PLACID CHEVRON

KARISA 1-71

60-30-117-30

Drilling Authority No. 295
Date Issued Jan. 24/68

WELL NAME Placid Chevron Kakisa L-71
FIELD ..... Area: .....
LOCATION: Unit L Section 71 Grid 60-50- 117-30
Latitude 60-40-41 Longitude 117-44-52
From Established Reference Marker .....

UWLR: 60.67806 N Lat 117.74777 W Long
UWI : 300L716050117300

Rig Release Date: 25/2/68
Status D. & A.
Information Release Date .....

CHANGE OF NAME:

| DATE RECEIVED | INDEX |
|---|---|
| 24 January 1968 | Application for a Drilling Authority. |
| Sept 26/68 | Well Completion Data. |
| | Well History Report. |
| | Application to Amend a Drilling Authority. |
| | Application to change a Well Name. |
| 7-3-68 | Application to Abandon a Well or Suspend Drilling. |
| | Application to Alter Condition of a Well. |
| | Well History Supplement. |
| | Well Completion Data. |
| | Work-over Report No. ..... |
| | Application to Commingle Production before Measurement. |
| | Data for Back Pressure Test on Natural Gas Wells — Monograph 7 Method. |
| | Data for Back Pressure Test on Natural Gas Wells — Vitter's Method. |
| | M.P.R. — Oil — Calculations. |
| | New Oil Well Report. |
| | New Gas Well Report. |
| | Well Inspection Report. |
| | Rig Inspection Report. |
| | Battery Inspection Report. |
| | Equipment Report. |
| | Well Card. |
| | New Service Well Report. |
| | Monthly Water Flood Operations Report |
| | Monthly Water Receipts and Disposal of Fluids Report |
| | Logs. Large scale ..... Small scale ..... |

NANR 52-90 (7-65)

Drilling Authority No. 295
Date Issued January 24, 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 L-71

Permit No. 3489 Lease No. -

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

Placid Oil Company (Operator) Exploratory Licence No. 1157

Location: Unit L Section 71 Grid 60°50', 117°30'

Latitude 60° 40' 41" Longitude 117° 44' 52"

From Established Reference Marker - Shot Point 320, Line 1

Universal Well Location Reference 60.67806°N. Lat., 117.74777°W. Long.

| | DATE | DEPTH |
|---|---|---|
| Spudded | 2/12/68 | |
| Suspended | | |
| Resumed Operations | | |
| Finished Drilling | 2/23/68 | 3087 |
| Deepened | | |
| Complete (gas/oil) | | |
| Abandoned | 2/25/68 | 3087 |
| Rig released | 2/25/68 | 3087 |

Pool(s) -

Interval(s) open to production -

Elevation: Gr. 895 K.B. 907

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# | 114 | 113 | 105 + 4% CaCl |
| 2. | | | | | |
| 3. | | | | | |
| 4. | | | | | |
| 5. | | | | | |
| 6. | | | | | |

| GEOLOGICAL TOPS | ELEVATION Depths | ELEVATION Sub-Sea |
|---|---|---|
| Hay River Shale | 1544 | - 637 |
| Slave Point | 2627 | -1720 |
| Watt Mountain | 2797 | -1890 |
| Sulphur Point | 2813 | -1906 |
| Middle Devonian Dolomite | 2908 | -2001 |
| Granite Wash | 3056 | -2149 |
| Pre-Cambrian | 3065 | -2158 |

CORE RECORD

| From | To | Rec. | From | To | Rec. |
|---|---|---|---|---|---|
| No Cores | | | | | |

LOG RECORD

| Run No. | Type of Log | From | To |
|---|---|---|---|
| 1 | Dual Induction LL | 3085 | 113 |
| 1 | GR-Sonic-Caliper | 3087 | 112 |

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

| CEMENTING RECORD (Plug, Squeeze, etc.) | | | |
|---|---|---|---|
| Date | From | To | Remarks |
| 2/25/68 | 3087 | 2571 | 220 sks cement |
| 2/25/68 | 163 | 60 | 60 sks cement + 4% CaCl |
| | | | Fell at 57' |
| 2/25/68 | Surface | | 5 sacks 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 | 2/23/68 | Granite Wash | 3056 | 3087 | 30 | 30 | 30 | 44 | 18 | 17 | 15 | 1511 | 1488 | No recovery |
| 2 | 2/24/68 | Keg River Reef | 2908 | 3087 | 60 | - | 30 | - | 1292 | 1257 | 1287 | 1416 | 1405 | Rec. 800' contaminated drilling mud<br>500' black, sulphurous, contaminated, salty mud |

ANALYSIS

| Lab. No. | Sample | From | To | Source | Remarks |
|---|---|---|---|---|---|
| | | | | | |

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.

File No.
Drilling Authority No. 295

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 Chevron Kakisa L-71

Location: Unit: L Section: 71 Grid: 60°50', 117°30'

Latitude: 60° 40' 41" Longitude: 117° 44' 52"

From Established Reference Marker:

Universal Well Location Reference: 60.67806°N. Lat. 117.74777° W. Long.

Permit No. 3489 Lease No. -

Chevron Standard Limited
(Permittee, Licensee, Lessee)

Date of commencement of proposed program: February 24, 1968

OIL, GAS, AND WATER ENCOUNTERED
(Depths)

Oil at: None
Gas at: None
Water at: None
Total Depth: 3087 Date of last operations: February 24, 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# | 114 | 113 | 105 + 4% CaCl | None |
| 2. | | | | | |
| 3. | | | | | |
| 4. | | | | | |
| 5. | | | | | |

PROPOSED ABANDONMENT PROGRAM

| Plug No. | Plug Position | Geological Formation | Number of Sacks of Cement | Remarks |
|---|---|---|---|---|
| 1 | 2840-3087 | M. Devonian-PreCambrian | | |
| 2 | 66- 166 | Surface casing | | feel after 8 hours |

The following logs have been run: Dual Induction Laterolog, Gamma Ray Sonic Caliper
Other operations proposed: None

Operations to be carried out by: Guthrie McLaren Contractor Licence No. 18295
Address: Address:
Responsible Agent in field: Jack Rosichuk
Dated at: Calgary, this 26th Day of February, 19 68
Signed by: 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. B.E.J. Thoms on the 23rd of February 1968.
Proposed abandonment program is to include a surface plug in compliance with sub-Sections 5 & 6 of Section 15 of the Canada Oil & Gas Drilling & Production Regulations

Dated: 7th March, 19 68

Oil Conservation Engineer

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

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

Drilling Authority No. 295

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 Chevron Kakisa L-71

Location: Unit: L Section: 71 Grid: 60°50', 117°30'

Latitude: 60°40' 41" Longitude: 117° 44' 52"

From Established Reference Marker: -

Universal Well Location Reference: 60.67806° N. Lat., 117.74777° W. Long.

Elevation: Ground: 895 K.B. 907 feet above sea-level.

Well is expected to produce from: Middle Devonian formation at a depth of about: 2500 feet. Expected total final depth: 3200

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

Permit No. 3489 Lease No. - Acreage: 31,324

Permittee, licensee, or lessee: Chevron Standard Limited

Exploratory Licence No. 1055

Surface owned by Crown or: Crown (If diesated 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)

Responsible agent of applicant:— Contractor's Business Licence No. 18295

At well: Jack Rosichuk At registered office: T. J. Harp

Address: At Rig Address: 860 Guinness House, Calgary

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

Dated at Calgary, this 23rd day of January, 19 68

Signed by: [signature] Company: Placid Oil Company

Title: Production Superintendent 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 24th January 19 68 [signature] 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: 300L716050117300

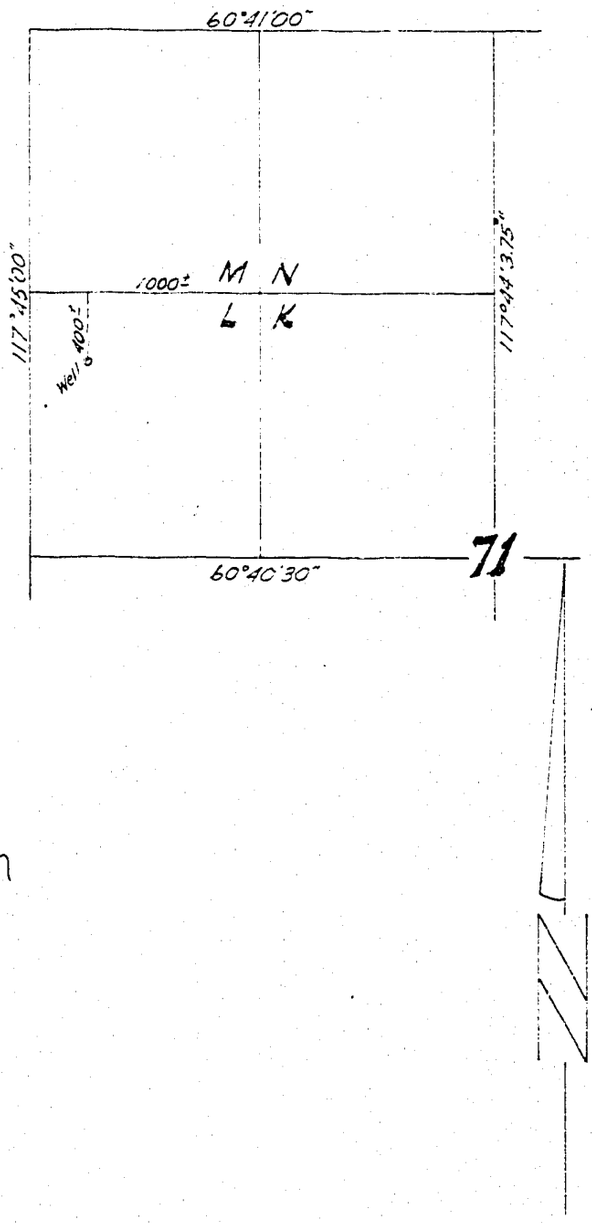
PRELIMINARY PLAN

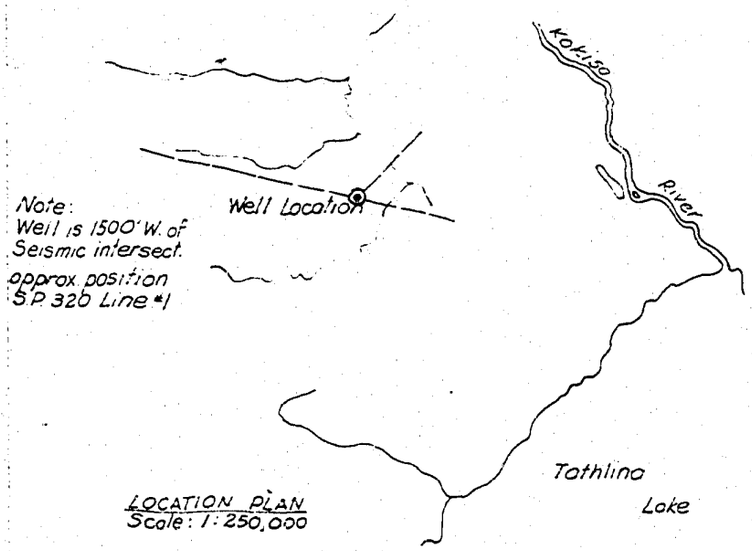
# PLACID CHEVRON KAKISA L-71

## Unit L Section 71 Grid Area 60°50'; 117°30'

## Latitude 60°40'41" Longitude 117°44'52"

## NORTH WEST TERRITORIES




Note:
Well is 1500' W. of Seismic intersect.
approx. position S.P. 32b Line #1

LOCATION PLAN
Scale: 1:250,000

I certify that this plan is correct to the best of my knowledge and was completed on the 17th day of January, 1968.

Dominion and Alberta Land Surveyor

Witness

MIDWEST SURVEYS CO. LTD.

PLACID OIL COMPANY

**ELEVATION:** 895' estimated ground.

**CO-ORDS:** Well is located 400± S. 1000± W. of N.E. cor. Unit L, Sec. 71

Scale: 1000' to 1"
Triangulation Station: △
Well Location: ◉
Survey monuments found shown thus: •
" " planted " " : ○
Portions referred to outlined:
Distances are in feet and decimals:

MIDWEST SURVEYS SURVEYING ENGINEERING

C-43-68

PLACID CHEVRON KAKISA L-71

PLACID CHEVRON KAKISA L-71
L-71, 60°50'N. 117°30'W

GEOLOGICAL & EVALUATION
Resource Management Division
MAY 24 1968
OTTAWA, CANADA
Dept. of Indian Affairs & Northern Development

PROFESSIONAL GEOLOGIST ALBERTA
ROBERT L. TEDRICK

March 25, 1968

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

R. L. Tedrick P. Geol.

CONTENTS


| | Page |
|---|---|
| Section I - Summary of Well Data | 1 |
| Section II - Geological Summary | 2 |
| (a) Formation Tops | 2 |
| (b) Cored Intervals | 2 |
| (c) Core Descriptions | 2 |
| (d) Sample Description | 2 |
| Section III - Engineering Summary | 7 |
| (a) Drill Stem Tests | 7 |
| (b) Casing Record | 8 |
| (c) Bit Record | 8 |
| (d) Mud Additives | 8 |
| (e) Deviation Record | 8 |
| (f) Abandonment Plugs | 8 |
| Section IV - Logs | 9 |
| Section V - Analyses | 9 |
| Section VI - Completion Summary | 9 |
| (a) Cementation Record | 9 |

## Section I - Summary of Well Data

(a) Well Name and Number - Placid Chevron Kakisa L-71

(b) Permittee - Chevron Standard Limited

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

(d) Location - L-71, 60°50'N.: 117°30'W.
60°40'41"N.: 117°44'52"W.

(e) Permit - 3489

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

(g) Drilling Authority - 295

(h) Classification - New field wildcat

(i) Elevations - Ground 895, Kelly Bushing 907

(j) Spudded - 10:30 p.m. February 12, 1968.

(k) Completed Drilling - 2:15 a.m. February 23, 1968.

(l) Total Depth - 3087

(m) Status - Drilled and abandoned

(n) Rig Released - February 25, 1968, 11:59 p.m.

(o) Hole Size - 0' - 113' : 12 1/4"
113' - 3087' : 7 7/8"

(p) Casing - 114 feet of 8 5/8", 24 pound, J-55, STC casing @ 113' with 105 sacks cement + 4% $CaCl_2$

(q) Universal Well Location Reference - Lat. 60.76806° N.
Long. 117.74777° W.

(r) Unique Well Identifier - 300L716050117300

## Section II - Geological Summary

### (a) Formation Tops

| | Sample Top | E-log Top | Subsea |
|---|---|---|---|
| Devonian | | | |
| Trout River | Surface | | + 907 |
| Hay River Shale | 1540 | 1544 | - 637 |
| Slave Point | 2605 | 2627 | -1720 |
| Watt Mountain | 2800 | 2797 | -1890 |
| Sulphur Point | 2815 | 2813 | -1907 |
| Middle Devonian Dolomite | 2895 | 2908 | -2001 |
| Granite Wash | 3055 | 3056 | -2149 |
| Precambrian | 3065 | 3065 | -2158 |

### (b) Cored Intervals

No cores cut.

### (c) Core Descriptions

Nil

### (d) Sample Description

Spudded in Devonian Trout River Limestone

0-25 Gravel and Shale, light gray, slightly micaceous, with Siltstone, light brown, slightly calcareous.

25-40 Limestone, light brown, 30% ostracodes, 30% oolites, 10% brachiopod and gastropod fragments. 20% micrite and 10% sparry calcite with occasional calcispheres and calcareous rods, scattered pyrite crystals.

40-100 Limestone, as above with Limestone, light brown, microcrystalline, dense. At 80' trace of large atrypid brachiopods and less than 5% vugs, with 10% argillaceous material and biotite.

100-150 Limestone, as above with Limestone, light brown, very fine crystalline, 10% silt, 5-10% argillaceous material, with less than 5% loose, large, clear calcite crystals at 120'.

150-180 Limestone, light brown, 40% very fine to fine intraclasts, 5-10% ostracodes and brachiopod fragments, 50% micrite with Siltstone, light brown, very slightly calcareous, with Limestone, white, microcrystalline, trace of gastropod fragments.

180-210 Limestone, light to medium brown, 30% ostracode and brachiopod fragments, 5-10% gastrapod fragments, 50% micrite, 10% sparry calcite with Limestone, light brown, 70% fine intraclasts, 30% micrite, occasional argillaceous stringers.

210-290 Limestone, light brown, microcrystalline, dense, with Limestone, light brown, 70% fine intraclasts, 30% micrite, rare brachiopod fragments, with Limestone, light brown, 40-50% organic fragments, 40% micrite, 5-10% silt grains and 5-10% argillaceous material.

290-420 Siltstone, medium gray, non-calcareous, micaceous less than 10% argillaceous material. At 330', scattered sand grains with minor Sandstone, medium brown, fine grained, rounded, 30% argillaceous material. At 410', occasional Limestone, light brown, microcrystalline, with less than 10% organic material.

420-470 Limestone, light brown, 80% fine intraclasts, 15-20% micrite, 5-10% sparry calcite, dense.

470-510 Limestone, as above with Limestone, white, microcrystalline, dense, with rare brachiopod fragments.

510-560 Limestone, light brown, 10-20% organic fragments, recognizable brachiopods and ostracodes, 80% micrite, with Sandstone, white to light gray, 40% calcareous cement, 5% muscovite, with abundant clear, calcite crystals, no visible porosity.

560-730 Limestone, light brown, 60-75% very fine intraclasts, 5-10% organic fragments, 5-10% micrite, trace of pyrite. At 700', occasional Siltstone, light gray, non-calcareous, argillaceous, micaceous.

730-930 Limestone, light brown, 40-50% very fine intraclasts, 10-20% brachiopods, gastropods, ostracodes, crinoids, algae?, 30% micrite, with Limestone, light brown, microcrystalline, dense and occasional beds of Siltstone, light gray, very slightly calcareous, micaceous.

930-1010 Limestone, light gray, microcrystalline, less than 10% argillaceous material, dense with Sandstone, medium gray, very fine grained, less than 10% argillaceous material, 10% calcareous cement, with rare Shale, light gray, slightly calcareous, micaceous.

1010-1080 Siltstone, light gray, very calcareous, slightly argillaceous, micaceous, with Sandstone, light gray, very fine grained, slightly calcareous, slightly argillaceous, micaceous and with Shale, light gray, calcareous, micaceous and rare Limestone, light gray, microcrystalline, dense. Shale becomes 50% of sample at 1060'.

1080-1090 Shale, dark green, very slightly calcareous.

1090-1130 Shale, medium gray, slightly calcareous, with Limestone, light gray-brown, microcrystalline. dense and with Siltstone, light gray, non-calcareous, slightly argillaceous, micaceous.

1130-1170 Limestone, light gray-brown, microcrystalline, slightly argillaceous, slightly silty, dense with Sandstone, white to light gray, fine grained, angular, poor sorting, argillaceous in part, trace of pyrite and muscovite. At 1160', rare Shale, dark gray-green, non-calcareous.

