ___ | Cond. of Bit ___ | Reamer No. ___ | Reamer Type ___

MATERIAL CHARGED TO OPERATOR

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.

Driller: Bernie Hack

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4.00	6.00		2					GEE BLIND RAM TO WORK (OPEN)
6.00	6.30		½					RIH IN TO PRESS UP
6.30	11.00		4½					WORK ON HYDRIL & AND PIPE RAM AND PRESS UP
~~[illegible]~~	~~[illegible]~~							
11.00	12.30		1½					RIH IN WITH BIT NO 1 ~~[illegible]~~ ~~CEMENT~~
12.30	12.00		½					DRILL OUT CEMENT

PRESSURED UP HYDRIL TO 1000 PSI FOR 15 MIN HELD OK. CHECKED MOTOR SHUTOFFS.

№ 1571

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease Well Name: PLACID CHEIRON KAKISA J-65 Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.

Date: JAN 24 1968

Weather Condition: COLD | Road Conditions: GOOD | Nearest Town: HAY RIVER | Water - Source: LAKE | Miles Hauled: ✓ | Pumped: ___ | Camp Distance from Rig: 3.5C | Reason for Extra L. Plant

OPERATOR: PLACID OIL COMPANY

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [illegible]

Rig No.: 4 | DWKS: T12 | Drill Pipe String: No. 111, Size 4 1/2 | Tool Joint: 5 3/4 O.D. | Type Thd.: FH

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D. R. Clark

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	NATIONAL	C150	12
2.	DENVER	FC-PXO	10
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
8 5/8		24# J55	7	174	12.30	166	

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	8	8	
Drill Stem Test			
Other		8	8
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		BIT RECORD	
	Stands D.P.	Ft.	Bit No.	
	Singles D.P.	Ft.	Size	
	D.C.		Mfg.	
4	I.D. O.D.	121.75 Ft.	Type	
	D.C.		Nozzle No.	
	I.D. O.D.	Ft.	Nozzle Size	
	Stb. Body O.D.	Ft.	Ser. No.	
	Stb. Body O.D.	Ft.	Depth Out	
	Rmr. Body O.D.	Ft.	Depth In	
	Subs O.D.	6.86 Ft.	Total Ftg.	
	Bit or C.B.	Ft.	Total Hr. Run	
	Kelly Down	37.36 Ft.	Cond. of Bit	
	Total	166.00 Ft.	Reamer No.	
Wt. of String	18,000	Lbs.	Reamer Type	
Pipe in Hole	0	Jts.	MATERIAL CHARGED TO OPERATOR	
Pipe on Racks	111	Jts.		
Total Pipe on Lease	111	Jts.		

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.

Driller

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	8.00	8						W.O.C.
								K

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
	Stands D.P.	Ft.	Bit No.	
	Singles D.P.	Ft.	Size	
	D.C.		Mfg.	
4	I.D. O.D.	121.75 Ft.	Type	
	D.C.		Nozzle No.	
	I.D. O.D.	Ft.	Nozzle Size	
	Stb. Body O.D.	Ft.	Ser. No.	
	Stb. Body O.D.	Ft.	Depth Out	
	Rmr. Body O.D.	Ft.	Depth In	
	Subs O.D.	6.86 Ft.	Total Ftg.	
	Bit or C.B.	Ft.	Total Hr. Run	
	Kelly Down	37.36 Ft.	Cond. of Bit	
	Total	166.00 Ft.	Reamer No.	
Wt. of String	18,000	Lbs.	Reamer Type	
Pipe in Hole	0	Jts.	MATERIAL CHARGED TO OPERATOR	
Pipe on Racks	111	Jts.		
Total Pipe on Lease	111	Jts.		

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.

Driller

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8.00	10.00	2						Working on cellar
10.00	2.30	4 1/2						weld on casing bowl
2.30	4.00	1 1/2						Install change over spool

K.B. TO GROUND LEVEL = 12.30

K.B. TO CASING HEAD FLANGE = 12.30

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
	Stands D.P.	Ft.	Bit No.	
	Singles D.P.	Ft.	Size	
	D.C.		Mfg.	
4	I.D. O.D.	121.75 Ft.	Type	
	D.C.		Nozzle No.	
	I.D. O.D.	Ft.	Nozzle Size	
	Stb. Body O.D.	Ft.	Ser. No.	
	Stb. Body O.D.	Ft.	Depth Out	
	Rmr. Body O.D.	Ft.	Depth In	
	Subs O.D.	6.86 Ft.	Total Ftg.	
	Bit or C.B.	Ft.	Total Hr. Run	
	Kelly Down	37.36 Ft.	Cond. of Bit	
	Total	166.00 Ft.	Reamer No.	
Wt. of String	18,000	Lbs.	Reamer Type	
Pipe in Hole	0	Jts.	MATERIAL CHARGED TO OPERATOR	
Pipe on Racks	111	Jts.		
Total Pipe on Lease	111	Jts.		