1170-1210 Sandstone, light gray, very fine to fine grained, angular, poor sorting, slightly calcareous, slightly argillaceous, micaceous, tight, with Limestone, light brown, microcrystalline, rare brachiopod?, less than 5% white chert fragments.

1210-1270 Limestone, light brown, mottled white in part, microcrystalline with scattered pockets of fine intraclasts, less than 10% organic fragments, mainly brachiopods and crinoids with Siltstone, light gray, slightly calcareous, occasionally arenitic. At 1260', Sandstone, medium gray, fine grained, angular, poor sorting, silty, argillaceous, micaceous.

1270-1290 Siltstone and Sandstone as above with Limestone, light gray, microcrystalline, argillaceous, rare pyrite crystals, ostracodes and brachiopods, with Shale, light gray, micaceous.

1290-1460 Limestone, as above with Siltstone, medium gray, arenaceous in part, argillaceous and Shale, as above. From 1370' abundant crinoid stems, bryozoa? fragments and Tentaculites.

Devonian Hay River Formation

1460-1540 Limestone, light brown, microcrystalline, earthy in part, less than 10% crinoid and brachiopod fragments with Shale, dark gray-green. At 1490', Sandstone, white to light gray, very fine grained, sub-angular, poor sorting, slightly calcareous, silty, argillaceous and with Siltstone, light gray, argillaceous, slightly calcareous.

1540-1750 Limestone, light gray, microcrystalline, very argillaceous, with Shale, light green, calcareous, micaceous. At 1620', Sandstone, light gray, very fine grained, angular, poor rounding, argillaceous, slightly calcareous, micaceous.

1750-1810 Limestone and Shale as above.

1810-2000 Shale, light gray, slightly calcareous, micaceous, silty in part with rare Shale, medium to dark gray, micaceous, carbonaceous. At 1860', Siltstone, light gray, slightly calcareous, arenaceous, micaceous, with rare Limestone, medium gray, microcrystalline, argillaceous, silty.

2000-2050 Shale, dark green, calcareous with Shale, light gray, slightly calcareous, micaceous, with Limestone, light gray, microcrystalline, up to 50% argillaceous material.

2050-2190 Shale, dark green as above with Limestone, medium brown, microcrystalline, scattered pyrite.

2190-2440 Shale, dark green, slightly calcareous, 5-10% carbonaceous material, with Shale, light gray, micaceous. At 2280', green shale has rare intercalations of calcareous material.

2440-2555 Shale, as above with rare Siltstone, light gray, slightly calcareous.

2555-2575 Shale, dark green to black, very slightly calcareous, blocky, micaceous, with Shale, dark brown, slightly calcareous, micaceous.

2575-2605 Shale, as above with Shale, light gray-green, slightly waxy, with Limestone, light brown, microcrystalline, dense, chalky in part.

Devonian Slave Point Formation

2605-2625 Limestone, light brown, 75% micrite with 5% unrecognizable organic debris, 15% brachiopod and crinoid fragments, 5% pyrite and argillaceous material.

2625-2640 Limestone, light brown, 50% Amphipora, 20% micrite, 20% fine intraclasts, up to 10% argillaceous material and pyrite, fair vug porosity.

2640-2750 Limestone, as above with patchy dead oil stain, no cut and with Limestone, mottled light and medium brown, 75% very fine intraclasts, 15% micrite, 5% sparry calcite, 5% brachiopod fragments, dense. At 2680', rare pyrobitumen and stylolites, and lime becomes earthy in part.

2750-2780 Limestone, medium brown, 30-40% fine intraclasts, 5-10% oolites, 50% micrite, dense.

2780-2785 Limestone, light gray brown, 30% oolites and fine intraclasts, 65% micrite, 5% pyrite.

2785-2800 Limestone, as at 2750.

Devonian Watt Mountain Formation

2800-2815 Shale, light gray, slightly calcareous, micaceous, with Limestone, light gray, microcrystalline, earthy.

Devonian Sulphur Point Formation

2815-2825 Dolomite, light gray to white, microcrystalline, earthy in part, calcareous in part.

2825-2850 Limestone, light gray, microcrystalline, fine intraclastic in part, earthy, with Limestone, light brown, microcrystalline, dense.

2850-2870 Limestone, mottled light brown and medium brown, 40% very fine intraclasts, 50% micrite, 10% sparry calcite, dense.

2870-2895 Limestone, medium to dark brown, microcrystalline, sucrosic in part, tight, trace of pyrobitumen with Limestone, white, microcrystalline, dolomitic in part, sucrosic, with up to 5% loose, large white dolomite crystals.

Middle Devonian Dolomite

2895-2920 Dolomite, light brown, micro to very fine crystalline, trace of pin-point vug porosity. Rare vugs filled with drusy dolomite crystals. At 2915', less than 5% poor intercrystalline porosity.

2920-2940 Dolomite, medium to light brown, micro to very fine crystalline, rare vug porosity less than 5% with Dolomite, light brown, microcrystalline, with rare sucrosic patches with poor to fair intercrystalline porosity.

2940-3000 Dolomite, dark brown, very fine crystalline, rare patches of intercrystalline porosity. At 2955', with Dolomite, light brown, very fine crystalline, rare patches of sucrosic intercrystalline porosity, less than 5% pyrite. At 2970', there is 5-10% intercrystalline porosity.

3000-3055 Dolomite, light gray to gray-brown, very fine crystalline with occasional Dolomite, light brown, very fine crystalline, less than 10% vug porosity.

"Granite Wash"

3055-3065 Sandstone, medium gray to gray-blue, medium to coarse grained, angular, poor sorting, up to 5% medium grained dolomite fragments, up to 10% dolomite cement, 5% pyrite, tight.

Precambrian

3065-3087 Granite - 75% quartz, 10% feldspar, 5-10% biotite, 5-10% hornblende. (Quartz diorite?)

## Section III - Engineering Summary

### (a) Drill Stem Tests

Field readings are given for drill stem test figures.

Drillstem Test No. 1 3056-3087 "Granite Wash"
Bottom hole test with dual uphole packers.
Preflow 5 min. No air blow.
Initial Shut In - 30 min. Valve Open - 30 min.
Final Shut In - 30 min.

No recovery.

| | | |
|---|---|---|
| I.H.P. - 1476 | I.S.I. - 28 | I.F. - 14 |
| F.H.P. - 1469 | F.S.I. - 14 | F.F. - 14 |

Field readings are given for drill stem test figures.

Drillstem Test No. 2 2906-3087 Middle Devonian
Bottom hole test with dual uphole packers.
Preflow 3 min. Strong air blow decreasing to end of test..
Initial Shut In - Tool failed. Valve Open - 60 min.
Final Shut In - 30 min.
Recovered 800' of drilling fluid and 500' heavy, black, sulphurous, salt water contaminated drilling fluid.

| | | |
|---|---|---|
| I.H.P. - 1411 | I.S.I. - not recorded | I.F. - 1186 |
| F.H.P. - 1401 | F.S.I. - 1302 | F.F. - 1281 |

(b) Casing

Four joints - 114' of 8 5/8", 24#, J-55
Landed at 113' and cemented with 105 sacks of normal construction cement plus 4% $CaCl_2$. Plug down at 8:00 a.m. with 850 P.S.I. Two barrels of returns to surface.

(c) Bit Record

| Bit No. | Size | Make | Footage | Hours |
|---|---|---|---|---|
| 1A | 8¾ | MHC | 113 | 16 |
| 2A | 12¼ | SC | 113 | 16 |
| 1 | 7 7/8 | X1G-J | 1024 | 31½ |
| 2 | 7 7/8 | X1G-J | 628 | 19½ |
| 3 | 7 7/8 | X3A-J | 843 | 24½ |
| 4 | 7 7/8 | OWV-J | 210 | 16½ |
| 5 | 7 7/8 | M4NG-J | 162 | 14½ |
| 6 | 7 7/8 | X55-R-J | 107 | 16½ |

(d) Mud Additives

| | |
|---|---|
| Gel - - | 24,000 lbs. |
| Caustic - - | 475 lbs. |
| Peltex - - | 600 lbs. |
| CMC - - | 100 lbs. |
| Bicarbonate - | 200 lbs. |

(e) Deviation Record

| Feet | Degrees |
|---|---|
| 113 | ¾ |
| 1137 | ½ |
| 1765 | 3 |
| 2608 | 2 3/8 |
| 2818 | 1 7/8 |

(f) Abandonment Plugs

Plug No. 1 3087-2571 with 220 sacks normal construction cement. Plug down 9:00 a.m., February 25, 1968.

Plug No. 2 163-60 with 60 sacks normal construction cement plus 4% $CaCl_2$. Plug down at 12:15 p.m., February 25, 1968. Fell at 57'

Plug No. 3 Surface with 5 sacks normal construction cement.

Section IV - Logs

February 23, 1968 Dual Induction - Laterolog
2" and 5" scales 113'-3085'
Sonic-Gamma Ray-Caliper
2" and 5" scales 112'-3087'

Section V - Analyses

Section VI - Completion Summary

(a) Cementation Record

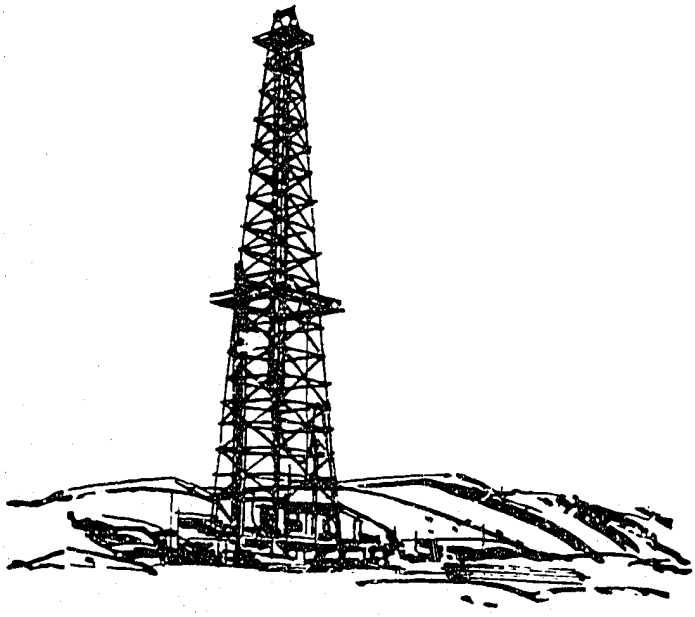
Plug No. 1 3087-2571 (Precambrian to Slave Point)
Plug No. 2 163- 60 (Trout River) Fell at 57'
Plug No. 3 Surface

Placid Oil Company | PLACID CHEVRON KAKISKA L-71 60-50-117-30-W5 | 2 | February 24, 1963

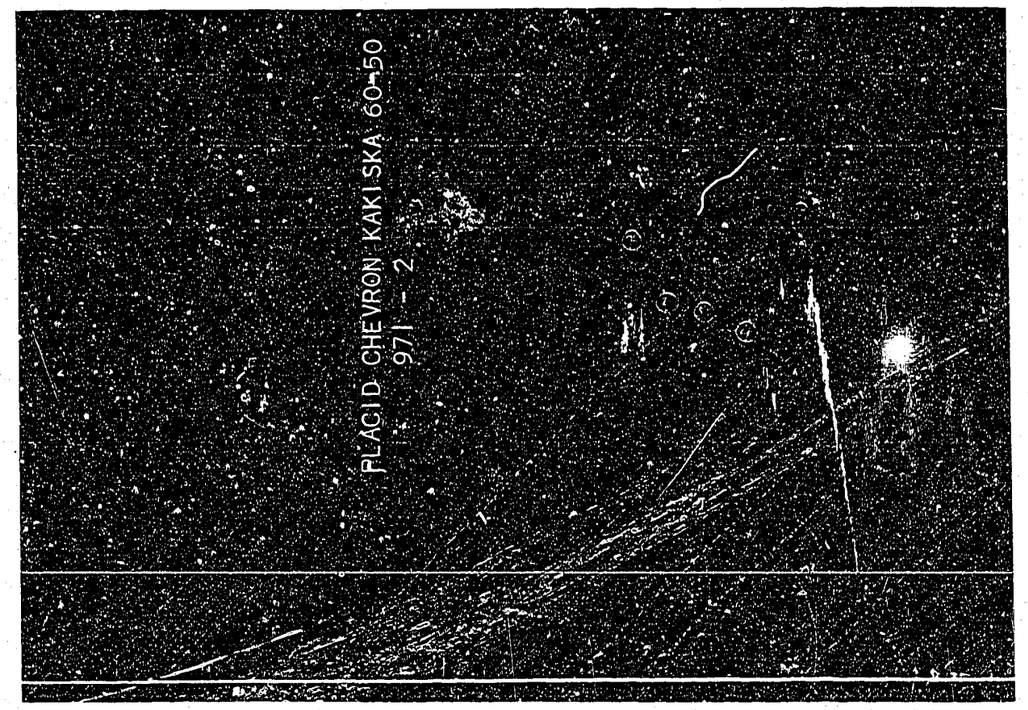
LYNES

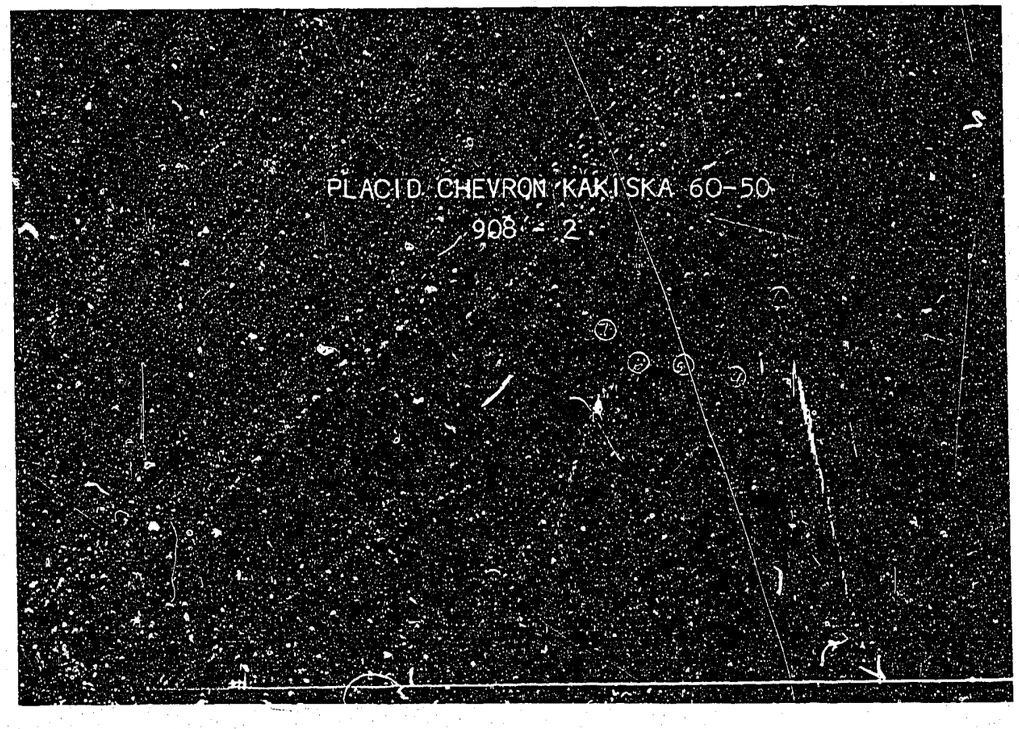
BRIGHT NAME IN THE OIL PATCH

Inflatable Sealing Element Packers



# Formation Testing Service Report




| TEST DATA | | | |
|---|---|---|---|
| Test No. 2 | Lynes Test No. 2 | | |
| Formation Keg River Reef | T.D. 3087 Ft. | | |
| Interval Tested 2908 | Ft. to 3087 Ft. | | |
| Feet of Net Pay Tested 119 Ft. | | | |
| Type of Test Bottom Hole | | | |
| Cushion – | Amount – Ft. | | |
| Started in Hole at 1000 | Hrs. Tool Open at 1220 Hrs. | | |
| Pre-flow 3 | Mins. Initial Shut-in – Mins. | | |
| Final Flow 60 | Mins. Final Shut-in 30 Mins. | | |
| Remarks | | | |
| Blow Good initial air blow slowly decreasing until end of test. | | | |
| GAS BLOW MEASUREMENTS | | | |
| Measured with | | | |
| Time | Surface Choke | Reading - Inches | Cubic Feet/Day |

| RECOVERY | |
|---|---|
| TOTAL FLUID RECOVERED 1300 Ft. Consisting of: | |
| 800 Ft. of contaminated drilling mud | |
| 500 Ft. of black, sulphurous, contaminated, | |
| Ft. of salty mud | |
| 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 KAKISKA |
| Well Number | L-71 60-50-117-30-W6 |
| K.B. Elevation | |
| Area | Hay Lake Province N. W. T. |
| Company Rep. | S. Rosichuk |
| Tester | J. Hoedl |
| Contractor | Guthrie-McLaren Rig No. 4 |
| Ticket No. | 4736 Date February 24, 1968 |
| Service Reports To | 7 - Above |

| MUD AND HOLE DATA | |
|---|---|
| Mud Type | Gel Chemical |
| Weight | 9.6 Viscosity 116 Water Loss 7 |
| Filter Cake | 2/32" Bottom Hole Temperature 100 |
| Drill Pipe Size | 4 1/2" FH Weight |
| Drill Collars | 4 1/2" H90 I.D. 2 7/8" Feet Run 331.50 |
| Main Hole or Casing Size | 7 7/8" |
| Rathole or Liner Size | – No. of Feet – |
| Bottom Hole Choke Size | 1/2" |
| Surface Choke Size | 3/4" |
| Packer Rubber Size | 7" |

REMARKS Test successful. Evidently we experienced plugging on this test. We failed to get enough of an initial draw down to take an initial shut-in pressure. The final flow pressure of 1293 could not be substantiated by the 1300 feet of fluid recovery, hence varifying the plugging problem. The somewhat different appearance between charts would be caused by the different positioning in the tool.

| PRESSURE READINGS | Inside X | Outside | Inside | Outside X | Inside | Outside | Inside | Outside |
|---|---|---|---|---|---|---|---|---|
| Recorder No. | | 971 | | 908 | | | | |
| Capacity | | 2950 | | 3700 | | | | |
| Depth | | 2892 | | 2929 | | | | |

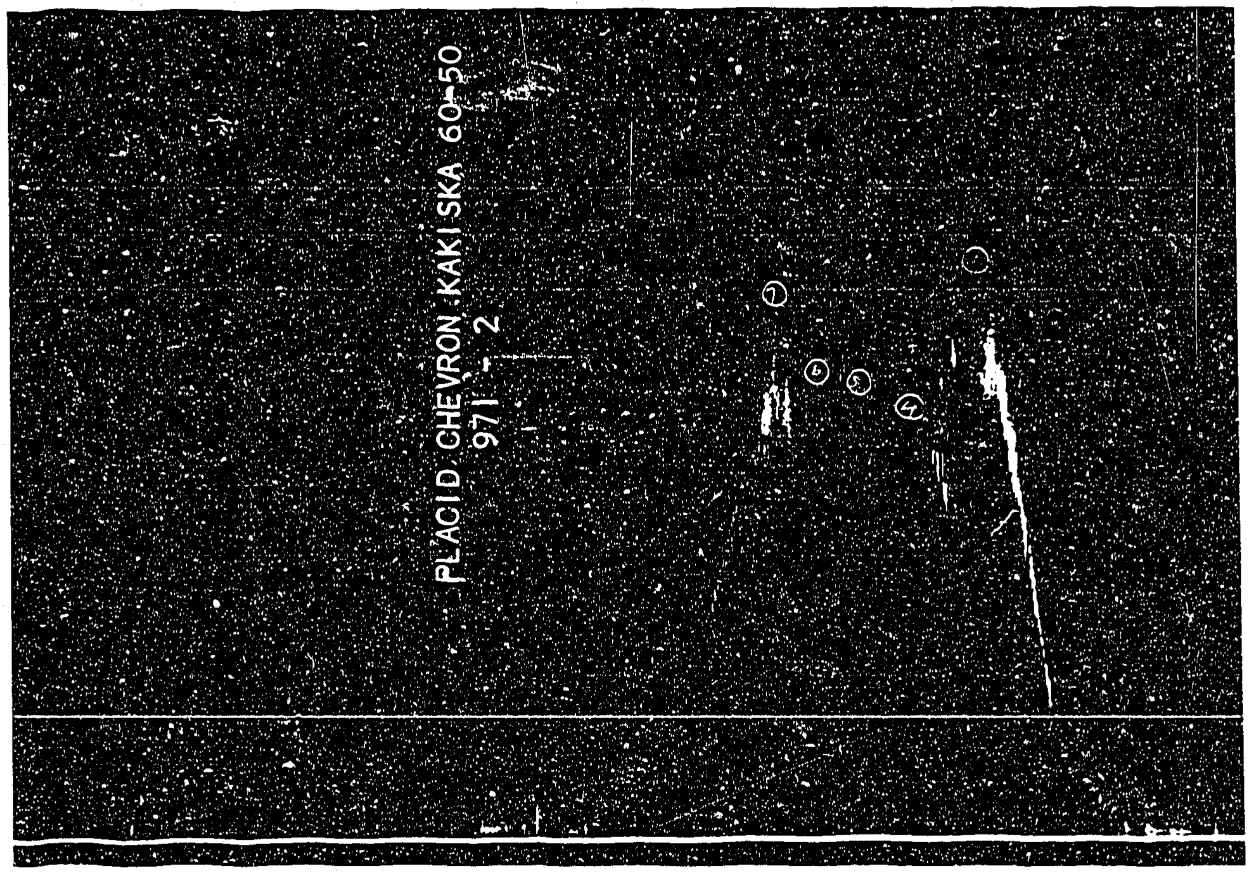
| | | | | |
|---|---|---|---|---|
| 1. INITIAL HYDROSTATIC | 1401 | 1416 | | |
| 2. PRE-FLOW | – | – | | |
| 3. INITIAL SHUT-IN | – | – | | |
| 4. INITIAL FLOW | 1174 | 1257 | | |
| 5. FINAL FLOW | 1293 | 1287 | | |
| 6. FINAL SHUT-IN | 1288 | 1292 | | |
| 7. FINAL HYDROSTATIC | 1390 | 1405 | | |

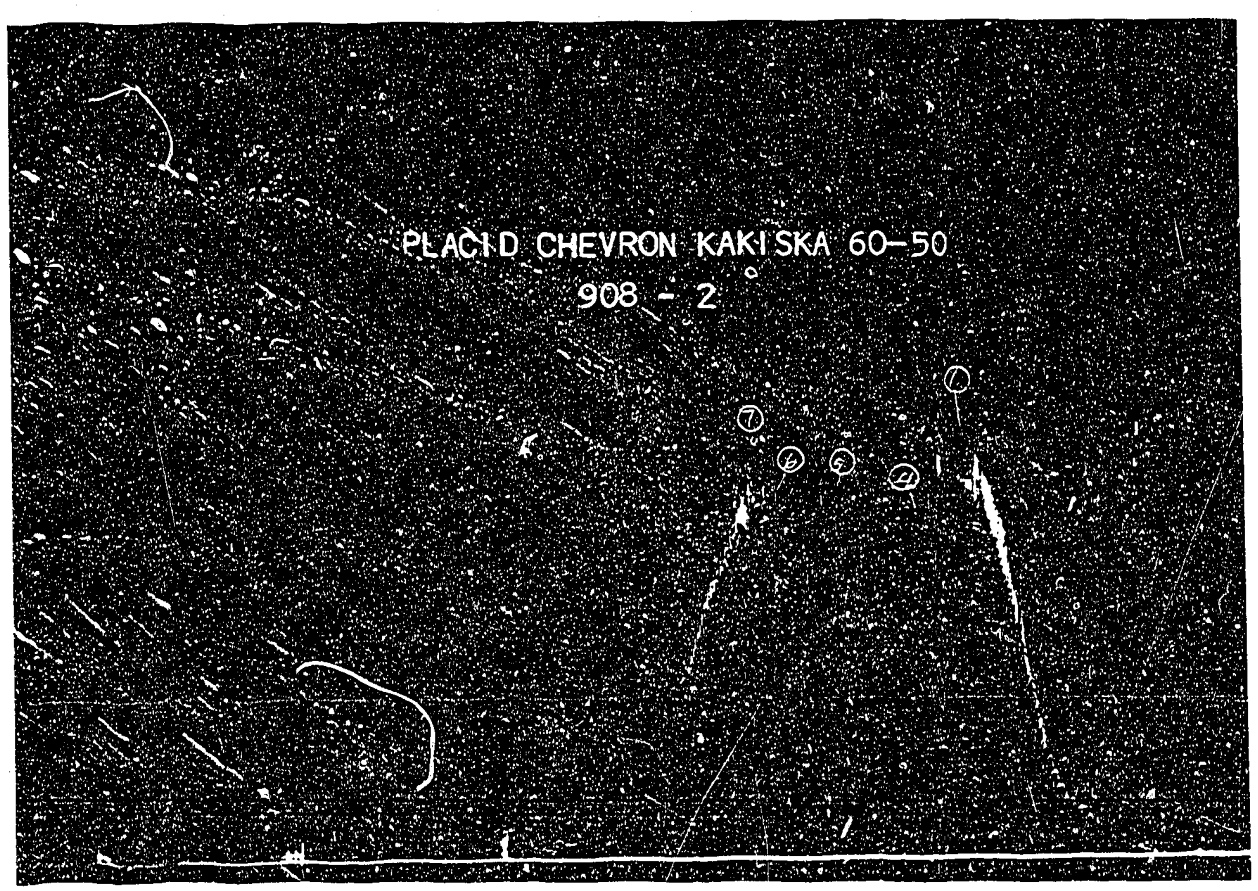
Company: Placid Oil Company

Well Name and Description: PLACID CHEVRON KAKISKA L-71 60-50-117-30-W6

Test No.: 2

Date of Test: February 24, 1968




**TEST DATA** Test No. [illegible] Lynes Test No. [illegible]

| | |
|---|---|
| Formation | [illegible] Reef — T.D. [illegible] Ft. |
| Interval Tested | [illegible] Ft. to [illegible] Ft. |
| Feet of Net Pay Tested | [illegible] Ft. |
| Type of Test | Bottom Hole |
| Cushion | – Amount – Ft. |
| Started in Hole at | [illegible] Hrs. Tool Open at [illegible] Hrs. |
| Pre-flow | [illegible] Mins. Initial Shut-in – Mins. |
| Final Flow | [illegible] Mins. Final Shut-in [illegible] Mins. |
| Remarks | |
| Blow | Good initial air flow [illegible] until end of test. |

**GENERAL INFORMATION**

| | |
|---|---|
| Company | [illegible] |
| Address | [illegible] Calgary, Alberta |
| Well Name | [illegible] |
| Well Number | [illegible] |
| K.B. Elevation | |
| Area | [illegible] Province [illegible] |
| Company Rep. | [illegible] |
| Tester | [illegible] |
| Contractor | [illegible] Rig No. [illegible] |
| Ticket No. | [illegible] Date [illegible] |
| Service Reports To | [illegible] |

**MUD AND HOLE DATA**

| | |
|---|---|
| Mud Type | [illegible] |
| Weight | [illegible] Viscosity [illegible] Water Loss [illegible] |
| Filter Cake | [illegible]" Bottom Hole Temperature [illegible] |
| Drill Pipe Size | [illegible] Weight [illegible] |
| Drill Collars | [illegible] I.D. [illegible] Feet Run [illegible] |
| Main Hole or Casing Size | [illegible] |
| Rathole or Liner Size | – No. of Feet – |
| Bottom Hole Choke Size | [illegible]" |
| Surface Choke Size | [illegible]" |
| Packer Rubber Size | [illegible]" |

**REMARKS** Test successful. [illegible] experienced plugging on this test. [illegible] failed to get enough of an initial draw [illegible] to take an initial shut-in pressure. The final flow pressure [illegible] substantiated by the [illegible] fluid recovery, hence drilling [illegible] plugging [illegible] problem. The [illegible] different [illegible] between [illegible] caused [illegible] the different positioning in the tool.

**GAS BLOW MEASUREMENTS**

Measured with

| Time | Surface Choke | Reading - Inches | Cubic Feet/Day |
|---|---|---|---|

**RECOVERY**

TOTAL FLUID RECOVERED [illegible] Ft. Consisting of:

[illegible] Ft. of contaminated drilling mud

[illegible] Ft. of black, sulphurous, contaminated,

Ft. of salty mud

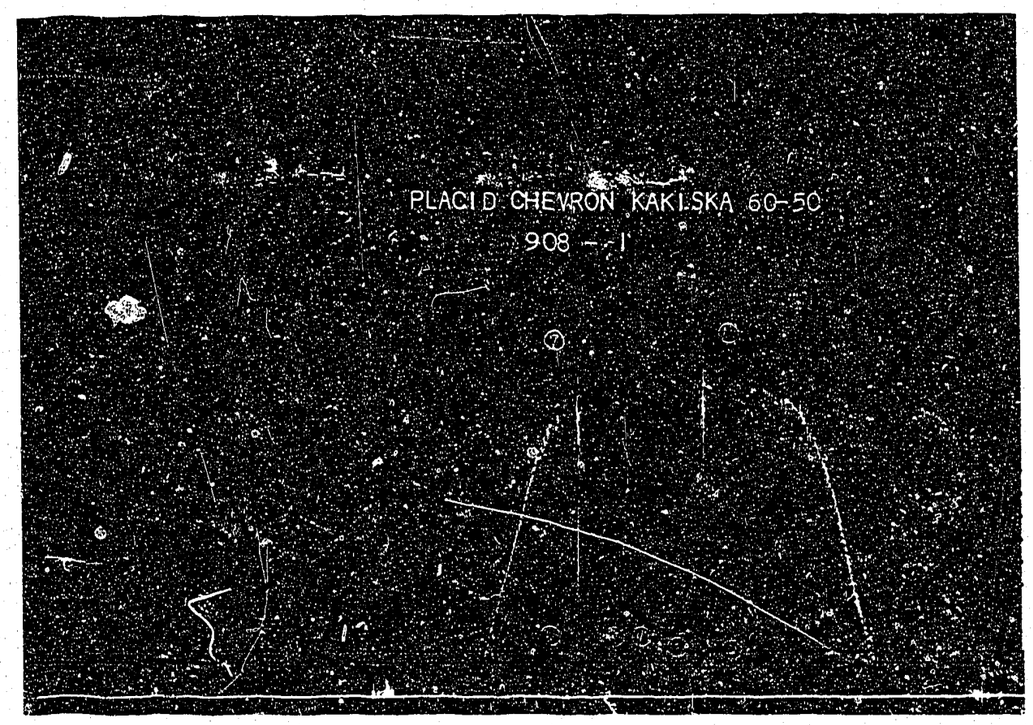
Ft. of

Test was/was not Reverse Circulated

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

**PRESSURE READINGS**

| | Inside X Outside | Inside Outside | Inside Outside | Inside Outside |
|---|---|---|---|---|
| Recorder No. | [illegible] | [illegible] | | |
| Capacity | [illegible] | [illegible] | | |
| Depth | 2592 | [illegible] | | |
| 1. INITIAL HYDROSTATIC | 1401 | [illegible] | | |
| 2. PRE-FLOW | – | – | | |
| 3. INITIAL SHUT-IN | – | – | | |
| 4. INITIAL FLOW | 1174 | [illegible] | | |
| 5. FINAL FLOW | 1293 | [illegible] | | |
| 6. FINAL SHUT-IN | 1268 | [illegible] | | |
| 7. FINAL HYDROSTATIC | 1390 | [illegible] | | |




| TEST DATA | | | |
|---|---|---|---|
| Test No. 1 | Lynes Test No. 1 | | |
| Formation Granite Wash | T.D. 3087 Ft. | | |
| Interval Tested 3056 | Ft. to 3087 Ft. | | |
| Feet of Net Pay Tested | Ft. | | |
| Type of Test Bottom Hole | | | |
| Cushion – | Amount – Ft. | | |
| Started in Hole at 0100 | Hrs. Tool Open at 0355 Hrs. | | |
| Pre-flow 5 | Mins. Initial Shut-in 30 Mins. | | |
| Final Flow 30 | Mins. Final Shut-in 30 Mins. | | |
| Remarks | | | |
| Blow | | | |
| GAS BLOW MEASUREMENTS | | | |
| Measured with | | | |
| Time | Surface Choke | Reading - Inches | Cubic Feet/Day |
| RECOVERY | | | |
| TOTAL FLUID RECOVERED | Ft. Consisting of: | | |
| Ft. of Nil | | | |
| 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 KAKISKA |
| Well Number | L-7160-50-117-30-W6 |
| K.B. Elevation | |
| Area | Hay River Province Alberta |
| Company Rep. | S. Rosichuk |
| Tester | J. Hoedl |
| Contractor | Guthrie-McLaren Rig No. 4 |
| Ticket No. 4735 | Date February 23, 1968 |
| Service Reports To | 7 - Above Address |

| MUD AND HOLE DATA | |
|---|---|
| Mud Type | Gel Chemical |
| Weight 9.6 | Viscosity 116 Water Loss 7 |
| Filter Cake 2/32" | Bottom Hole Temperature 100 |
| Drill Pipe Size 4 1/2" FH | Weight |
| Drill Collars 4 1/2" H90 | I.D. 2 7/8" Feet Run 304.20 |
| Main Hole or Casing Size | 7 7/8" |
| Rathole or Liner Size – | No. of Feet – |
| Bottom Hole Choke Size | 1/2" |
| Surface Choke Size | 3/4" |
| Packer Rubber Size | 7" |
| REMARKS | Test successful. |

| PRESSURE READINGS | Inside X Outside | Inside Outside X | Inside Outside | Inside Outside |
|---|---|---|---|---|
| Recorder No. | 971 | 908 | | |
| Capacity | 2950 | 3700 | | |
| Depth | 3040 | 3082 | | |

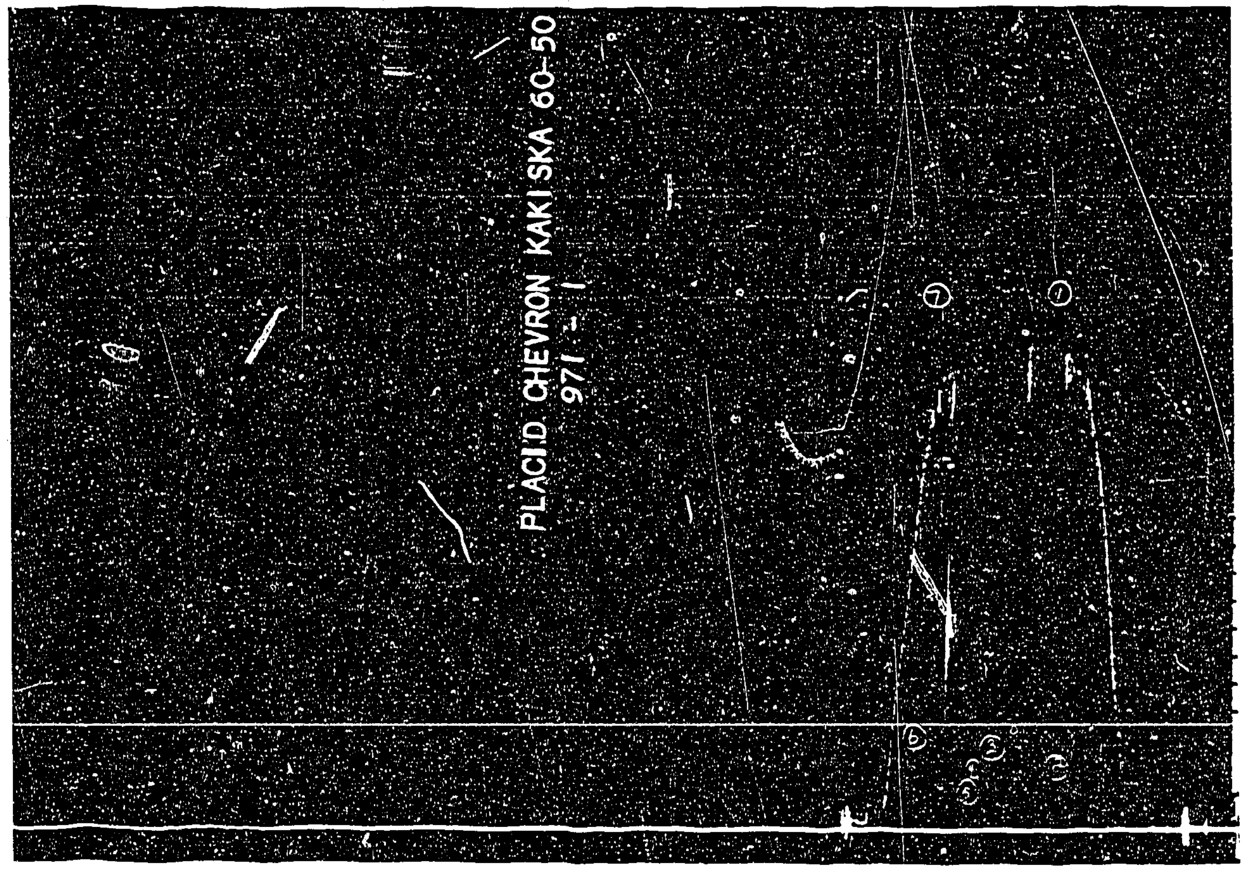
| | | | | |
|---|---|---|---|---|
| 1. INITIAL HYDROSTATIC | 1490 | 1511 | | |
| 2. PRE-FLOW | 10 | 5 | | |
| 3. INITIAL SHUT-IN | 40 | 44 | | |
| 4. INITIAL FLOW | 9 | 17 | | |
| 5. FINAL FLOW | 9 | 15 | | |
| 6. FINAL SHUT-IN | 10 | 18 | | |
| 7. FINAL HYDROSTATIC | 1467 | 1438 | | |