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.

Driller: Bernie Hack

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4.00	12.00	8						INSTAL B.O.P. AND NIPPE UP.

№ 1570

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease / Well Name: PLACID CHEVRON KAKISA 5-65-N 66°15' W 17°15' M.
Date: JAN 23 1968
Weather Condition: COLD
Road Conditions: Good
Nearest Town: HAY RIVER
Water - Source: LAKE
Miles Hauled: —
Pumped:
Camp Distance from Rig: 330
Reason for Extra L. Plant:

OPERATOR: PLACID OIL COMPANY

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O. R. Clark

Rig No. 4 DWKS T12

Drill Pipe String: No. 111 Size 4½

Tool Joint 5¾ O.D. Type Thd. FH

PUMPS			
No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	NATIONAL	C150	12
2.	DENVER	FO-PXO	10
3.			

LAST CASING TUBING OR LINER	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
	8 5/8		24# J55	7	174		166	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	5¼		
Reaming		5½	
Conditioning Mud & Circulating		1	
Trips	1	¾	1¼
Lubricate Rig	¼	¼	¼
Deviation Survey	¼		
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			2
Running Casing & Cementing			2
Waiting on Cement			1½
Drill Stem Test			
Other	½	1	3
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.
4	D.C. I.D. O.D.	121.78	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.	5.55	Ft.
	Bit or C.B.		Ft.
	Kelly Down	38.67	Ft.
	Total	166.00	Ft.

Wt. of String 25,000 Lbs.
Pipe in Hole 0 Jts.
Pipe on Racks 111 Jts.
Total Pipe on Lease 111 Jts.

BIT RECORD		
Bit No.	2A	3A
Size	9 3/4	12¼
Mfg.	EDECO	SEC
Type	M-G	S3
Nozzle No.		
Nozzle Size		
Ser. No.	62532	906241
Depth Out	166	
Depth In	160	60
Total Ftg.	106	1¼
Total Hr. Run		¾
Cond. of Bit	10 1/2	
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD			
Time	2	4	6
Weight	9.3	9.4	9.3
Visc.-Sec.	48	60	56
W.L.-C.C.			
Fl. Tr. Ck.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	1100#		

Driller: J. Robb

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
93	166	73				130	10	300	6¼	78	6	56	S
60	76	16			REAMING	160	2	300	6½	78	6	56	S

Deviation Record: Depth 166 Dev. ¼ Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	12.15	¼						RIG SER
12.15	3.00	2¾						DRILLING
3.00	3.15	¼						SURVEY
3.15	5.00	1¾						DRILLING
5.00	5.30	½						WORK ON PUMP CHANGE GLAN PACKING
5.30	6.15	¾						DRILLING
6.15	7.15	1						TRIP
7.15	8.00	¾						REAMING
								STRAP OUT
								MEASURE NC CHANGE

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
A	D.C. I.D. O.D.	121.78	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.	6.86	Ft.
	Bit or C.B.		Ft.
	Kelly Down	37.36	Ft.
	Total	166.00	Ft.

Wt. of String 18,000 Lbs.
Pipe in Hole 0 Jts.
Pipe on Racks 111 Jts.
Total Pipe on Lease 111 Jts.

BIT RECORD		
Bit No.	3A	
Size	12¼	
Mfg.	SEC	
Type	S3	
Nozzle No.		
Nozzle Size		
Ser. No.	708241	
Depth Out	166	
Depth In	60	
Total Ftg.	106	
Total Hr. Run	6¼	
Cond. of Bit	1N	
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD			
Time	8.00	12.00	4.00
Weight	~~5.5~~	~~1.0~~	~~1.0~~
Visc.-Sec.	55	60	120
W.L.-C.C.			
FL. TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	1200#		
CAUSTIC	75#		

Driller: Mel Patton

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
76	166	90	R		Reaming	140	10	300	6½	78	6	56	S

Deviation Record: Depth Dev. Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
7.00	8.15	¾						Rig service
8.15	9.00	¾						Reaming
9.00	10.00	1						weld on cellar Jet
10.00	2.45	4¾						Reaming
2.45	3.45	1						condition mud & circulate
3.45	4.00	¼						Hoist Bit # 3A (to condition Hole)

Plug down @ 1030 AM WITH 750# PSI
HAD 4 BARRELS CEMENT RETURNS
AT SURFACE. FLOAT HELD OK.

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
4	D.C. I.D. O.D.	121.78	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.	6.86	Ft.
	Bit or C.B.		Ft.
	Kelly Down	37.36	Ft.
	Total	166.00	Ft.

Wt. of String 18,000 Lbs.
Pipe in Hole 0 Jts.
Pipe on Racks 111 Jts.
Total Pipe on Lease 111 Jts.

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		

MATERIAL CHARGED TO OPERATOR

MUD RECORD			
Time	5.00		
Weight	9.3		
Visc.-Sec.	115		
W.L.-C.C.			
FL. TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Bernie Reese

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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

Deviation Record: Depth 166 Dev. ¼ Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4.00	4.15	¼						RIG SER.
4.15	4.45	½						DUMMY TRIP
4.45	5.30	¾						CIRC PRIOR TO RUN CASING
5.30	5.45	¼						SURVEY
5.45	6.30	¾						PULL OUT HOLE TO RUN CASING
6.30	7.00	½						RIG UP TO RUN CASING
7.00	9.00	2						RUN CASING.
9.00	10.30	1½						CIRC AND CEMENT CASING
10.30	12.00	1½						W.O.C

RAN 7 JTS. (174.1') OF 8 5/8 24# J-55 STC CSG.
CEMENTED WITH 115 SACKS NORMAL CEMENT PLUS 1% CACL2. ~~PLUG~~ DOWNED ON BTM @ 166 K.B. PLUG DOWN 1030 AM

№ 1569

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease Well Name: PLACID KAISA #1

Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.

Date: JAN 22 1968

Weather Condition: COLD | Road Conditions: Good | Nearest Town: HAY RIVER | Water - Source: LAKE | Miles Hauled: ✓ | Pumped: ___ | Camp Distance from Rig: 350 | Reason for Extra L. Plant

OPERATOR: PLACID OIL COMPANY

Rig No. 4 | DWKS T-12

Drill Pipe String: No. 111 | Size 4½

Tool Joint 5¾ O.D. | Type Thd. FH

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [illegible]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D. R. Clark

PUMPS			
No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	NATIONAL	C150	12
2.	DENVER	FO-FIO	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			
Drilling Actual	3	7½	2½
Reaming			
Conditioning Mud & Circulating			1¾
Trips	¼		
Lubricate Rig	¼	¼	
Deviation Survey			¼
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			1¾
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other	4½	2¼	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

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
	D.C.		
1	I.D. O.D.	30 40	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.
3	Bit or C.B.	6.86	Ft.
	Kelly Down	27.74	Ft.
	Total	65.00	Ft.
Wt. of String	80000		Lbs.
Pipe in Hole	0		Jts.
Pipe on Racks	111		Jts.
Total Pipe on Lease	111		Jts.

BIT RECORD		
Bit No.	1A	2A
Size	12¼	8¾
Mfg.	C	EDECO
Type	S3	MHC
Nozzle No.		
Nozzle Size		
Ser. No.	108241	32462
Depth Out	60	
Depth In	0	60
Total Ftg.	60	5
Total Hr. Run	2¾	¼
Cond. of Bit		IN
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD		
Time	3:00	5:00
Weight		
Visc.-Sec.	52	44
W.L.-C.C.		
FL TR. CK.		
PH		
SD. Cont. %		
Pressure Gradient		

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	2700#		
CAUSTIC	50#		

Driller: J. Ross

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
0	60	60	D		DRILL 12¼	120	3	200	6½	70			
60	65	5	D		DRILL 8¾	120	3	200	6½	70			

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	1215	¼						RIG SER
1215	330	3¼						DRILL RAT HOLE AND MOUSE HOLE
330	615	2¾						DRILLING 12¼ HOLE
615	630	¼						TRIP 12¼ CHANGE 8¾
630	645	¼						DRILLING
645	800	1¼						WORK ON PUMP CHANGE HEAD

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
	D.C.		
	I.D. O.D.	30.40	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.	6.86	Ft.
	Bit or C.B.	[illegible]	Ft.
	Kelly Down	[illegible]	Ft.
	Total	45.00	Ft.
Wt. of String	13000		Lbs.
Pipe in Hole	0		Jts.
Pipe on Racks	111		Jts.
Total Pipe on Lease	111		Jts.