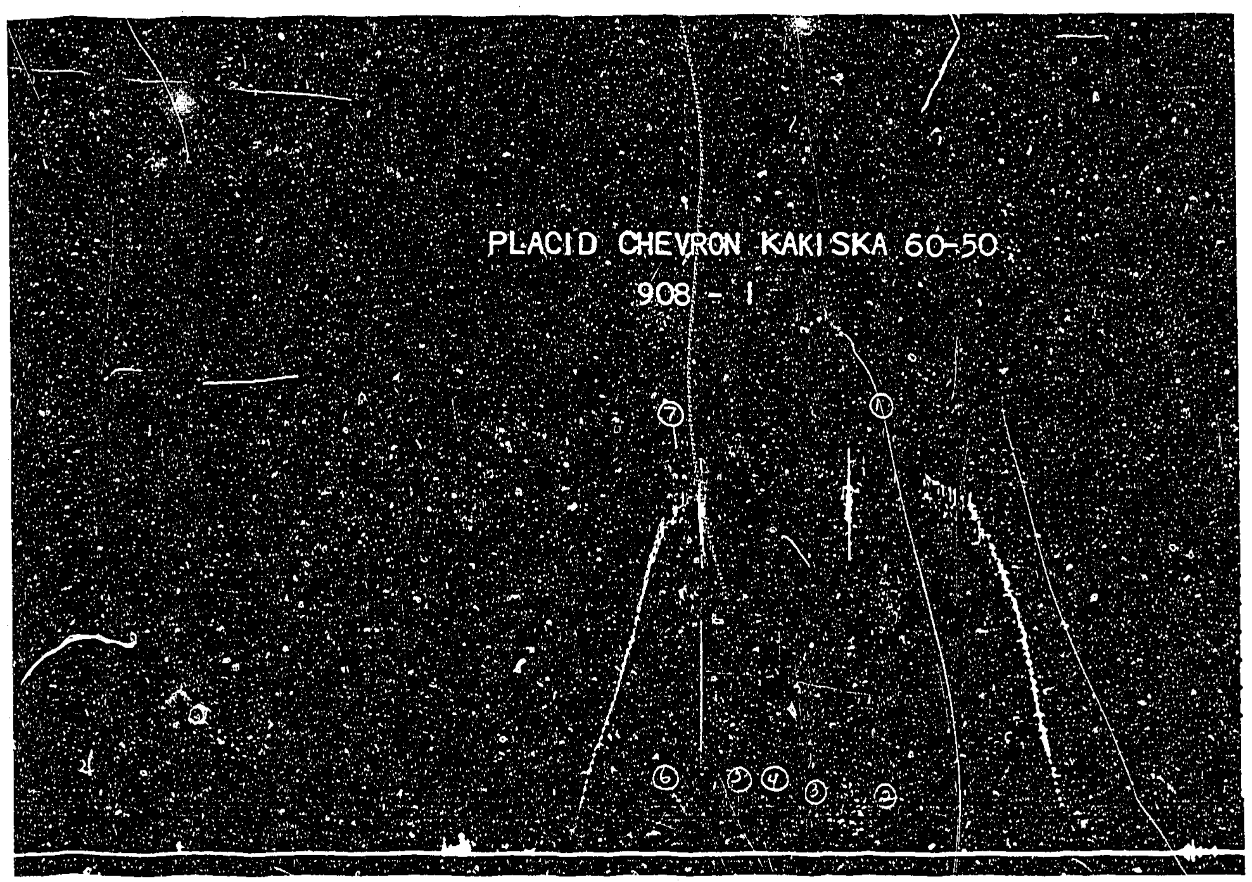
Company: Placid Oil Company

Well Name and Description: PLACID CHEVRON KAKISKA L-71 60-50-117-30-W6

Test No.: 1

Date of Test: February 23, 1968




**TEST DATA** Test No. [illegible] Lynes Test No. [illegible]

Formation: Granite Wash  T.D. [illegible] Ft.
Interval Tested: [illegible] Ft. to [illegible] Ft.
Feet of Net Pay Tested: Ft.
Type of Test: Bottom Hole
Cushion: – Amount: – Ft.
Started in Hole at: [illegible] Hrs. Tool Open at [illegible] Hrs.
Pre-flow: [illegible] Mins. Initial Shut-in: [illegible] Mins.
Final Flow: [illegible] Mins. Final Shut-in: [illegible] Mins.
Remarks:

Blow:

**GAS FLOW MEASUREMENTS**

Measured with:

| Time | Surface Choke Reading - Inches | Cubic Feet/Day |
| --- | --- | --- |
| | | |

**GENERAL INFORMATION**

Company: [illegible]
Address: [illegible]
Well Name: [illegible] KAKISKA
Well Number: [illegible]
K.B. Elevation:
Area: [illegible] Province: [illegible]
Company Rep.: [illegible]
Tester: [illegible]
Contractor: [illegible] Rig No. [illegible]
Ticket No. [illegible] Date: [illegible]
Service Reports To: [illegible]

**MUD AND HOLE DATA**

Mud Type: [illegible]
Weight: [illegible] Viscosity: [illegible] Water Loss:
Filter Cake: [illegible] Bottom Hole Temperature:
Drill Pipe Size: [illegible] Weight:
Drill Collars: [illegible] I.D. [illegible] Feet Run [illegible]
Main Hole or Casing Size: [illegible]
Rathole or Liner Size: – No. of Feet: –
Bottom Hole Choke Size: [illegible]
Surface Choke Size: [illegible]
Percent Rubber Size: [illegible]

**REMARKS**: [illegible]

**RECOVERY**

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

**PRESSURE READINGS**

| | Inside / Outside | Inside / Outside | Inside / Outside | Inside / Outside |
| --- | --- | --- | --- | --- |
| Recorder No. | 971 | [illegible] | | |
| Capacity | [illegible] | [illegible] | | |
| Depth | 3040 | [illegible] | | |
| 1. INITIAL HYDROSTATIC | 1490 | [illegible] | | |
| 2. PRE-FLOW | 10 | [illegible] | | |
| 3. INITIAL SHUT-IN | 40 | 44 | | |
| 4. INITIAL FLOW | [illegible] | [illegible] | | |
| 5. FINAL FLOW | [illegible] | [illegible] | | |
| 6. FINAL SHUT-IN | 10 | 18 | | |
| 7. FINAL HYDROSTATIC | 1467 | [illegible] | | |

No 953

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

| | |
|---|---|
| Lease Well Name | PLACID CHEVRON KAKISA |
| Location — Lsd. | 71 Sec. 60 Twp. 50 Rge. 117 W. 30M. |
| Date | FEB 25 19 68 |
| Weather Condition | + 5° MILD |
| Road Conditions | GOOD |
| Nearest Town | HAY RIVER |
| Water - Source | CREEK |
| Miles Hauled | 1/2 |
| Pumped | |
| Camp Distance from Rig | 200 FT |
| Reason for Extra L. Plant | STANDBY |

| | |
|---|---|
| OPERATOR | PLACID OIL CO. |
| SIGNATURE OF OPERATOR'S REPRESENTATIVE | |
| Rig No. | 4 |
| DWKS | T. 12 |
| Drill Pipe String No. / Size | 4 1/2 |
| Tool Joint | 5 3/4 O.D. |
| Type Thd. | I. H. |
| SIGNATURE OF CONTRACTOR'S TOOL PUSHER | D.R. Clark |

**PUMPS**

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | NATIONAL | C-150 | 12 |
| 2. | G. DENVER | FX. FG. | 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 | 4 | 114 | 1230 | 113 | |

## TIME DISTRIBUTION—HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | 2 1/2 | |
| Drilling Actual | | | |
| Reaming | | | |
| Conditioning Mud & Circulating | | | |
| Trips | 1/2 | 2 1/2 | |
| Lubricate Rig | 1/4 | | |
| Deviation Survey | | | |
| Test B.O.P. | | | |
| Cut Off Drilling Line | | | |
| Repair Rig | | | |
| Coring | | | |
| Wire Line Logging | | | |
| Running Casing & Cementing (CIRC) | 6 3/4 | 3 | |
| Waiting on Cement | | | 4 1/2 |
| Drill Stem Test | | | |
| Other | 1/2 | | 3 1/2 |
| 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 | | | 8 |

**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 | |
|---|---|---|
| 49 | Stands D.P. | Ft. |
| | Singles D.P. | Ft. |
| | D.C. I.D. O.D. | Ft. |
| | D.C. I.D. O.D. | Ft. |
| | Stb. Body O.D. | Ft. |
| | Stb. Body O.D. | Ft. |
| | Rmr. Body O.D. | Ft. |
| | Subs O.D. | Ft. |
| | Bit or C.B. | Ft. |
| | Kelly Down | Ft. |
| | Total | Ft. |
| | Wt. of String | Lbs. |
| | Pipe in Hole | Jts. |
| | Pipe on Racks | Jts. |
| 111 | Total Pipe on Lease | 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 | 4:00 |
| Weight | |
| Visc.-Sec. | 60 |
| W.L.-C.C. | |
| FL TR. CK. | |
| PH | |
| SD. Cont. % | |
| Pressure Gradient | |

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

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 1200 | 1230 | 1/2 | | | | | | RUN IN OPEN END. |
| 1230 | 100 | 1/2 | | | | | | PICK UP 12 SINGLES. |
| 100 | 115 | 1/4 | | | | | | RIG SERVICE. |
| 115 | 800 | 6 3/4 | | | | | | CIRC. WAIT ON CEMENT. TRUCK. |
| | | | | | | | | CHANGED OIL IN AIR COMPRESSER. |

## DAY TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | |
|---|---|---|
| | Stands D.P. | Ft. |
| | Singles D.P. | Ft. |
| | D.C. I.D. O.D. | Ft. |
| | D.C. I.D. O.D. | Ft. |
| | Stb. Body O.D. | Ft. |
| | Stb. Body O.D. | Ft. |
| | Rmr. Body O.D. | Ft. |
| | Subs O.D. | Ft. |
| | Bit or C.B. | Ft. |
| | Kelly Down | Ft. |
| | Total | Ft. |
| | Wt. of String | Lbs. |
| | Pipe in Hole | Jts. |
| | Pipe on Racks | Jts. |
| | Total Pipe on Lease | 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: Bernie Gack

RAN PLUG #1 FROM 3087-2571 WITH 220 SACKS CEMENT
PLUG DOWN @ 9:00 AM FEB 25/68.

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 |
|---|---|---|---|---|---|---|---|---|
| 8:00 | 9:00 | 1 | | | | | | RIG UP TO CEMENT |
| 9:00 | 10:00 | 1 | | | | | | CEMENT PLUGS |
| 10:00 | 12:00 | 2 | | | | | | PULL OUT 9 STANDS AND LAY DOWN PIPE |
| 12:00 | 1:00 | 1 | | | | | | CEMENT PLUG No 2 |
| 1:00 | 1:30 | 1/2 | | | | | | LAY DOWN PIPE |
| 1:30 | 4:00 | 2 1/2 | | | | | | TEAR OUT PUMPS & MUD TANK (W.O.C.) |

RAN PLUG #2 FROM 163-60 WITH 60 SKS. CEMENT PLUS 4% CaCl.
PLUG DOWN @ 12:30 PM. CHECK TOP OF PLUG #2 AT 57'

## EVENING TOUR

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

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

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 4:00 | 8:30 | 4 1/2 | | | | | | W.O.C. |
| 8:30 | | | | | | | | FEEL PLUG # 2, LAY DOWN B.O.P's |
| | 12:00 | 3 1/2 | | | | | | WELD PLATE ON CSG. |

CUT CSG OFF 2' BELOW GROUND LEVEL, SPOTTED 5 SKS CEMENT PLUG AT SURFACE. WELDED CSG. SHUT WITH A STEEL CAP SPOT WELDED LEASE WELL NAME PLATE ON A 6FT RISER TO SURFACE CSG.
RIG RELEASED AT 11:59 PM FEB 25, 1968.
Thank You! [signature]

No. 952

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Lease / Well Name: PLACID CHEVREN KAKISA

Location — Lsd. 11 Sec. 60 Twp. 50 Rge. 17 W. 3RM.

Date: FEB 24 1968

Weather Condition: +5° MILD | Road Conditions: GOOD | Nearest Town: HAY RIVER | Water - Source: CREEK | Miles Hauled: 1½ | Pumped | Camp Distance from Rig: 200 FT | Reason for Extra L. Plant: STANDBY

OPERATOR: Placid Oil Co.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: J. Kosechuk.

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

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

PUMPS

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | NATIONAL | C-150 | 12 |
| 2. | G. DENVER | FX F.G. | 10 |
| 3. | | | |

| LAST CASING TUBING OR LINER | Size | Make | Wt. & Gr. | No Joints | Feet | RKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|---|
| | 6⅝ | | # 24.155 | 4 | 114 | 1220 | 113 | |

TIME DISTRIBUTION—HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | | | |
| Reaming | | | |
| Conditioning Mud & Circulating | | | |
| Trips | 3¼ | 3¾ | 3½ |
| Lubricate Rig | ¼ | | |
| 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 | 2 | 4¼ | 3½ |
| Other | 2¼ | | 1 |
| 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
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 | |
|---|---|---|---|---|
| 40 | Stands D.P. | 2502.75 Ft. | Bit No. | |
| 1 | Singles D.P. | 30.50 Ft. | Size | |
| 18 | D.C. 2⅞ 6¼ I.D. O.D. | 529.12 Ft. | Mfg. | |
| | | | Type | |
| | D.C. I.D. O.D. | Ft. | 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. | 5.08 Ft. | Total Ftg. | |
| | Bit or C.B. | 2.98 Ft. | Total Hr. Run | |
| | Kelly Down | 16.59 Ft. | Cond. of Bit | |
| | Total | 3087. Ft. | Reamer No. | |
| Wt. of String | | Lbs. | Reamer Type | |
| Pipe in Hole | 41 | Jts. | MATERIAL CHARGED TO OPERATOR | |
| Pipe on Racks | 30 | 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: L. SWEEZEY.

FOOTAGE: From 3087 | 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 |
|---|---|---|---|---|---|---|---|---|
| 1200 | 100 | 1 | | | | | | MAKE UP PACKER. |
| 100 | 115 | ¼ | | | | | | RIG SERVICE. |
| 115 | 230 | 1¼ | | | | | | RUN IN WITH PACKER. |
| 230 | 300 | ½ | | | | | | PICK UP SEVEN JOINTS DRILL PIPE |
| 300 | 330 | ½ | | | | | | THAW OUT FREEZE UP FILLUP LINE. |
| 330 | 530 | 2 | | | | | | WELL ON TEST. |
| 530 | 730 | 2 | | | | | | TRIP FOR PACKER. (HOIST) |
| 730 | 800 | ½ | | | | | | LAY DOWN PACKER. |

RAN D.S.T. #1 IN THE GRANITE WASH FORMATION FROM 3056-3087 ~~[illegible]~~ 5 MIN PREFLOW WITH NO AIR BLOW AT SURFACE. 60-MIN I.S.I. V.O.-30 MIN WELL COMPLETELY DEAD NO AIR BLOW TO SURFACE 30-MIN F.S.I. NO FLUID RECOVERY.

## 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 | |
| | 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 Secord

FOOTAGE: From D.S.T. #1 | To I.H.P. 1476 | Ftge. I.S.I. 28

DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY): F.S.I-14 IF-14 F.F-14 F.H.P. 1469 B.H.T. 100° | 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 | 9:00 | 1 | | | | | | FINISH LAYING TEST TOOLS. |
| 9:00 | 10:00 | 1 | | | | | | MAKE UP TEST NO. 2. |
| 10:00 | 11:30 | 1½ | | | | | | RUN IN HOLE |
| 11:30 | 12:15 | ¾ | | | | | | HOOK UP CHOKE SPOOLS AND SHUT IN TOOL |
| 12:15 | 12:45 | ½ | | | | | | SHUT IN PACKER |
| 12:45 | 1:45 | 1 | | | | | | OPEN PACKER ~~[illegible]~~ |
| 1:45 | 3:00 | 2¼ | | | | | | ~~[illegible]~~ TO PULL PACKER OUT OF HOLE |

RAN D.S.T. #2 IN THE MIDDLE DEVONIAN DOLOMITE FORMATION FROM 2908-3087. TOOK 3 MIN PREFLOW, GOOD STRONG AIR BLOW. 30 MIN I.S.I NOT RECORDED DUE TO SHUT IN TOOL FAILURE V.O. 60 MINS. F.S.I-30 MINS. GOOD INITIAL PUFF GOOD AIR BLOW DECREASING AT END OF TEST. RECOVERED 800' OF DRILLING MUD 500' OF HEAVY BLACK, SULPHUROUS SALTY CONTAMINATED DRIG. MUD.

## EVENING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | BIT RECORD | |
|---|---|---|---|---|
| 45 | 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 | |
| | 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 | 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: Jack Wenger

FOOTAGE: From 3087 | 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 | 5:00 | 1 | | | | | | FINISH OUT W/ PACKER |
| 5:00 | 7:30 | 2½ | | | | | | BREAK, WASH UP & LOAD OUT TEST TOOLS |
| 7:30 | 8:30 | 1 | | | | | | RUN IN D.C.S |
| 8:30 | 9:30 | 1 | | | | | | GET PIPE RACKS READY FOR D.C.S & |
| 9:30 | | | | | | | | MOVE PIPE IN DERRICK. |
| 9:30 | 11:00 | 1½ | | | | | | LAY DOWN D.C.S |
| 11:00 | 12:00 | 1 | | | | | | RUN IN W/OPEN END PIPE |

D.S.T. #2 PRESSURES — IHP - 1411 I.S.I. NOT RECORDED. F.S.I. 1302 IF. 1186 FF 1281 FHP - 1401 B.HT - 100°

# DAILY DRILLING REPORT

No. 951 — GUTHRIE McLAREN Drilling Ltd.

| | |
|---|---|
| Lease / Well Name | Placid Chevron Kakisa |
| Location | Lsd. L71 Sec. 60 Twp. 50 Rge. 117 W. 30M. |
| Date | Feb 23 1968 |
| Weather Condition | 0° Fair |
| Road Conditions | Good |
| Nearest Town | Hay River |
| Water - Source | Creek |
| Miles Hauled | 1/2 |
| Pumped | |
| Camp Distance from Rig | 300 Ft |
| Reason for Extra L. Plant | Standby |
| Operator | Placid Oil Co. |
| Rig No. | 4 |
| DWKS | T12 |
| Drill Pipe String No. | 111 |
| Drill Pipe String Size | 4½ |
| 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 | FX FOG | 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 | 4 | 114 | 12.20 | 113 | |

## TIME DISTRIBUTION—HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | 2½ | | |
| Reaming | | | |
| Conditioning Mud & Circulating | 4½ | 4 | |
| Trips | ¾ | 3¼ | |
| Lubricate Rig | ¼ | ¼ | |
| Deviation Survey | | | |
| Test B.O.P. | | | |
| Cut Off Drilling Line | | | |
| Repair Rig | | | |
| Coring | | | |
| Wire Line Logging | | | 7½ |
| Running Casing & Cementing | | | |
| Waiting on Cement | | | |
| Stem Test | | | |
| Other | | ½ | ½ |
| Fishing | | | |
| Completion Work: A. Perforating | | | |
| B. Tubing Trips | | | |
| C. Swabbing | | | |
| D. Testing | | | |
| E. Additional | | | |
| Totals | 8 | 8 | 8 |

**TIME SUMMARY (Office Use Only)**: Day Work; Hrs. W/DP; Hrs. WO/DP; Hrs. Standby; Total Day Work

**WIRE LINE RECORD**: Reel No.; No. of Lines; Size; Feet Slipped; Feet Cut Off; Present Length; Ton Mi. or Trips Since Last Cut; Cumulative Ton Mi. or Trips; No. of Days From Spud; Cumulative Rotating Hrs.