BIT RECORD		
Bit No.	2A	
Size	8¾	
Mfg.	EDECO	
Type	MHG	
Nozzle No.		
Nozzle Size		
Ser. No.	62352	
Depth Out	75	
Depth In	60	
Total Ftg.	15	
Total Hr. Run	3¾	
Cond. of Bit	IN	
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD		
Time		4:00
Weight		
Visc.-Sec.		45
W.L.-C.C.		
FL TR. CK.		
PH		
SD. Cont. %		
Pressure Gradient		

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	600#		

Driller: M. Patton

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
65	75	10	D		8¾	120	3	200	6½	70	6	60	5

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
9:00	8:15	¼						RIG SER.
9:15	11:00	3¾						WORK ON PUMP #2 CHANGE HEAD
11:00	1:30	2½						DRILL 8¾ HOLE
1:30	2:30	1						TRIPED
2:30	4	1½						WORK ON PUMP #2 CHECK & CLEAN OUT VALVES

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
	D.C.		
2	2⅞ I.D. 6¼ O.D.	60.90	Ft.
	D.C.		
	I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
3	Rmr. Body O.D.	6.86	Ft.
	Subs O.D.	[illegible]	Ft.
	Bit or C.B.	[illegible]	Ft.
	Kelly Down	[illegible]	Ft.
	Total	[illegible]	Ft.
Wt. of String			Lbs.
Pipe in Hole			Jts.
Pipe on Racks			Jts.
Total Pipe on Lease			Jts.

BIT RECORD		
Bit No.	2A	
Size	8¾	
Mfg.	EDECO	
Type	MHC	
Nozzle No.		
Nozzle Size		
Ser. No.	62352	
Depth Out		
Depth In	60	
Total Ftg.	18	
Total Hr. Run	[illegible]	
Cond. of Bit	5¼	
Reamer No.		
Reamer Type		

MATERIAL CHARGED TO OPERATOR

MUD RECORD		
Time		11:00
Weight		
Visc.-Sec.		50
W.L.-C.C.		
FL TR. CK.		
PH		
SD. Cont. %		
Pressure Gradient		

Mud & Chemicals Added

Type	Amt.	Type	Amt.
1000 Gel			
100 Caustic			

Driller: Bernie Bacot

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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
75	93	18	D		DRILL 8¾	120	3	200	6½	70	6	56	5

Deviation Record: Depth 75' | Dev. ¼ | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	¼						RIG. SER
4:15	6:00	1¾						CIRC AND ADD GEL (TO CLEAN H
6:00	6:30	½						CHANGE SHAKE SCREEN
6:30	7:00	½						CLEAN HOLE
7:00	7:30	½						PUT CLEAN PACKING IN NO. 2 PUMP
7:30	8:00	½						CLEAN HOLE
8:00	8:15	¼						SERVEY
8:15	9:00	¾						CLEAN GRAVEL OUT OF VALVES AND HEADS ON 2 PUMP.
9:00	9:30	½						DRILLING
9:30	10:00	½						CLEAN GRAVEL OUT OF VALVES IN NO
10:00	12:00	2						DRILLING

№ 1568

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease: CHICHEN KAKISA #J-65
Well Name: PLACID
Location — Lsd. ___ Sec. ___ Twp. 60° 50' Rge. 117° 15' W. ___ M.
Date: JAN 21 1968

Weather Condition: Cold | Road Conditions: Good | Nearest Town: HAY RIVER | Water - Source: LAKE | Miles Hauled: ___ | Pumped: ___ | Camp Distance from Rig: 350 | Reason for Extra L. Plant

OPERATOR: PLACID OIL COMPANY

SIGNATURE OF OPERATOR'S REPRESENTATIVE: /

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O. R. Clark

Rig No.	Drill Pipe String No.	Drill Pipe String Size	Tool Joint O.D.	Type Thd.
4 DWKS T12	111	4½		