## MORNING TOUR

**Drilling Assembly at End of Tour**

| No. | Item | Value |
|---|---|---|
| 40 | Stands D.P. | 2502.73 Ft. |
| 1 | Singles D.P. | 30.50 Ft. |
| 18 | D.C. I.D. 2¾ O.D. 6¼ | 529.12 Ft. |
| | D.C. I.D. O.D. | |
| | Stb. Body O.D. | |
| | Stb. Body O.D. | |
| | Rmr. Body O.D. | 5.08 Ft. |
| | Subs O.D. | |
| | Bit or C.B. | 2.98 Ft. |
| | Kelly Down | 16.59 Ft. |
| | Total | 3087.00 Ft. |
| | Wt. of String | 78000 Lbs. |
| | Pipe in Hole | 81 Jts. |
| | Pipe on Racks | 30 Jts. |
| | Total Pipe on Lease | 111 Jts. |

**Bit Record**

| | |
|---|---|
| Bit No. | 6 |
| Size | 7 7/8 |
| Mfg. | H.W. |
| Type | X55R |
| Nozzle No. | 3 |
| Nozzle Size | 18 |
| Ser. No. | 93709 |
| Depth Out | 3087 |
| Depth In | 2980 |
| Total Ftg. | 107 |
| Total Hr. Run | 16¼ |
| Cond. of Bit | |
| Reamer No. | |
| Reamer Type | |

MATERIAL CHARGED TO OPERATOR

**Mud Record**

| | | | |
|---|---|---|---|
| Time | 12.00 | 3.00 | 6.00 |
| Weight | 9.5 | 9.6 | 9.6 |
| Visc.-Sec. | 67 | 65 | 86 |
| W.L.-C.C. | | 7 | 7 |
| FL TR. CK. | 2/32 | 2/32 | 2/32 |
| PH | 10. | 10 | 10. |
| SD. Cont. % | | | |
| Pressure Gradient | Visc – 110 @ 7... | | |

**Mud & Chemicals Added**

| Type | Amt. |
|---|---|
| Gel | 2000# |
| Caustic | 100# |
| Peltex | 100# |

Driller: L. Sweezey

**Footage / Formation**

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3079 | 3087 | 8 | | | | 60 | 25 | 700 | 6½ | 61 | 6 | | S |

Deviation Record: Depth / Dev. / Direction — (none entered)

**Details of Operations in Sequence and Remarks**

| Hour Started | Hour Stopped | Elapsed Time | Details |
|---|---|---|---|
| 1200 | 230 | 2½ | Drilling. |
| 230 | 245 | ¼ | Rig Service |
| 245 | 430 | 1¾ | Circ condition mud wait on logging truck |
| 430 | 515 | ¾ | Make ten stand dummy trip no fill. |
| 515 | 800 | 2¾ | Circ wait on logging truck. |

## DAY TOUR

**Drilling Assembly at End of Tour**

| No. | Item | Value |
|---|---|---|
| 40 | Stands D.P. | 2502.73 Ft. |
| 5 | Singles D.P. | 30.50 Ft. |
| 18 | D.C. I.D. O.D. | 529.12 Ft. |
| | D.C. I.D. O.D. | |
| | Stb. Body O.D. | |
| | Stb. Body O.D. | |
| | Rmr. Body O.D. | 5.08 Ft. |
| | Subs O.D. | |
| | Bit or C.B. | 2.98 Ft. |
| | Kelly Down | 16.59 Ft. |
| | Total | 3087.00 Ft. |
| | Wt. of String | 78000 Lbs. |
| | Pipe in Hole | 81 Jts. |
| | Pipe on Racks | 30 Jts. |
| | Total Pipe on Lease | 111 Jts. |

Bit Record: (none entered)

MATERIAL CHARGED TO OPERATOR

Mud Record: (none entered)

Driller: Bernie Sacek

**Details of Operations in Sequence and Remarks**

| Hour Started | Hour Stopped | Elapsed Time | Details |
|---|---|---|---|
| 8:00 | 8:15 | ¼ | Rig Service (Check Bops) |
| 8:15 | 8:45 | ½ | Circ & wait on log truck |
| 8:45 | 9:30 | ¾ | Dummy Trip 12 Stands |
| 9:30 | 1:00 | 3½ | Circ & wait on loggers |
| 1:00 | 3:30 | 2½ | Pull out of hole to log |
| 3:30 | 4:00 | ½ | Rig up to log |

## EVENING TOUR

**Drilling Assembly at End of Tour**

| No. | Item | Value |
|---|---|---|
| 40 | Stands D.P. | 2502.23 Ft. |
| 5 | Singles D.P. | 30.50 Ft. |
| 18 | D.C. I.D. O.D. 6¼ | 529.12 Ft. |
| | D.C. I.D. O.D. | |
| | Stb. Body O.D. | |
| | Stb. Body O.D. | |
| | Rmr. Body O.D. | 5.08 Ft. |
| | Subs O.D. | |
| | Bit or C.B. | 2.98 Ft. |
| | Kelly Down | 16.59 Ft. |
| | Total | 3087 Ft. |
| | Wt. of String | 78000 Lbs. |
| | Pipe in Hole | 81 Jts. |
| | Pipe on Racks | 30 Jts. |
| | Total Pipe on Lease | 111 Jts. |

Bit Record: (none entered)

MATERIAL CHARGED TO OPERATOR

**Mud Record**

| | |
|---|---|
| Weight | 9.6 |
| Visc.-Sec. | 110 |
| PH | 10 |

Driller: Jack Wenger

Footage: From 3087 T.D.

**Details of Operations in Sequence and Remarks**

| Hour Started | Hour Stopped | Elapsed Time | Details |
|---|---|---|---|
| 4:00 | 10:30 | 6½ | Logging |
| 10:30 | 11:00 | ½ | Tear out & load out loggers |
| 11:00 | 12:00 | 1 | Picking test tools |

Ran Gamma Ray Sonic & Caliper Log from 3087-113

Dual Induction Laterolog from 3085-113

**No. 1100** GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Lease Well Name: Placid Chevron Kakisa | Date: Feb 22 1968
Location — Lsd. 11 Sec. 6 Twp. 50 Rge. 12 W. 5 M.
Weather Condition: Mild +5° | Road Conditions: Good | Nearest Town: Hay River | Water-Source: Creek | Miles Hauled: 1/2 | Pumped: | Camp Distance from Rig: | Reason for Extra L. Plant: Stand By

OPERATOR: Placid Oil Co.
Rig No. 4 | DWKS T12 | Drill Pipe String No. / Size 4½ | Tool Joint 5 3/4 O.D. | Type Thd. I.H.

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

| PUMPS No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | National | C-150 | 12 |
| 2. | G. Denver | FX-FG | 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 | 4 | 114 | 12.20 | 113 | |

## TIME DISTRIBUTION—HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | 1 | 6 3/4 | 7 |
| Reaming | 1 3/4 | | |
| Conditioning Mud & Circulating | | | |
| Trips | 5 | | |
| Lubricate Rig | 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 | 1 |
| Fishing | | | |
| COMPLETION WORK A. Perforating | | | |
| B. Tubing Trips | | | |
| C. Swabbing | | | |
| D. Testing | | | |
| E. Additional | | | |
| Totals | 8 | 8 | 8 |

TIME SUMMARY (Office Use Only): Day Work; Hrs. W/DP; Hrs. WO/DP; Hrs. Standby; Total Day Work

WIRE LINE RECORD: Reel No.; No. of Lines / Size; Feet Slipped; Feet Cut Off; Present Length; Ton Mi. or Trips Since Last Cut; Cumulative Ton Mi. or Trips; No. of Days From Spud; Cumulative Rotating Hrs.

## MORNING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | |
|---|---|---|
| 38 | Stands D.P. | 2378.90 Ft. |
| 1 | Singles D.P. | 30.75 Ft. |
| 18 | D.C. 2¼ I.D. 6¼ O.D. | 529.12 Ft. |
| | D.C. I.D. O.D. | Ft. |
| | Stb. Body O.D. | Ft. |
| | Stb. Body O.D. | Ft. |
| | Rmr. Body O.D. | 5.08 Ft. |
| | Subs O.D. | ~~5.08~~ Ft. |
| | Bit or C.B. | 2.95 Ft. |
| | Kelly Down | 33.20 Ft. |
| | Total | 2980 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. | 5 | 6 |
| Size | 7 7/8 | 7 7/8 |
| Mfg. | Sec. | H.W. |
| Type | M4NG | X55R |
| Nozzle No. | 3 | 3 |
| Nozzle Size | 16 | 18 |
| Ser. No. | 96832 | 93709 |
| Depth Out | 2980 | |
| Depth In | 2818 | |
| Total Ftg. | 162 | |
| Total Hr. Run | 14½ | |
| Cond. of Bit | [illegible] | |
| Reamer No. | | |
| Reamer Type | | |

MATERIAL CHARGED TO OPERATOR:

| MUD RECORD | |
|---|---|
| Time | 6 |
| Weight | 9.9 |
| Visc.-Sec. | 53 |
| W.L.-C.C. | 3/32 |
| FL TR. CK. | 2/32 |
| PH | 9.5 |
| SD. Cont. % | |
| Pressure Gradient | |

Mud & Chemicals Added: Gel 400#; Caustic 100#

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 | S.P.M. | Pump No. 2 Liner Size | S.P.M. | Method Run |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2972 | 2980 | 8 | D | | | 85 | 35 | 700 | 6½ | 61 | 6 | | S |

Deviation Record: Depth 2710 | Dev. 1 3/8

| Hour Started | Hour Stopped | Elapsed Time | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|
| 1200 | 100 | 1 | Drilling |
| 100 | 115 | 1/4 | Rig Service |
| 115 | 615 | 5 | Trip for Bit. Run in |
| 615 | 800 | 1 3/4 | Ream Reamer to Bottom 60 Feet |

## DAY TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | |
|---|---|---|
| 39 | Stands D.P. | 2440.90 Ft. |
| 5 | Singles D.P. | 30.89 Ft. |
| 18 | D.C. 2¼ I.D. 6¼ O.D. | 529.12 Ft. |
| | D.C. I.D. O.D. | Ft. |
| | Stb. Body O.D. | Ft. |
| | Stb. Body O.D. | Ft. |
| | Rmr. Body O.D. | 5.08 Ft. |
| | Subs O.D. | Ft. |
| | Bit or C.B. | 2.95 Ft. |
| | Kelly Down | 33.26 Ft. |
| | Total | 3042 Ft. |

Wt. of String 78000 Lbs. | Pipe in Hole 79 Jts. | Pipe on Racks 32 Jts. | Total Pipe on Lease 111 Jts.

| BIT RECORD | |
|---|---|
| Bit No. | 6 |
| Size | 7 7/8 |
| Mfg. | H.W. |
| Type | X55R |
| Nozzle No. | 3 |
| Nozzle Size | 18 |
| Ser. No. | 93709 |
| Depth Out | |
| Depth In | 2980 |
| Total Ftg. | 62 |
| Total Hr. Run | 6 3/4 |
| Cond. of Bit | |
| Reamer No. | |
| Reamer Type | |

MATERIAL CHARGED TO OPERATOR:

| MUD RECORD | | | |
|---|---|---|---|
| Time | 9.00 | 12.00 | 3.00 |
| Weight | 9.5 | 9.4 | 9.4 |
| Visc.-Sec. | 55 | 46 | 54 |
| W.L.-C.C. | 8.6 | 8.6 | 8.6 |
| FL TR. CK. | 2/32 | 2/32 | 2/32 |
| PH | 9.5 | 9.5 | 9.5 |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added: Gel 100; CMC 15X

Driller: Bonnie Gocel

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2980 | 3042 | 62 | D | | | 60 | 25 | 700 | 6½ | 62 | 6 | | S |

Deviation Record:

| Hour Started | Hour Stopped | Elapsed Time | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|
| 8.00 | 8.15 | 1/4 | Rig Service (Check BOPs) |
| 8.15 | 3.00 | 6 3/4 | Drilling |
| 3.00 | 4.00 | 1 | Changing Valve on BOPs |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | |
|---|---|---|
| 40 | Stands D.P. | 2502.73 Ft. |
| — | Singles D.P. | Ft. |
| 18 | D.C. 2¼ I.D. 6¼ O.D. | 529.12 Ft. |
| | D.C. I.D. O.D. | Ft. |
| | Stb. Body O.D. | Ft. |
| | Stb. Body O.D. | Ft. |
| | Rmr. Body O.D. | 5.07 Ft. |
| | Subs O.D. | Ft. |
| | Bit or C.B. | 2.95 Ft. |
| | Kelly Down | 40.00 Ft. |
| | Total | 3079 Ft. |

Wt. of String 78,000 Lbs. | Pipe in Hole 80 Jts. | Pipe on Racks 31 Jts. | Total Pipe on Lease 111 Jts.

| BIT RECORD | |
|---|---|
| Bit No. | 6 |
| Size | 7 7/8 |
| Mfg. | H.W. |
| Type | X55R |
| Nozzle No. | 3 |
| Nozzle Size | 18 |
| Ser. No. | 93709 |
| Depth Out | |
| Depth In | 2980 |
| Total Ftg. | 99 |
| Total Hr. Run | 13 3/4 |
| Cond. of Bit | IN |
| Reamer No. | |
| Reamer Type | 3-Point |

MATERIAL CHARGED TO OPERATOR:

| MUD RECORD | | | |
|---|---|---|---|
| Time | 5.00 | 9.00 | 11.00 |
| Weight | 9.5 | 9.5 | 9.5 |
| Visc.-Sec. | 52 | 51 | 52 |
| W.L.-C.C. | 7.9 | ✓ | ✓ |
| FL TR. CK. | 2/32 | ✓ | ✓ |
| PH | 9.5 | ✓ | ✓ |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added: Gel 900#

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 | S.P.M. | Pump No. 2 Liner Size | S.P.M. | Method Run |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3042 | 3079 | 37 | D | | | 60 | 25 | 700 | 6½ | 62 | 6" | | S |

Deviation Record: Depth 2710 | Dev. 1 3/8°

| Hour Started | Hour Stopped | Elapsed Time | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|
| 4.00 | 5.00 | 1 | Change Valve on B.O.P. |
| 5.00 | 12.00 | 7 | Drilling |

No. 1099

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Lease / Well Name: PLACID CHEVRON KAKISA
Location — Lsd. 7 Sec. 6 Twp. 50 Rge. 17 W. 30M.
Date: FEB 21 1968
Weather Condition: -10° MILD
Road Conditions: GOOD
Nearest Town: HAY RIVER
Water - Source: CREEK; Miles Hauled: 1/2; Pumped:
Camp Distance from Rig:
Reason for Extra L. Plant: STAND BY

OPERATOR: PLACID OIL CO.

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

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

Rig No.: 4; DWKS: T-12
Drill Pipe String — No.: ; Size: 4 1/2
Tool Joint: 5 3/4 O.D.; Type Thd.: F.H.

| PUMPS No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | NATIONAL | C-150 | 12 |
| 2. | C. DENVER | FX-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 | 4 | 114 | 12.20 | 113 | |

## TIME DISTRIBUTION—HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | 4 1/2 | 6 1/4 | 7 1/4 |
| Reaming | | | |
| Conditioning Mud & Circulating | | | |
| Trips | 3 1/4 | 1 1/4 | |
| 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 | | | |
| Stem Test | | | |
| Other | | 1/4 | 1/2 |
| 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 | |
|---|---|---|
| 36 | Stands D.P. | 2255.67 Ft. |
| | Singles D.P. | Ft. |
| 18 | D.C. 6 1/4 I.D. O.D. | 529.12 Ft. |
| | D.C. I.D. O.D. | Ft. |
| | Stb. Body O.D. | 6.42 Ft. |
| | Stb. Shock O.D. | 11.35 Ft. |
| | Rmr. Body O.D. | Ft. |
| | Subs O.D. | Ft. |
| | Bit or C.B. | Ft. |
| | Kelly Down | 15.44 Ft. |
| | Total | 2818. Ft. |
| | Wt. of String | 72,000 Lbs. |
| | Pipe in Hole | 72 Jts. |
| | Pipe on Racks | 39 Jts. |
| | Total Pipe on Lease | 111 Jts. |

| BIT RECORD | | |
|---|---|---|
| Bit No. | 4 | 5 |
| Size | 7 7/8 | 7 7/8 |
| Mfg. | HW | SEC |
| Type | OWV | MUNG J |
| Nozzle No. | 3 | 3 |
| Nozzle Size | 18 | 18 |
| Ser. No. | 80293 | 906830 |
| Depth Out | 2818 | |
| Depth In | 2608 | |
| Total Ftg. | 210 | |
| Total Hr. Run | 16 3/4 | |
| Cond. of Bit | LOCKED | |
| Reamer No. | | |
| Reamer Type | | |

MATERIAL CHARGED TO OPERATOR

| MUD RECORD | | | |
|---|---|---|---|
| Time | 12 | | |
| Weight | 9.9 | | 9.9 |
| Visc.-Sec. | 50 | | 53 |
| W.L.-C.C. | 7.2 | | 7.2 |
| FL TR. CK. | 1/32 | | 2/32 |
| PH | 9.5 | | 9.5 |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

| Mud & Chemicals Added Type | Amt. | Type | Amt. |
|---|---|---|---|
| GEL | 300 | | |
| CAUSTIC | 100 | | |
| PELTEX | 100 | | |

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 | S.P.M. | Pump No. 2 Liner Size | S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2775 | 2818 | 43 | D | | | 85 | 35 | 700 | 6 1/2 | | 6 | | |

Deviation Record — Depth / Dev. / Direction: (blank)

| Hour Started | Hour Stopped | Elapsed Time | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|
| 12:00 | 12:15 | 1/4 | RIG SERVICE |
| 12:15 | 4:45 | 4 1/2 | DRILLING |
| 4:45 | | | TRIP FOR BIT |
| | 8:00 | 3 1/4 | LAY DOWN STABLELIZER |

## DAY TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | |
|---|---|---|
| 37 | Stands D.P. | 2318.52 Ft. |
| 5 | Singles D.P. | 31.58 Ft. |
| 18 | D.C. 6 1/4 I.D. O.D. | 529.12 Ft. |
| | D.C. I.D. O.D. | Ft. |
| | Stb. Body O.D. | Ft. |
| | Stb. Body O.D. | Ft. |
| | Rmr. Body O.D. | Ft. |
| | Subs SHOCK O.D. | 11.35 Ft. |
| | Bit or C.B. | Ft. |
| | Kelly Down | 13.43 Ft. |
| | Total | 2904 Ft. |
| | Wt. of String | 72,000 Lbs. |
| | Pipe in Hole | 75 Jts. |
| | Pipe on Racks | 36 Jts. |
| | Total Pipe on Lease | 111 Jts. |

| BIT RECORD | |
|---|---|
| Bit No. | 5 |
| Size | 7 7/8 |
| Mfg. | SEC |
| Type | MUNG J |
| Nozzle No. | 3 |
| Nozzle Size | 18 |
| Ser. No. | 906830 |
| Depth Out | |
| Depth In | 2818 |
| Total Ftg. | 86 |
| Total Hr. Run | 6 1/4 |
| Cond. of Bit | |
| Reamer No. | |
| Reamer Type | |

MATERIAL CHARGED TO OPERATOR

| MUD RECORD | | | |
|---|---|---|---|
| Time | 10 | 12 | 3 |
| Weight | 9.9 | 9.9 | 9.9 |
| Visc.-Sec. | 55 | 50 | 49 |
| W.L.-C.C. | 7.8 | 7.8 | 7.8 |
| FL TR. CK. | 2/32 | 2/32 | 2/32 |
| PH | 10 | 10 | 10 |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

| Mud & Chemicals Added Type | Amt. | Type | Amt. |
|---|---|---|---|
| GEL | 500# | | |

Driller: Bernie Garst

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2818 | 2904 | 86 | D | | | 85 | 35 | 700 | 6 1/2 | 61 | 6 | | S |

Deviation Record — Depth / Dev. / Direction: (blank)

| Hour Started | Hour Stopped | Elapsed Time | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|
| 8:00 | 8:15 | 1/4 | RIG SERVICE (CHECK BOPS) OK |
| 8:15 | 9:30 | 1 1/4 | RUN IN HOLE |
| 9:30 | 9:45 | 1/4 | ~~CLEAN~~ CLEAN FILL |
| 9:45 | 4:00 | 6 1/4 | DRILLING |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | |
|---|---|---|
| 38 | Stands D.P. | 2378.90 Ft. |
| 5 | Singles D.P. | 30.75 Ft. |
| 18 | D.C. 6 1/4 I.D. O.D. | 529.12 Ft. |
| | D.C. I.D. O.D. | Ft. |
| | Stb. Shock Body O.D. | 11.35 Ft. |
| | Stb. Body O.D. | Ft. |
| | Rmr. Body O.D. | Ft. |
| | Subs O.D. | Ft. |
| | Bit or C.B. | Ft. |
| | Kelly Down | 22.88 Ft. |
| | Total | 2972 Ft. |
| | Wt. of String | 75,000 Lbs. |
| | Pipe in Hole | 77 Jts. |
| | Pipe on Racks | 34 Jts. |
| | Total Pipe on Lease | 111 Jts. |

| BIT RECORD | |
|---|---|
| Bit No. | 5 |
| Size | 7 7/8 |
| Mfg. | SEC. |
| Type | MUNG J |
| Nozzle No. | 3 |
| Nozzle Size | 18 |
| Ser. No. | 906830 |
| Depth Out | |
| Depth In | 2818 |
| Total Ftg. | 154 |
| Total Hr. Run | 12 1/2 |
| Cond. of Bit | IN |
| Reamer No. | |
| Reamer Type | |

MATERIAL CHARGED TO OPERATOR

| MUD RECORD | | | |
|---|---|---|---|
| Time | 5:00 | 9:00 | 11:00 |
| Weight | 9.9 | 9.9 | 9.9 |
| Visc.-Sec. | 50 | 50 | 51 |
| W.L.-C.C. | 7.5 | 7.5 | ✓ |
| FL TR. CK. | 2/32 | 2/32 | ✓ |
| PH | 9.5 | 9.5 | ✓ |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

| Mud & Chemicals Added Type | Amt. | Type | Amt. |
|---|---|---|---|
| GEL | 1000# | | |

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 | S.P.M. | Pump No. 2 Liner Size | S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2904 | 2972 | 68 | D | | | 85 | 35 | 700 | 6 1/2 | 61 | 6" | | S |

| Deviation Record | Depth | Dev. | Direction |
|---|---|---|---|
| | ~~2910~~ | ~~1/4°~~ | |

| Hour Started | Hour Stopped | Elapsed Time | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|
| 4:00 | 4:15 | 1/4 | RIG SERV. & B.O.P. ok |
| 4:15 | 7:15 | 3 | DRILLING |
| 7:15 | 7:45 | 1/2 | CIRC. SAMPLE |
| 7:45 | 12:00 | 4 1/4 | DRILLING |

MAR 1 1968 (received stamp)

Nº 1098 GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Lease Well Name: Placid Chevron Kakisa | Date: Feb. 20 1968
Location — Lsd. 5-7 Sec. 6 Twp. 56 Rge. 117 W. 30 M.

Weather Condition: Fair 0° | Road Conditions: Good | Nearest Town: Hay River | Water - Source: Creek | Miles Hauled: 1/2 | Pumped: | Camp Distance from Rig: | Reason for Extra L. Plant: Standby

OPERATOR: Placid Oil Co.

Rig No.: 4 | DWKS: T12 | Drill Pipe String No.: | Size: 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 | C-150 | 12 |
| 2. | G. Denver | FX-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 | 4 | 114 | 122 | 113 | |

## TIME DISTRIBUTION—HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | 4 3/4 | 5 | 7 1/4 |
| Reaming | | | |
| Conditioning Mud & Circulating | | | |
| Trips | 2 3/4 | 2 | |
| Lubricate Rig | 1/4 | 1/4 | 1/4 |
| Deviation Survey | | | 1/2 |
| Test B.O.P. | | | |
| Cut Off Drilling Line | | | |
| Repair Rig | | | |
| Coring | | | |
| Wire Line Logging | | | |
| Running Casing & Cementing | | | |
| Waiting on Cement | | | |
| Stem Test | | | |
| Other | 1/4 | 3/4 | |
| Fishing | | | |
| COMPLETION WORK A. Perforating | | | |
| B. Tubing Trips | | | |
| C. Swabbing | | | |
| D. Testing | | | |
| E. Additional | | | |
| Totals | 8 | 8 | 8 |

TIME SUMMARY (Office Use Only)

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

WIRE LINE RECORD

| | |
|---|---|
| Reel No. | |
| No. of Lines / Size | |
| Feet Slipped | |
| Feet Cut Off | |
| Present Length | |
| Ton Mi. or Trips Since Last Cut | |
| Cumulative Ton Mi. or Trips | |
| No. of Days From Spud | |
| Cumulative Rotating Hrs. | |

## MORNING TOUR

### Drilling Assembly at End of Tour

| NO. | Item | Value |
|---|---|---|
| 34 | Stands D.P. | 2128.42 Ft. |
| | Singles D.P. | Ft. |
| 15 | D.C. 2 1/4 I.D. 6 1/4 O.D. | 439.70 Ft. |
| | D.C. I.D. O.D. | Ft. |
| | Stb. Body (Shock) O.D. | 11.35 Ft. |
| | Stb. Body (Stable) O.D. | 6.42 Ft. |
| | Rmr. Body O.D. | Ft. |
| | Subs O.D. | Ft. |
| | Bit or C.B. | Ft. |
| | Kelly Down | 22.11 Ft. |
| | Total | 2608. Ft. |
| | Wt. of String | 60,000 Lbs. |
| | Pipe in Hole | 64 Jts. |
| | Pipe on Racks | 47 Jts. |
| | Total Pipe on Lease | 111 Jts. |

### Bit Record

| | |
|---|---|
| Bit No. | 3 |
| Size | 7 7/8 |
| Mfg. | HW |
| Type | X3A |
| Nozzle No. | 3 |
| Nozzle Size | 14 |
| Ser. No. | 93763 |
| Depth Out | 2608 |
| Depth In | 1765 |
| Total Ftg. | 843 |
| Total Hr. Run | 24 1/4 |
| Cond. of Bit | |
| Reamer No. | |
| Reamer Type | |

MATERIAL CHARGED TO OPERATOR:

### Mud Record

| Time | 1200 | 200 | 400 |
|---|---|---|---|
| Weight | 9.9 | 9.9 | 9.9 |
| Visc.-Sec. | 50 | 53 | 53 |
| W.L.-C.C. | 8.4 | 7.3 | 7.3 |
| FL. TR. CK. | 2/32 | 2/32 | 2/32 |
| PH | 9.5 | 9.5 | 9.5 |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| Gel | 1500 | | |
| Deltex | 45 Ks. | | |
| Caustic | 1.5 K | | |
| CMC | 75 K | | |

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 | S.P.M. | Pump No. 2 Liner Size | S.P.M. | Method Run |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2437 | 2608 | 171 | D | | | 110 | 30 | 800 | | | | | |

### Deviation Record

| Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|
| 2300 | 2 3/4° | | | | | | | |

### Details of Operations in Sequence and Remarks

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | Details |
|---|---|---|---|---|---|---|---|---|
| 1200 | 1230 | 1/2 | | | | | | Drilling |
| 1230 | 1245 | 1/4 | | | | | | Rig Service. |
| 1245 | 500 | 4 1/4 | | | | | | Drilling. |
| 500 | 600 | 1 | | | | | | Trip for Bit. |
| 600 | 615 | 1/4 | | | | | | Work on fuel [illegible] meters |
| 615 | 715 | 1 | | | | | | Finnish out. |
| 715 | 800 | 3/4 | | | | | | Run in with Bit. |

## DAY TOUR

### Drilling Assembly at End of Tour

| NO. | Item | Value |
|---|---|---|
| | Stands D.P. | 2097.07 Ft. |
| | Singles D.P. | Ft. |
| 18 | D.C. I.D. O.D. | 529.12 Ft. |
| | D.C. I.D. O.D. | Ft. |
| | Stb. Body (Shock) O.D. | 11.35 Ft. |
| | Stb. Body (Stable) O.D. | 6.42 Ft. |
| | Rmr. Body O.D. | Ft. |
| | Subs O.D. | Ft. |
| | Bit or C.B. | Ft. |
| | Kelly Down | 38.04 Ft. |
| | Total | 2681 Ft. |
| | Wt. of String | 70,000 Lbs. |
| | Pipe in Hole | 67 Jts. |
| | Pipe on Racks | 44 Jts. |
| | Total Pipe on Lease | 111 Jts. |

### Bit Record

| | |
|---|---|
| Bit No. | 4 |
| Size | 7 7/8 |
| Mfg. | HW |
| Type | OWVJ |
| Nozzle No. | 3 |
| Nozzle Size | 18 |
| Ser. No. | 80283 |
| Depth Out | |
| Depth In | 2608 |
| Total Ftg. | 73 |
| Total Hr. Run | 5 |
| Cond. of Bit | |
| Reamer No. | |
| Reamer Type | |

MATERIAL CHARGED TO OPERATOR:

### Mud Record

| Time | | 12 | 3 |
|---|---|---|---|
| Weight | | 9.9 | 9.9 |
| Visc.-Sec. | | 58 | 47 |
| W.L.-C.C. | | 7.0 | 7.0 |
| FL. TR. CK. | | 2/32 | 2/32 |
| PH | | 10 | 10 |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| Gel | 900 | | |

Driller: Bernie Gorsk

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2608 | 2681 | 73 | D | | | 85 | 35 | 700 | 6 1/2 | 60 | | | |

### Deviation Record

| Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

### Details of Operations in Sequence and Remarks

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | Details |
|---|---|---|---|---|---|---|---|---|
| 8:00 | 9:00 | 1 | | | | | | Finish in with collars & pick up three |
| 9:00 | 10:00 | 1 | | | | | | Run in with pipe. (And mesure in) |
| 10:00 | 10:15 | 1/4 | | | | | | Rig Service (Check Motor Shut off & Bops) |
| 10:15 | 11:00 | 3/4 | | | | | | Brake circ an unplug bit |
| 11:00 | 4:00 | 5 | | | | | | Drilling |

Pipe Tally - 2128.42
Measurement 2131.15
2.73 Have made ~~[illegible]~~ correction

## EVENING TOUR

### Drilling Assembly at End of Tour

| NO. | Item | Value |
|---|---|---|
| 35 | Stands D.P. | 2193.15 Ft. |
| — | Singles D.P. | Ft. |
| 18 | D.C. 2 1/4 I.D. 6 1/4 O.D. | 529.12 Ft. |
| | D.C. I.D. O.D. | Ft. |
| | Stb. Body (Shock) O.D. | 11.35 Ft. |
| | Stb. Body (Stab) O.D. | 6.42 Ft. |
| | Rmr. Body O.D. | Ft. |
| | Subs O.D. | Ft. |
| | Bit or C.B. | Ft. |
| | Kelly Down | 34.86 Ft. |
| | Total | 2775 Ft. |
| | Wt. of String | 72,000 Lbs. |
| | Pipe in Hole | 70 Jts. |
| | Pipe on Racks | 41 Jts. |
| | Total Pipe on Lease | 111 Jts. |

### Bit Record

| | |
|---|---|
| Bit No. | 4 |
| Size | 7 7/8 |
| Mfg. | H.W. |
| Type | OWVJ |
| Nozzle No. | 3 |
| Nozzle Size | 18 |
| Ser. No. | 80283 |
| Depth Out | |
| Depth In | 2608 |
| Total Ftg. | 168 |
| Total Hr. Run | 12 1/4 |
| Cond. of Bit | IN |
| Reamer No. | |
| Reamer Type | |

MATERIAL CHARGED TO OPERATOR:

### Mud Record

| Time | 5:00 | 7:00 | 10:00 |
|---|---|---|---|
| Weight | 9.9 | 9.9 | 9.9 |
| Visc.-Sec. | 54 | 52 | 51 |
| W.L.-C.C. | 7.4 | 7.4 | ✓ |
| FL. TR. CK. | 2/32 | 2/32 | ✓ |
| PH | 9.5 | | ✓ |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| Gel | 900# | | |
| Deltex | | | |

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2681 | 2775 | 94 | D | | | 85 | 35 | 700 | 6 1/2 | 60 | 6" | | |

### Deviation Record

| Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|
| 2710' | 1 3/8° | | | | | | | |

### Details of Operations in Sequence and Remarks

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | Details |
|---|---|---|---|---|---|---|---|---|
| 4:00 | 4:15 | 1/4 | | | | | | Rig Serv. & B.O.P. |
| 4:15 | 9:00 | 4 3/4 | | | | | | Drilling |
| 9:00 | 9:30 | 1/2 | | | | | | Survey @ 2710' |
| 9:30 | 12:00 | 2 1/2 | | | | | | Drilling |

№ 1097

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Lease / Well Name: PLACID CHEVRON KARISA.
Location — Lsd. 4 Sec. 60 Twp. 50 Rge. 17 W.3CM.
Date: FEB 19 1968

Weather Condition: -45° COLD | Road Conditions: GOOD | Nearest Town: HAY RIVER | Water - Source: CREEK | Miles Hauled: 1½ | Pumped | Camp Distance from Rig: 200 FT | Reason for Extra L. Plant: STAND BY

OPERATOR: Placid Oil Co.

Rig No. 4 | DWKS 7:12 | Drill Pipe String: No. / Size 4½ | Tool Joint 5¾ O.D. | Type Thd. F.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: J. Rennie

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

| PUMPS | | | |
|---|---|---|---|
| No. | MANUFACTURER | TYPE | STROKE LENGTH |
| 1. | NATIONAL | C-150 | 12 |
| 2. | C. DENVER | EX-FOC | 10 |
| 3. | | | |

| LAST CASING TUBING OR LINER | Size | Make | Wt. & Gr. | No Joints | Feet | RKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|---|
| | 8⅝ | | # 24 J55 | 4 | 114 | 1220 | 113 | |

## TIME DISTRIBUTION—HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | 8¼ | 6¾ | 7¼ |
| Reaming | | | |
| Conditioning Mud & Circulating | | | |
| Trips | ½ | | |
| Lubricate Rig | ¼ | ¼ | ¼ |
| Deviation Survey | 1¼ | ¼ | ½ |
| Test B.O.P. | | | |
| Cut Off Drilling Line | | | |
| Repair Rig | ¾ | | |
| Coring | | | |
| Wire Line Logging | | | |
| Running Casing & Cementing | | | |
| Waiting on Cement | | | |
| Stem Test | | | |
| Other | | ¾ | |
| Fishing | | | ¾ |
| COMPLETION WORK: A. Perforating | | | |
| B. Tubing Trips | | | |
| C. Swabbing | | | |
| D. Testing | | | |
| E. Additional | | | |
| Totals | 6 | 9 | 8 |

TIME SUMMARY (Office Use Only)

Day Work
Hrs. W/DP
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 Tripe 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 | |
|---|---|---|
| 92 | Stands D.P. | 1407.59 Ft. |
| | Singles D.P. | Ft. |
| 15 | D.C. I.D. O.D. | 439.70 Ft. |
| | D.C. 2¼ 6¼ I.D. O.D. | Ft. |
| | Stb. Body SHOCK O.D. | 11.35 Ft. |
| | Stb. Body O.D. | 6.42 Ft. |
| | Rmr. Body O.D. | Ft. |
| | Subs O.D. | Ft. |
| | Bit or C.B. | Ft. |
| | Kelly Down | 39.94 Ft. |
| | Total | 1905.00 Ft. |
| Wt. of String | 56,000 | Lbs. |
| Pipe in Hole | 44 | Jts. |
| Pipe on Racks | 111 | Jts. |
| Total Pipe on Lease | 111 | Jts. |

| BIT RECORD | | |
|---|---|---|
| Bit No. | 3 | |
| Size | 7⅞ | |
| Mfg. | HW | |
| Type | X3A | |
| Nozzle No. | 3 | |
| Nozzle Size | 18 | |
| Ser. No. | 93763 | |
| Depth Out | | |
| Depth In | 1765 | |
| Total Ftg. | 140 | |
| Total Hr. Run | 5¼ | |
| Cond. of Bit | | |
| Reamer No. | | |
| Reamer Type | | |