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	NATIONAL	C150	12
2.	6 DENVER	FX-FXO	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	4		
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

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.	
			Type		W.L.-C.C.	
	D.C. I.D. O.D.	Ft.	Nozzle No. / Size		FL TR. CK.	
	Sub. Body O.D.	Ft.	Ser. No.		PH	
	Sub. Body O.D.	Ft.	Depth Out		SD. Cont. %	
	Rmr. Body O.D.	Ft.	Depth In		Pressure Gradient	
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added	
	Bit or C.B.	Ft.	Total Hr. Run		Type / Amt. / Type / Amt.	
	Kelly Down	Ft.	Cond. of Bit			
	Total	Ft.	Reamer No.			
Wt. of String		Lbs.	Reamer Type			
Pipe in Hole		Jts.	MATERIAL CHARGED TO OPERATOR			
Pipe on Racks		Jts.				
Total Pipe on Lease		Jts.			Driller: J. Ross	

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	8.00	8						RIGING UP

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.	
			Type		W.L.-C.C.	
	D.C. I.D. O.D.	Ft.	Nozzle No. / Size		FL TR. CK.	
	Sub. Body O.D.	Ft.	Ser. No.		PH	
	Sub. Body O.D.	Ft.	Depth Out		SD. Cont. %	
	Rmr. Body O.D.	Ft.	Depth In		Pressure Gradient	
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added	
	Bit or C.B.	Ft.	Total Hr. Run		Type / Amt. / Type / Amt.	
	Kelly Down	Ft.	Cond. of Bit			
	Total	Ft.	Reamer No.			
Wt. of String		Lbs.	Reamer Type			
Pipe in Hole		Jts.	MATERIAL CHARGED TO OPERATOR			
Pipe on Racks		Jts.				
Total Pipe on Lease		Jts.			Driller: Mel Patton	

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8.00	4.00							Rigging UP

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.	
			Type		W.L.-C.C.	
	D.C. I.D. O.D.	Ft.	Nozzle No. / Size		FL TR. CK.	
	Sub. Body O.D.	Ft.	Ser. No.		PH	
	Sub. Body O.D.	Ft.	Depth Out		SD. Cont. %	
	Rmr. Body O.D.	Ft.	Depth In		Pressure Gradient	
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added	
	Bit or C.B.	Ft.	Total Hr. Run		Type / Amt. / Type / Amt.	
	Kelly Down	Ft.	Cond. of Bit		Gel 700	
	Total	Ft.	Reamer No.			
Wt. of String		Lbs.	Reamer Type			
Pipe in Hole		Jts.	MATERIAL CHARGED TO OPERATOR			
Pipe on Racks		Jts.				
Total Pipe on Lease		Jts.			Driller: Bernie Lacek	

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4.00	8.00	4 hr.						RIG UP TO DRILL RAT HOLE
8.00	12.00	4 hr.						DRILLING RAT HOLE

№ 1567

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease Well Name: PLACID KAKISA (CHEVRON) 5-65
Location — Lsd. 5-65 Sec. 60' 50' Twp. 117° Rge. 15' W. M.
Date: JAN 20 1969

Weather Condition: COLD WINDY | Road Conditions: GOOD | Nearest Town: HAY RIVER | Water - Source: LAKE | Miles Hauled: 3 | Pumped: | Camp Distance from Rig: 350 FT. | Reason for Extra L. Plant

OPERATOR: PLACID OIL COMPANY

Rig No.: 4 DWKS T 12

Drill Pipe String	No.	Size
	111	4 1/2

Tool Joint: 5 3/4 O.D. Type Thd.: F.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O.R. Clark

PUMPS			
No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	NATIONAL	C150 B	12
2.	GARDNER DENVER	FO-FXO	16
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			
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

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.	
			Type		W.L.-C.C.	
	D.C. I.D. O.D.	Ft.	Nozzle No. / Size		FL TR. CK.	
					PH	
	Stb. Body O.D.	Ft.	Ser. No.		SD. Cont. %	
	Stb. Body O.D.	Ft.	Depth Out		Pressure Gradient	
	Rmr. Body O.D.	Ft.	Depth In			
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added	
	Bit or C.B.	Ft.	Total Hr. Run		Type / Amt. / Type / Amt.	
	Kelly Down	Ft.	Cond. of Bit			
	Total	Ft.	Reamer No.			
Wt. of String		Lbs.	Reamer Type			
Pipe in Hole		Jts.	MATERIAL CHARGED TO OPERATOR			
Pipe on Racks		Jts.				
Total Pipe on Lease		Jts.			Driller: J. Ross	

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	8.00	8						RIGING UP

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.	
			Type		W.L.-C.C.	
	D.C. I.D. O.D.	Ft.	Nozzle No. / Size		FL TR. CK.	
					PH	
	Stb. Body O.D.	Ft.	Ser. No.		SD. Cont. %	
	Stb. Body O.D.	Ft.	Depth Out		Pressure Gradient	
	Rmr. Body O.D.	Ft.	Depth In			
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added	
	Bit or C.B.	Ft.	Total Hr. Run		Type / Amt. / Type / Amt.	
	Kelly Down	Ft.	Cond. of Bit			
	Total	Ft.	Reamer No.			
Wt. of String		Lbs.	Reamer Type			
Pipe in Hole		Jts.	MATERIAL CHARGED TO OPERATOR			
Pipe on Racks		Jts.				
Total Pipe on Lease		Jts.			Driller: Mel Patton	

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8.00	4.00							Rigging Up

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.	
			Type		W.L.-C.C.	
	D.C. I.D. O.D.	Ft.	Nozzle No. / Size		FL TR. CK.	
					PH	
	Stb. Body O.D.	Ft.	Ser. No.		SD. Cont. %	
	Stb. Body O.D.	Ft.	Depth Out		Pressure Gradient	
	Rmr. Body O.D.	Ft.	Depth In			
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added	
	Bit or C.B.	Ft.	Total Hr. Run		Type / Amt. / Type / Amt.	
	Kelly Down	Ft.	Cond. of Bit			
	Total	Ft.	Reamer No.			
Wt. of String		Lbs.	Reamer Type			
Pipe in Hole		Jts.	MATERIAL CHARGED TO OPERATOR			
Pipe on Racks		Jts.				
Total Pipe on Lease		Jts.			Driller: Bernie Hoech	

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
								RINGGING UP

№ 1566

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease / Well Name: PLACID, LAKURON KAKISA #J-65

Location — Lsd. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M.

Date: JAN 19 1968

Weather Condition: COLD WINDY | Road Conditions: GOOD | Nearest Town: HAY RIVER | Water - Source: LAKE | Miles Hauled: 3 | Pumped: ____ | Camp Distance from Rig: 350 FT | Reason for Extra L Plant

OPERATOR: PLACID OIL COMPANY

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: D. R. Clark

Rig No.	Drill Pipe String No.	Drill Pipe String Size	Tool Joint O.D. Type Thd.
4 DWKS T 12			

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			
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

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.	
			Type		W.L.-C.C.	
	D.C. I.D. O.D.	Ft.	Nozzle No. / Size		FL TR. CK.	
					PH	
	Stb. Body O.D.	Ft.	Ser. No.		SD. Cont. %	
	Stb. Body O.D.	Ft.	Depth Out		Pressure Gradient	
	Rmr. Body O.D.	Ft.	Depth In			
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added: Type / Amt. / Type / Amt.	
	Bit or C.B.	Ft.	Total Hr. Run			
	Kelly Down	Ft.	Cond. of Bit			
	Total	Ft.	Reamer No.			
Wt. of String		Lbs.	Reamer Type			
Pipe in Hole		Jts.	MATERIAL CHARGED TO OPERATOR			
Pipe on Racks		Jts.				
Total Pipe on Lease		Jts.			Driller	

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8	5							RIGING UP

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.	
			Type		W.L.-C.C.	
	D.C. I.D. O.D.	Ft.	Nozzle No. / Size		FL TR. CK.	
					PH	
	Stb. Body O.D.	Ft.	Ser. No.		SD. Cont. %	
	Stb. Body O.D.	Ft.	Depth Out		Pressure Gradient	
	Rmr. Body O.D.	Ft.	Depth In			
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added: Type / Amt. / Type / Amt.	
	Bit or C.B.	Ft.	Total Hr. Run			
	Kelly Down	Ft.	Cond. of Bit			
	Total	Ft.	Reamer No.			
Wt. of String		Lbs.	Reamer Type			
Pipe in Hole		Jts.	MATERIAL CHARGED TO OPERATOR			
Pipe on Racks		Jts.				
Total Pipe on Lease		Jts.			Driller Mel Patton	