MATERIAL CHARGED TO OPERATOR

| MUD RECORD | | | |
|---|---|---|---|
| Time | 2.00 | 4.00 | 6.00 |
| Weight | 9.5 | 9.5 | 9.5 |
| Visc.-Sec. | 40 | 43 | 45 |
| W.L.-C.C. | 7.8 | | 6.0 |
| FL TR. CK. | 2/32 | | 2/32 |
| PH | 10.0 | | 10.0 |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

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

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 | S.P.M. | Pump No. 2 Liner Size | S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1765 | 1905 | 140 | D | | | 110 | 20 | 800 | 6½ | 70 | 6 | | S |

Deviation Record: Depth 1874 | 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 | 100 | ¾ | | | | | | OUT CABLE ON MONKEY BOARD. |
| 100 | 130 | ½ | | | | | | FINISH RUNNING IN WITH BIT. |
| 130 | 645 | 5¼ | | | | | | DRILLING. |
| 645 | 800 | 1¼ | | | | | | SURVEY. RBH. STUCK IN COLLARS. |

## DAY TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | |
|---|---|---|
| 20 | Stands D.P. | 1657.61 Ft. |
| 1 | Singles D.P. | 31.80 Ft. |
| 15 | D.C. 6¼ 2⅞ I.D. O.D. | 439.70 Ft. |
| | D.C. I.D. O.D. | Ft. |
| | Stb. Body O.D. | 11.35 Ft. |
| | Stb. Body O.D. | 6.42 Ft. |
| | Rmr. Body O.D. | Ft. |
| | Subs O.D. | Ft. |
| | Bit or C.B. | Ft. |
| | Kelly Down | 13.12 Ft. |
| | Total | 2160.00 Ft. |
| Wt. of String | 58,000 | Lbs. |
| Pipe in Hole | 53 | Jts. |
| Pipe on Racks | 58 | Jts. |
| Total Pipe on Lease | 111 | Jts. |

| BIT RECORD | | |
|---|---|---|
| Bit No. | 3 | |
| Size | 7⅞ | |
| Mfg. | HW | |
| Type | X3A | |
| Nozzle No. | 3 | |
| Nozzle Size | 18 | |
| Ser. No. | 93763 | |
| Depth Out | | |
| Depth In | 1765 | |
| Total Ftg. | 395 | |
| Total Hr. Run | 12¼ | |
| Cond. of Bit | | |
| Reamer No. | | |
| Reamer Type | | |

MATERIAL CHARGED TO OPERATOR

| MUD RECORD | | | |
|---|---|---|---|
| Time | 9.00 | 12.00 | 3.00 |
| Weight | 9.6 | 9.6 | 9.5 |
| Visc.-Sec. | 40 | 47 | 47 |
| W.L.-C.C. | 10.0 | 10.0 | 10.0 |
| FL TR. CK. | | | |
| PH | 9 | 9 | 9 |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added: Type / Amt. / Type / Amt.
Gel 2300#

Driller: Bernie Black

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1905 | 2160 | 255 | D | | | 110 | 25 | 700 | 6½ | 66 | 6 | | S |
| | | | | | | 110 | 30 | 800 | 6½ | 68 | | | |

Deviation Record: Depth 1875 | Dev. 2½° | Direction ~~2060~~ | Depth 2060 | Dev. 2¾° | 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 | 8.45 | 3¼ | | | | | | PULL SURVEY RBH DUE OF SHOCK SUB and COLLARS. |
| 8.45 | 9.00 | ¼ | | | | | | RIG SERVICE (CHECK BOPS) OK |
| 9.00 | 1.30 | 4½ | | | | | | DRILLING |
| 1.30 | 1.45 | ¼ | | | | | | SERVICE |
| 1.45 | 4.00 | 2¼ | | | | | | DRILLING |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | |
|---|---|---|
| 30 | Stands D.P. | Ft. |
| 1 | Singles D.P. | 19.40.50 Ft. |
| 15 | D.C. 6¼ 2⅞ I.D. O.D. | 439.70 Ft. |
| | D.C. I.D. O.D. | Ft. |
| | Stb. Body SHOCK O.D. | 11.35 Ft. |
| | Stb. Body STAB O.D. | 6.42 Ft. |
| | Rmr. Body O.D. | Ft. |
| | Subs O.D. | Ft. |
| | Bit or C.B. | Ft. |
| | Kelly Down | 39.23 Ft. |
| | Total | 2437.00 Ft. |
| Wt. of String | 58,000 | Lbs. |
| Pipe in Hole | 62 | Jts. |
| Pipe on Racks | 49 | Jts. |
| Total Pipe on Lease | 111 | Jts. |

| BIT RECORD | | |
|---|---|---|
| Bit No. | 3 | |
| Size | 7⅞ | |
| Mfg. | HW | |
| Type | X-3-A | |
| Nozzle No. | 3 | |
| Nozzle Size | 18 | |
| Ser. No. | 93763 | |
| Depth Out | | |
| Depth In | 1765 | |
| Total Ftg. | 672 | |
| Total Hr. Run | 19½ | |
| Cond. of Bit | IN | |
| Reamer No. | | |
| Reamer Type | | |

MATERIAL CHARGED TO OPERATOR

| MUD RECORD | | | |
|---|---|---|---|
| Time | 5.00 | 8.00 | 10.00 |
| Weight | 9.6 | 9.7 | 9.8 |
| Visc.-Sec. | 50 | 50 | 49 |
| W.L.-C.C. | | 7.4 | |
| FL TR. CK. | 2/32 | | |
| PH | | 9.5 | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added: Type / Amt. / Type / Amt.
GEL - 2300#

Driller: Jack Menger

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2160 | 2437 | 277 | D | | | 110 | 30 | 700 | 6½ | 67 | 6" | | |
| | | | | | | 110 | 30 | 800 | 6½ | 67 | | | |

Deviation Record: Depth 2300 | Dev. 2⅜ | 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 | 4.30 | ¼ | | | | | | RIG SERV. 4B. O.P. OK. |
| 4.15 | 8.30 | 4¼ | | | | | | DRILLING |
| 8.30 | 9.00 | ½ | | | | | | SURVEY @ 2300' |
| 9.00 | 12.00 | 3 | | | | | | DRILLING |

№ 1096

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Lease Well Name: PLACID CHEVRON KAKISA

Location — Lsd. 11 Sec. 66 Twp. 50 Rge. 17 W. 3rd.

Date: FEB 18 1965

Weather Condition: COLD -30° Road Conditions: GOOD Nearest Town: HAY RIVER Water - Source: CREEK Miles Hauled: 1/2 Pumped: Camp Distance from Rig: 200 Reason for Extra L. Plant: STAND BY.

OPERATOR: PLACID Oil Company

Rig No. 4 DWKS 12 | Drill Pipe String No. Size 4 1/2 | Tool Joint 5 3/4 O.D. Type Thd. F.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: Rosmine

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: O R Clark

| PUMPS No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | NATIONAL | C-150-B | 12 |
| 2. | G. DENVER | FX-FOG | 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 | 4 | 114 | 12.20 | 113 | |

## TIME DISTRIBUTION—HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | 4 3/4 | 7 1/2 | 1 1/4 |
| Reaming | | | |
| Conditioning Mud & Circulating | | | |
| Trips | 3 | | 5 1/2 |
| Lubricate Rig | | 1/4 | 1/4 |
| Deviation Survey | | 1/4 | 1/4 |
| Test B.O.P. | | | |
| Cut Off Drilling Line | | | |
| Repair Rig | 1/4 | 1/4 | 1/4 |
| Coring | | | |
| Wire Line Logging | | | |
| Running Casing & Cementing | | | |
| Waiting on Cement | | | |
| Stem Test | | | |
| Other | | 1 | 1/2 |
| 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

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 | |
|---|---|---|---|---|
| 16 | Stands D.P. | 1032.34 Ft. | Bit No. | 2 |
| 1 | Singles D.P. | Ft. | Size | 7 7/8 |
| 15 | D.C. I.D. O.D. | 440.51 Ft. | Mfg. | HW |
| | | | Type | XIC.J |
| | D.C. I.D. O.D. | Ft. | Nozzle No. | 2-16 |
| | | | Nozzle Size | 1/18 |
| | Stb. Body O.D. | 6.42 Ft. | Ser. No. | XT.856 |
| | Stb. Body O.D. | Ft. | Depth Out | |
| | Rmr. Body O.D. | 5.08 Ft. | Depth In | 1137 |
| | Subs O.D. | Ft. | Total Ftg. | 405 |
| | Bit or C.B. | Ft. | Total Hr. Run | 10 3/4 |
| | Kelly Down | 18.65 Ft. | Cond. of Bit | RUNN |
| | Total | 1502.00 Ft. | Reamer No. | |
| Wt. of String | 56000 Lbs. | | Reamer Type | |
| Pipe in Hole | 33 Jts. | | MATERIAL CHARGED TO OPERATOR | |
| Pipe on Racks | 78 Jts. | | | |
| Total Pipe on Lease | 111 Jts. | | | |

| MUD RECORD Time | 400 | 600 | 800 |
|---|---|---|---|
| Weight | 9.4 | 9.4 | 9.4 |
| Visc.-Sec. | 46 | 43 | 40 |
| W.L.-C.C. | 9.6 | 9.6 | 9.6 |
| FL TR. CK. | 2/32 | 2/32 | 2/32 |
| PH | 9.5 | 9 | 9 |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| Gel | 150 lb | | |

Driller: L. SWEETEN

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1366 | 1502 | 176 | | | | 90 | 30 | 800 | 6 1/2 | 78 | | | |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | 1304 | 3/4° | | | | | | | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 1200 | 300 | 3 | | | | | | TRIP TO LAY SQUARE COLLER DOWN |
| 300 | 315 | 1/4 | | | | | | RIG SERVICE. |
| 315 | 800 | 4 3/4 | | | | | | DRILLING. |

## DAY TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | BIT RECORD | |
|---|---|---|---|---|
| 20 | Stands D.P. | 1252.64 Ft. | Bit No. | 2 |
| | Singles D.P. | Ft. | Size | 7 7/8 |
| 15 | D.C. I.D. O.D. | 440.51 Ft. | Mfg. | HW |
| | | | Type | XIG-J |
| | D.C. I.D. O.D. | Ft. | Nozzle No. | 2-1 |
| | | | Nozzle Size | 16-18 |
| | Stb. Body O.D. | 6.42 Ft. | Ser. No. | XT-856 |
| | Stb. Body O.D. | Ft. | Depth Out | |
| | Rmr. Body O.D. | 5.08 Ft. | Depth In | 1137 |
| | Subs O.D. | Ft. | Total Ftg. | 599 |
| | Bit or C.B. | Ft. | Total Hr. Run | 18 |
| | Kelly Down | 31.29 Ft. | Cond. of Bit | |
| | Total | 1736.00 Ft. | Reamer No. | |
| Wt. of String | 50000 Lbs. | | Reamer Type | |
| Pipe in Hole | 40 Jts. | | MATERIAL CHARGED TO OPERATOR | |
| Pipe on Racks | 71 Jts. | | | |
| Total Pipe on Lease | 111 Jts. | | | |

| MUD RECORD Time | 8 | 12 | 3 |
|---|---|---|---|
| Weight | 9.4 | 9.5 | 9.5 |
| Visc.-Sec. | 40 | 40 | 42 |
| W.L.-C.C. | 10.4 | 10.4 | 10.2 |
| FL TR. CK. | | | |
| PH | 12.5 | 12.5 | 12.5 |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| Gel | 1700# | | |
| Caustic | 100# | | |
| Pectex | 100# | | |

Driller: Donald Clark

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1502 | 1736 | 234 | 0 | | | 100 | 33 | 900 | 6 1/2 | 78 | | | |
| | | | | | | 100 | 27 | 900 | 6 1/2 | 70 | | | |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | 1680 | 2 1/2° | | | | | | | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 8:00 | 8:30 | 1/2 | | | | | | DRILLING |
| 8:30 | 8:45 | 1/4 | | | | | | RIG SERVICE & CHECK B.O.P. OK. |
| 8:45 | 1:30 | 4 3/4 | | | | | | DRILLING |
| 1:30 | 1:45 | 1/4 | | | | | | SERVEY |
| 1:45 | 3:45 | 2 1/4 | | | | | | DRILLING |
| 3:45 | 4:00 | 1/4 | | | | | | WORK ON INDICATOR |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | BIT RECORD | |
|---|---|---|---|---|
| 20 | Stands D.P. | 1283.89 Ft. | Bit No. | 2 |
| 5 | Singles D.P. | Ft. | Size | 7 7/8 |
| 15 | D.C. I.D. O.D. | 440.51 Ft. | Mfg. | HW |
| | | | Type | XIG |
| | D.C. 2 7/8 6 1/4 I.D. O.D. | Ft. | Nozzle No. | 2-1 |
| | | | Nozzle Size | 16 19 |
| | Stb. Body O.D. | 6.42 Ft. | Ser. No. | XT856 |
| | Stb. Body O.D. | 5.08 Ft. | Depth Out | 1765 |
| | Rmr. Body O.D. | Ft. | Depth In | 1137 |
| | Subs O.D. | Ft. | Total Ftg. | 628 |
| | Bit or C.B. | Ft. | Total Hr. Run | 19 1/2 |
| | Kelly Down | 29.80 Ft. | Cond. of Bit | |
| | Total | 1765 Ft. | Reamer No. | |
| Wt. of String | 57000 Lbs. | | Reamer Type | |
| Pipe in Hole | 40 Jts. | | MATERIAL CHARGED TO OPERATOR | |
| Pipe on Racks | 71 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: J. WEAGER

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1736 | 1765 | 29 | | | | 100 | 30 | 800 | 6 1/2 | 78 | | | |

| Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|---|
| | 1765 | 3° | | | | | | | |

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|---|---|---|---|---|
| 4:00 | 4:30 | 1/2 | | | | | | WORK ON INDICATOR. |
| 4:30 | 4:45 | 1/4 | | | | | | RIG SERVICE |
| 4:45 | 6:15 | 1 1/2 | | | | | | DRILLING |
| 6:15 | 6:30 | 1/4 | | | | | | SERVEY |
| 6:30 | | | | | | | | PULL OUT OF HOLE |
| | 1200 | 5 1/2 | | | | | | RUN IN |
| | | | | | | | | LAY DOWN BOTTOM COLLER |
| | | | | | | | | PIKE UP 1 COLLER & SHORT S.B. |

No 1095

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Lease / Well Name: PLACID CHEVRON KAKISA — Location — Lsd. L-71 Sec. 60 Twp. 50 Rge. 117 W. 3 M. — Date: FEB. 17 1968

Weather Condition: COLD -35° — Road Conditions: GOOD — Nearest Town: HAY RIVER — Water-Source: CREEK, Miles Hauled ½, Pumped — Camp Distance from Rig: 200' — Reason for Extra L. Plant: STAND BY

OPERATOR: PLACID OIL CO.

Rig No. 4 — DWKS T-12 — Drill Pipe String: No. —, Size 4½ — Tool Joint 5¾" O.D. — Type Thd. F.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

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

## PUMPS

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | NATIONAL | C-150-B | 12" |
| 2. | G. DENVER | FX-FCG | 10" |
| 3. | | | |

## LAST CASING, TUBING OR LINER

| Size | Make | Wt. & Gr. | No. Joints | Feet | RKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|
| 8⅝ | | 24# J-55 | 4 | 114' | 12.20 | 113' | |

## TIME DISTRIBUTION—HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | 6¼ | 1½ | 4½ |
| Reaming | | | |
| Conditioning Mud & Circulating | | | |
| Trips | 3¼ | 2¾ | 2 |
| Lubricate Rig | ¼ | ¼ | ¼ |
| Deviation Survey | | | ¼ |
| Test B.O.P. | | | |
| Cut Off Drilling Line | | | |
| Repair Rig | | ½ | ½ |
| Coring | | | |
| Wire Line Logging | | | |
| Running Casing & Cementing | | | |
| Waiting on Cement (CLEAN TANKS) | | 1 | |
| Drill Stem Test | | | |
| Other | ½ | 2 | ½ |
| Fishing | | | |
| Completion Work: A. Perforating | | | |
| B. Tubing Trips | | | |
| C. Swabbing | | | |
| D. Testing | | | |
| E. Additional | | | |
| Totals | 8 | 8 | 8 |

TIME SUMMARY (Office Use Only)

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

## WIRE LINE RECORD

| | |
|---|---|
| Reel No. | |
| No. of Lines / Size | |
| Feet Slipped | |
| Feet Cut Off | |
| Present Length | |
| Ton Mi. or Trips Since Last Cut | |
| Cumulative Ton Mi. or Trips | |
| No. of Days From Spud | |
| Cumulative Rotating Hrs. | |

## MORNING TOUR

### Drilling Assembly at End of Tour

| NO. | Item | Ft. |
|---|---|---|
| 10 | Stands D.P. | 657.20 |
| 1 | Singles D.P. | |
| 1 | 4½ D.C. □ | |
| 14 | I.D. O.D. | 438.99 |
| | D.C. | |
| | I.D. O.D. | |
| | Stb. Body O.D. | |
| | Stb. Body O.D. | 6.42 |
| | Rmr. Body O.D. | 5.08 |
| | Subs Shock O.D. | 11.35 |
| | Bit or C.B. | |
| | Kelly Down | 17.96 |
| | Total | 1137.00 |

Wt. of String: 52,000 Lbs. — Pipe in Hole: 21 Jts. — Pipe on Racks: 90 Jts. — Total Pipe on Lease: 111 Jts.

### Bit Record

| | |
|---|---|
| Bit No. | 1 |
| Size | 7⅞ |
| Mfg. | H.W |
| Type | X-1G |
| Nozzle No. | 3 |
| Nozzle Size | 3-18 |
| Ser. No. | 94297 |
| Depth Out | |
| Depth In | 113' |
| Total Ftg. | 1024 |
| Total Hr. Run | 38½ |
| Cond. of Bit | TRIP |
| Reamer No. | |
| Reamer Type | |

MATERIAL CHARGED TO OPERATOR:

### Mud Record

| | | | |
|---|---|---|---|
| Time | 12⁰⁰ | 2:00 | 4:00 |
| Weight | 8.7 | 8.7 | 8.7 |
| Visc.-Sec. | 28 | 28 | 28 |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | | | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added: Type / Amt. / Type / Amt. — (none)

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 727 | 1137 | 410 | D | | | 110 | 35 | 700 | 6½ | 77 | | | |

Deviation Record: Depth — Dev. — Direction: (none)

### Details of Operations in Sequence and Remarks

| Hour Started | Hour Stopped | Elapsed Time | Details |
|---|---|---|---|
| 12⁰⁰ | 12¹⁵ | ¼ | RIG SERV. & B.O.P. CK. |
| 12¹⁵ | 2⁰⁰ | 1¾ | DRILLING |
| 2⁰⁰ | 2³⁰ | ½ | WORK ON PUMP |
| 2³⁰ | 7¹⁵ | 4¾ | DRILLING |
| 7¹⁵ | 8⁰⁰ | ¾ | HOIST CUT, THAW RAT HOLE |

## DAY TOUR

### Drilling Assembly at End of Tour

| NO. | Item | Ft. |
|---|---|---|
| 11 | Stands D.P. | 719.33 |
| 1 | Singles D.P. | |
| 1 | D.C. □ | |
| | I.D. O.D. | |
| 14 | D.C. | 438.99 |
| | I.D. O.D. | |
| | Stb. Body O.D. | 6.42 |
| | Stb. Body O.D. | 5.08 |
| | Rmr. Body O.D. | |
| | Subs O.D. | |
| | Bit or C.B. | |
| | Kelly Down | 16.18 |
| | Total | 1185.00 |

Wt. of String: 54,000 Lbs. — Pipe in Hole: 23 Jts. — Pipe on Racks: 88 Jts. — Total Pipe on Lease: 111 Jts.