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8.	8							Rigging up

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.	
			Type		W.L.-C.C.	
	D.C. I.D. O.D.	Ft.	Nozzle No. / Size		FL TR. CK.	
					PH	
	Stb. Body O.D.	Ft.	Ser. No.		SD. Cont. %	
	Stb. Body O.D.	Ft.	Depth Out		Pressure Gradient	
	Rmr. Body O.D.	Ft.	Depth In			
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added: Type / Amt. / Type / Amt.	
	Bit or C.B.	Ft.	Total Hr. Run			
	Kelly Down	Ft.	Cond. of Bit			
	Total	Ft.	Reamer No.			
Wt. of String		Lbs.	Reamer Type			
Pipe in Hole		Jts.	MATERIAL CHARGED TO OPERATOR			
Pipe on Racks		Jts.				
Total Pipe on Lease		Jts.			Driller Bernie Hack	

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
								RIGGING UP

N° 1565

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease / Well Name: PLACID, UNDERCOAL KAKISA J-65

Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.

Date: JAN 18 1968

Weather Condition: COLD WINDY

Road Conditions: GOOD

Nearest Town: HAY RIVER

Water - Source: LAKE

Miles Hauled: 3

Pumped:

Camp Distance from Rig: 250 FT

Reason for Extra L. Plant

OPERATOR: PLACID OIL COMPANY

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O. A. Clark

Rig No. 4 DWKS T-12

Drill Pipe String No.	Size	Tool Joint Type Thd.	O.D.

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			
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

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.	
			Type		W.L.-C.C.	
	D.C. I.D. O.D.	Ft.	Nozzle No. / Size		FL TR. CK.	
					PH	
	Stb. Body O.D.	Ft.	Ser. No.		SD. Cont. %	
	Stb. Body O.D.	Ft.	Depth Out		Pressure Gradient	
	Rmr. Body O.D.	Ft.	Depth In			
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added: Type / Amt. / Type / Amt.	
	Bit or C.B.	Ft.	Total Hr. Run			
	Kelly Down	Ft.	Cond. of Bit			
	Total	Ft.	Reamer No.			
Wt. of String		Lbs.	Reamer Type			
Pipe in Hole		Jts.	MATERIAL CHARGED TO OPERATOR			
Pipe on Racks		Jts.				
Total Pipe on Lease		Jts.			Driller	

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

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.	
			Type		W.L.-C.C.	
	D.C. I.D. O.D.	Ft.	Nozzle No. / Size		FL TR. CK.	
					PH	
	Stb. Body O.D.	Ft.	Ser. No.		SD. Cont. %	
	Stb. Body O.D.	Ft.	Depth Out		Pressure Gradient	
	Rmr. Body O.D.	Ft.	Depth In			
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added: Type / Amt. / Type / Amt.	
	Bit or C.B.	Ft.	Total Hr. Run			
	Kelly Down	Ft.	Cond. of Bit			
	Total	Ft.	Reamer No.			
Wt. of String		Lbs.	Reamer Type			
Pipe in Hole		Jts.	MATERIAL CHARGED TO OPERATOR			
Pipe on Racks		Jts.				
Total Pipe on Lease		Jts.			Driller	

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	6:00	10						RIGGING UP.

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.	
			Type		W.L.-C.C.	
	D.C. I.D. O.D.	Ft.	Nozzle No. / Size		FL TR. CK.	
					PH	
	Stb. Body O.D.	Ft.	Ser. No.		SD. Cont. %	
	Stb. Body O.D.	Ft.	Depth Out		Pressure Gradient	
	Rmr. Body O.D.	Ft.	Depth In			
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added: Type / Amt. / Type / Amt.	
	Bit or C.B.	Ft.	Total Hr. Run			
	Kelly Down	Ft.	Cond. of Bit			
	Total	Ft.	Reamer No.			
Wt. of String		Lbs.	Reamer Type			
Pipe in Hole		Jts.	MATERIAL CHARGED TO OPERATOR			
Pipe on Racks		Jts.				
Total Pipe on Lease		Jts.			Driller	

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

№ 1564

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Lease / Well Name: PLACID KAKISA #1

Location — Lsd. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M.

Date: JAN 17 1968

Weather Condition: COLD | Road Conditions: GOOD | Nearest Town: HAY RIVER | Water - Source: LAKE | Miles Hauled: 3 | Pumped ____ | Camp Distance from Rig: 350 FT. | Reason for Extra L. Plant

OPERATOR: PLACID OIL CO

Rig No. 4 DWKS T-12

Drill Pipe String No.	Size	Tool Joint Type Thd.	O.D.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O.R. [illegible]

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			
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

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.			
			Type		W.L.-C.C.			
	D.C. I.D. O.D.	Ft.	Nozzle No. / Size		FL TR. CK.			
					PH			
	Stb. Body O.D.	Ft.	Ser. No.		SD. Cont. %			
	Stb. Body O.D.	Ft.	Depth Out		Pressure Gradient			
	Rmr. Body O.D.	Ft.	Depth In					
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added			
	Bit or C.B.	Ft.	Total Hr. Run		Type	Amt.	Type	Amt.
	Kelly Down	Ft.	Cond. of Bit					
	Total	Ft.	Reamer No.					
Wt. of String		Lbs.	Reamer Type					
Pipe in Hole		Jts.	MATERIAL CHARGED TO OPERATOR					
Pipe on Racks		Jts.						
Total Pipe on Lease		Jts.			Driller			

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

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.			
			Type		W.L.-C.C.			
	D.C. I.D. O.D.	Ft.	Nozzle No. / Size		FL TR. CK.			
					PH			
	Stb. Body O.D.	Ft.	Ser. No.		SD. Cont. %			
	Stb. Body O.D.	Ft.	Depth Out		Pressure Gradient			
	Rmr. Body O.D.	Ft.	Depth In					
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added			
	Bit or C.B.	Ft.	Total Hr. Run		Type	Amt.	Type	Amt.
	Kelly Down	Ft.	Cond. of Bit					
	Total	Ft.	Reamer No.					
Wt. of String		Lbs.	Reamer Type					
Pipe in Hole		Jts.	MATERIAL CHARGED TO OPERATOR					
Pipe on Racks		Jts.						
Total Pipe on Lease		Jts.			Driller			

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8.00	4.00	8						SETTING UP CAMP & RIGGING UNLOAD TRUCKS

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.			
			Type		W.L.-C.C.			
	D.C. I.D. O.D.	Ft.	Nozzle No. / Size		FL TR. CK.			
					PH			
	Stb. Body O.D.	Ft.	Ser. No.		SD. Cont. %			
	Stb. Body O.D.	Ft.	Depth Out		Pressure Gradient			
	Rmr. Body O.D.	Ft.	Depth In					
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added			
	Bit or C.B.	Ft.	Total Hr. Run		Type	Amt.	Type	Amt.
	Kelly Down	Ft.	Cond. of Bit					
	Total	Ft.	Reamer No.					
Wt. of String		Lbs.	Reamer Type					
Pipe in Hole		Jts.	MATERIAL CHARGED TO OPERATOR					
Pipe on Racks		Jts.						
Total Pipe on Lease		Jts.			Driller			

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	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

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4.00	6.00	2						SPOT MATTING & SUBSTRUCTURE

KAKISA J-65

Report No. HRB 51 AEHP 73

Report on a Devonian coral from Placid Chevron Kakisa J-65 well, District of Mackenzie submitted by H.R. Belyea. NTS 85C.

The relevant parts of any manuscript prepared for publication that paraphrase or quote from this report should be referred to the Paleontology Subdivision, Calgary, for possible revision.

Stratigraphy	Locality, Fauna & Age	GSC Loc. No.
Sulphur Point Fm.; 128' below top, 66' above base, at a depth of 2,589'	Placid Chevron Kakisa J-65, 60°44'42"N; 117°27'07"W. *Grypophyllum* sp. indet. age: Middle Devonian, Givetian	C-24150

Remarks

The specimen is incomplete, poorly preserved and so small that it is almost certainly juvenile. It may be *G. crickmayi* Pedder, which is known in the Sulphur Point Formation of N.W.T. Deep Bay No. 2 well (660' - 678' depth), but a definite identification is not possible. It does not seem to be *G. mackenziense* and is probably older than that species.

Alan Pedder

A.E.H. Pedder

Paleontology Subdivision
Institute of Sedimentary and Petroleum Geology
Calgary, April 13, 1973