### Bit Record

| | |
|---|---|
| Bit No. | 2 |
| Size | 7⅞ |
| Mfg. | H.W. |
| Type | X1G1 |
| Nozzle No. | 2-16 |
| Nozzle Size | 1-18 |
| Ser. No. | XT 856 |
| Depth Out | |
| Depth In | 1137 |
| Total Ftg. | 48 |
| Total Hr. Run | 1½ |
| Cond. of Bit | RUNN |
| Reamer No. | |
| Reamer Type | |

MATERIAL CHARGED TO OPERATOR:

### Mud Record

| | | | |
|---|---|---|---|
| Time | | 200 | 400 |
| Weight | | | |
| Visc.-Sec. | | 45 | 45 |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | | | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added: Type / Amt. / Type / Amt. — (none)

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1137 | 1185 | 48 | | | | 100 | 30 | 700 | 6½ | | | | |

Deviation Record: Depth — Dev. — Direction: (none)

### Details of Operations in Sequence and Remarks

| Hour Started | Hour Stopped | Elapsed Time | Details |
|---|---|---|---|
| 800 | 945 | 1¾ | TRIP FOR BIT LAY DOWN SHOCK SUB. |
| 945 | 1000 | ¼ | RIG SERVICE |
| 1000 | 1100 | 1 | CLEAN MUD TANKS. |
| 1100 | 100 | 2 | MIX GEL. |
| 100 | 200 | 1 | RUN IN WITH BIT. |
| 200 | 215 | ¼ | DISPLACE HOLE WITH MUD |
| 215 | 230 | ¼ | DRILLING |
| 230 | 245 | ¼ | WORK ON AIR LINES |
| 245 | 400 | 1¼ | DRILLING |

## EVENING TOUR

### Drilling Assembly at End of Tour

| NO. | Item | Ft. |
|---|---|---|
| 14 | Stands D.P. | 875.87 |
| 1 | Singles D.P. | 30.82 |
| | D.C. | |
| 15 | I.D. O.D. | 438.99 |
| | D.C. | |
| | I.D. O.D. | |
| | Stb. Body O.D. | 6.42 |
| | Stb. Body O.D. | |
| | Rmr. Body O.D. | 5.08 |
| | Subs O.D. | |
| | Bit or C.B. | |
| | Kelly Down | 8.82 |
| | Total | 1366 |

Wt. of String: 54,000 Lbs. — Pipe in Hole: 29 Jts. — Pipe on Racks: 82 Jts. — Total Pipe on Lease: 111 Jts.

### Bit Record

| | |
|---|---|
| Bit No. | 2 |
| Size | 7⅞ |
| Mfg. | H W |
| Type | X1G1 |
| Nozzle No. | 3 |
| Nozzle Size | 18 |
| Ser. No. | XT 856 |
| Depth Out | |
| Depth In | 1137 |
| Total Ftg. | 229 |
| Total Hr. Run | 6 |
| Cond. of Bit | |
| Reamer No. | |
| Reamer Type | |

MATERIAL CHARGED TO OPERATOR:

### Mud Record

| | | | |
|---|---|---|---|
| Time | 5:00 | 8:00 | 11:00 |
| Weight | 9.0 | 9.4 | |
| Visc.-Sec. | 32 | 40 | 51 |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | | | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| Gel | 2900 | | |
| Petter | 100 | | |
| Caustic | 50 | | |

Driller: R. GACEK

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1185 | 1366 | 181 | D | | | 110 | 35 | 750 | 6½ | 75 | | | |

Deviation Record

| Depth | Dev. | Direction |
|---|---|---|
| 1304 | ¾ | |

### Details of Operations in Sequence and Remarks

| Hour Started | Hour Stopped | Elapsed Time | Details |
|---|---|---|---|
| 4:00 | 4:15 | ¼ | RIG SERVICE |
| 4:15 | 7:00 | 2¾ | DRILLING |
| 7:00 | 7:15 | ¼ | SERVEY |
| 7:15 | 9:00 | 1¾ | DRILLING |
| 9:00 | 9:30 | ½ | WORK TIGHT HOLE |
| 9:30 | 10:00 | ½ | TIGHTEN BELTS ON COMPRESSER |
| 10:00 | 12:00 | 2. | PULL OUT OF HOLE TO LAY DOWN SQUARE COLLOR. |

Nº 1094

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Lease Well Name: PLACIO CHEVRON KAKISA
Location — Lsd. 2-71 Sec. 60 Twp. 50 Rge. 117 W 30M.
Date: FEB. 16 1968

Weather Condition: COLD
Road Conditions: GOOD
Nearest Town: HAY RIVER
Water - Source: CREEK
Miles Hauled: 1/2
Pumped:
Camp Distance from Rig:
Reason for Extra L. Plant: STAND BY

OPERATOR: PLACID OIL Co.

Rig No. 4 DWKS T.12

| Drill Pipe String No. | Size | Tool Joint O.D. | Type Thd. |
|---|---|---|---|
| | 4½ | 5¾ | 4½ F.H. |

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

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

## PUMPS

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | NATIONAL | C-150B | 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 |
|---|---|---|---|---|---|---|---|
| 8⅝ | | 24# J55 | 4 | 114' | 12.20 | 113' | |

## TIME DISTRIBUTION—HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | 6¼ | 7¾ | 7½ |
| Reaming | 1 | | |
| Conditioning Mud & Circulating | | | |
| Trips | 3/4 | | |
| Lubricate Rig | 1/4 | ¼ | 1/4 |
| Deviation Survey | | | 1/4 |
| Test B.O.P. | | | |
| Cut Off Drilling Line | | | |
| Repair Rig | | | |
| Coring | | | |
| Wire Line Logging | | | |
| Running Casing & Cementing | | | |
| Waiting on Cement | | | |
| Drill Stem Test | | | |
| Other | | | |
| 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. 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. of Trips Since Last Cut | |
| Cumulative Ton. Mi. of Trips | |
| No. of Days From Spud | |
| Cumulative Rotating Hrs. | |

## MORNING TOUR

### DRILLING ASSEMBLY AT END OF TOUR

| NO. | Item | Ft. |
|---|---|---|
| | Stands D.P. | |
| | Singles D.P. | |
| | D.C. | |
| | 6¼ O.D. | 207.90 |
| | D.C. | 25 |
| | I.D. O.D. | |
| | Stab. Body 6¼ O.D. | 6.42 |
| | Shock Stab. Body O.D. | 11.35 |
| | Rmr. Ream Body O.D. | 5.08 |
| | Subs X/O O.D. | 2.60 |
| | Bit or C.B. | |
| | Kelly Down | 38.65 |
| | Total | 266.00 |
| | Wt. of String (Lbs.) | |
| | Pipe in Hole (Jts.) | |
| | Pipe on Racks (Jts.) | |
| | Total Pipe on Lease (Jts.) | 111 |

### BIT RECORD

| | |
|---|---|
| Bit No. | #1 |
| Size | 7⅞ |
| Mfg. | H.W. |
| Type | X-16 |
| Nozzle No. | 3 |
| Nozzle Size | 18 |
| Ser. No. | 94297 |
| Depth Out | |
| Depth In | 113 |
| Total Ftg. | 153 |
| Total Hr. Run | 8¾ |
| Cond. of Bit | IN |
| Reamer No. | |
| Reamer Type | |

MATERIAL CHARGED TO OPERATOR

### MUD RECORD

| Time | 2:00 | 4:00 | 6:00 |
|---|---|---|---|
| Weight | 8.3 | 8.3 | 8.4 |
| Visc.-Sec. | 28 | 28 | 28 |
| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 158 | 266 | 108 | D | | | 80 | 20 | 550 | 6½ | 80 | 6 | | S |

Deviation Record

| Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

| Hour Started | Hour Stopped | Elapsed Time | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|
| 12:00 | 1:00 | 1 | REAMING SQUARE D.C. THROUGH CSG. BOWL. |
| 1:00 | 1:15 | 1/4 | RIG SERV. & B.O.P. ck. |
| 1:15 | 1:45 | 1/2 | RUN IN REAM 44' TO BOTTM. |
| 1:45 | 8:00 | 6¼ | DRILLING |

## DAY TOUR

### DRILLING ASSEMBLY AT END OF TOUR

| NO. | Item | Ft. |
|---|---|---|
| 44 | Stands D.P. | 470.70 |
| | Singles D.P. | |
| 14 | D.C. 6¼ | 406.82 |
| | I.D. O.D. | |
| | D.C. | |
| | I.D. O.D. | |
| | Stab. Shock Body O.D. | 11.35 |
| | Stab. Ream Body O.D. | 5.08 |
| | Body O.D. | 2.60 |
| | Subs O.D. | 6.42 |
| | Bit or C.B. | |
| | Kelly Down | 34.73 |
| | Total | 466 |
| | Wt. of String (Lbs.) | 46,000 |
| | Pipe in Hole (Jts.) | |
| | Pipe on Racks (Jts.) | |
| | Total Pipe on Lease (Jts.) | 111 |

### BIT RECORD

| | |
|---|---|
| Bit No. | 1 |
| Size | 7⅞ |
| Mfg. | HW |
| Type | X1GJ |
| Nozzle No. | 3 |
| Nozzle Size | 16 |
| Ser. No. | 94297 |
| Depth Out | |
| Depth In | 113 |
| Total Ftg. | 353 |
| Total Hr. Run | 16½ |
| Cond. of Bit | Rnd |
| Reamer No. | |
| Reamer Type | |

MATERIAL CHARGED TO OPERATOR

### MUD RECORD

| Time | 10.00 | 12.00 | 2.00 |
|---|---|---|---|
| Weight | 8.6 | 8.6 | 8.6 |
| Visc.-Sec. | 28 | 28 | 28 |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | | | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| | | | |

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 266 | 466 | 200 | | | | 135 | 25000 | 600 | 6½ | 78 | 6 | | 5 |

Deviation Record

| Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

| Hour Started | Hour Stopped | Elapsed Time | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|
| 8:00 | 8:15 | 1/4 | RIG SERVICE BOPS CHECKED |
| 8:15 | 4:00 | 7¾ | DRILLING |

## EVENING TOUR

### DRILLING ASSEMBLY AT END OF TOUR

| NO. | Item | Ft. |
|---|---|---|
| 4 | Stands D.P. | 250.38 |
| | Singles D.P. | |
| 15 | D.C. I.D. O.D. | 438.99 |
| | D.C. | |
| | I.D. O.D. | |
| | Stab. Shock Body | 11.35 |
| | Stab. Ream Body | 5.07 |
| | Rmr. Body O.D. | |
| | Subs O.D. | 6.42 |
| | Bit or C.B. | |
| | Kelly Down | 34.78 |
| | Total | 727 |
| | Wt. of String (Lbs.) | 50000 |
| | Pipe in Hole (Jts.) | 8 |
| | Pipe on Racks (Jts.) | 103 |
| | Total Pipe on Lease (Jts.) | 111 |

### BIT RECORD

| | |
|---|---|
| Bit No. | 1 |
| Size | 7⅞ |
| Mfg. | H.W |
| Type | X1GJ |
| Nozzle No. | 3 |
| Nozzle Size | 18 |
| Ser. No. | 94297 |
| Depth Out | |
| Depth In | 113 |
| Total Ftg. | 612 |
| Total Hr. Run | 25 |
| Cond. of Bit | IN |
| Reamer No. | |
| Reamer Type | |

MATERIAL CHARGED TO OPERATOR

### MUD RECORD

| Time | 4.00 | 8.00 | 11.00 |
|---|---|---|---|
| Weight | 8.6 | 8.6 | 8.6 |
| Visc.-Sec. | 28 | 28 | 28 |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | | | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| | | | |

Driller: Bernie Gacek

### 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 466 | 727 | 261 | D | | | 80 | 28 | 650 | 6½ | 77 | | | |
| | | | | | | 110 | 36 | 650 | 6½ | 77 | | | |

Deviation Record

| Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction |
|---|---|---|---|---|---|---|---|---|
| 690 | ½° | | | | | | | |

| Hour Started | Hour Stopped | Elapsed Time | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|
| 4:00 | 4:15 | 1/4 | RIG SERVICE |
| 4:15 | 10:45 | 6½ | DRILLING |
| 10:45 | 11:00 | 1/4 | SURVEY |
| 11:00 | 12:00 | 1 | DRILLING |

No - 1093

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

| | |
|---|---|
| Lease Well Name | PLACID CHEVRON KAKISA |
| Location — Lsd. | L-71 Sec. 60° Twp. 50' Rge. 117° W. 30' M. |
| Date | FEB. 15 1968 |
| Weather Condition | 5° ABOVE |
| Road Conditions | GOOD |
| Nearest Town | HAY RIVER |
| Water - Source | CREEK |
| Miles Hauled | 41 |
| Pumped | |
| Camp Distance from Rig | 800' |
| Reason for Extra L. Plant | |
| Operator | PLACID OIL CO. |
| Signature of Operator's Representative | |
| Signature of Contractor's Tool Pusher | O.R. Clark |
| Rig No. | 4 |
| DWKS | T-12 |
| Drill Pipe String — No. | 111 |
| Drill Pipe String — Size | 4½ |
| Tool Joint | 5¾ O.D. |
| Type Thd. | 4½ F.H. |

**PUMPS**

| No. | Manufacturer | Type | Stroke Length |
|---|---|---|---|
| 1. | NATIONAL | B-150 B | 12" |
| 2. | G-DENVER | FG-FX6 | 10" |
| 3. | | | |

**LAST CASING, TUBING OR LINER**

| Size | Make | Wt. & Gr. | No Joints | Feet | RKB. to CSG. HD. | Set at | Remarks |
|---|---|---|---|---|---|---|---|
| 8⅝ | | 24 J55 | 4 | 114 | 12.20 | 113 | |

## TIME DISTRIBUTION—HOURS

| | Morn | Day | Eve |
|---|---|---|---|
| Rig Up & Tear Down | | | |
| Drilling Actual | | | 4½ |
| Reaming | | | 1¾ |
| Conditioning Mud & Circulating | | | |
| Trips | | | 1 |
| Lubricate Rig | | | ¼ |
| Deviation Survey | | | |
| Test B.O.P. | ¼ | | |
| Cut Off Drilling Line | | | |
| Repair Rig | | | |
| Coring | | | |
| Wire Line Logging | | | |
| Running Casing & Cementing | | | |
| Waiting on Cement | 7¾ | | |
| Stem Test | | | |
| Other | | | ½ |
| 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 | | | |
| 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. | | Mfg. | | | Visc.-Sec. | | | |
| | I.D. O.D. | Ft. | Type | | | 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. | | | SD. Cont. % | | | |
| | Stb. Body O.D. | Ft. | Depth Out | | | Pressure Gradient | | | |
| | 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. | | | | Driller | | | |

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

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 113' | | | | | | | | | | | | | |

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 | 1³⁰ | 1½ | | | | | | HEADING UP. |
| 1³⁰ | 1⁴⁵ | ¼ | | | | | | PRESSURE TEST BLIND RAMS TO 1000# P.S.I. |
| | | | | | | | | FOR 15 MINS. OK. |
| 1⁴⁵ | 4⁰⁰ | 2¼ | | | | | | HOOK UP DESILTER |
| 4⁰⁰ | 5³⁰ | 1½ | | | | | | RIG UP TO DIG MOOSE HOLE |
| 5³⁰ | 8⁰⁰ | 2½ | | | | | | WORK ON YELLOW DOG & DRILL MOUSE HOLE |

## DAY TOUR

| NO. | Drilling Assembly at End of Tour | | Bit Record | | | Mud Record | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Stands D.P. | Ft. | Bit No. | 1 | | Time | | 7:00 | |
| | Singles D.P. | Ft. | Size | 7⅞ | | Weight | | | |
| | D.C. | | Mfg. | HW | | Visc.-Sec. | | | |
| | I.D. O.D. | Ft. | Type | X1G J | | W.L.-C.C. | | | |
| | D.C. | | Nozzle No. | 3 | | FL TR. CK. | | | |
| | I.D. O.D. | Ft. | Nozzle Size | 16 | | PH | | | |
| | Stb. Body O.D. | Ft. | Ser. No. | 94297 | | SD. Cont. % | | | |
| | Stb. Body O.D. | Ft. | Depth Out | | | Pressure Gradient | | | |
| | 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. | | | | Driller | L. SWEEZEY | | |

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

| 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 |
|---|---|---|---|---|---|---|---|---|
| 800 | 815 | | | | | | | RIG SERVICE. |
| 815 | 930 | | | | | | | FINISH MOUSE HOLE WORK on yellow DOG |
| 930 | 230 | | | | | | | WORK ON DESILTER |
| 230 | 400 | | | | | | | RUN IN PRESSURE TEST HYDRILL |
| | | | | | | | | CHECKED MOTOR SHUTOFFS OK |

## EVENING TOUR

| NO. | Drilling Assembly at End of Tour | | Bit Record | | | Mud Record | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Stands D.P. | Ft. | Bit No. | 1 | 2 | Time | 9:00 | | |
| | Singles D.P. | Ft. | Size | 7⅞ | ~~7⅞~~ | Weight | 8.3 | | |
| 3 | D.C. 2⅞ 6¼ I.D. O.D. | 85.33 Ft. | Mfg. | HW | ~~HW~~ | Visc.-Sec. | 28 | | |
| | | | Type | X1G J | ~~X1G J~~ | W.L.-C.C. | | | |
| | D.C. 1-Sq. | 29.78 | Nozzle No. | 3 | 3 | FL TR. CK. | | | |
| | I.D. 1½ O.D. | Ft. | Nozzle Size | 16 | ~~16~~ | PH | | | |
| | Stb. Body 6¼ O.D. | 11.35 Ft. | Ser. No. | 94297 | ~~94297~~ | SD. Cont. % | | | |
| | Stb. Body 6¼ O.D. | 6.42 Ft. | Depth Out | ~~158~~ | | Pressure Gradient | | | |
| | Rmr. Body 6¼ O.D. | 5.08 Ft. | Depth In | 113 | ~~158~~ | | | | |
| | Subs O.D. | Ft. | Total Ftg. | 45 | | | | | |
| | Bit or C.B. | Ft. | Total Hr. Run | 3½ | | | | | |
| | Kelly Down | 20.04 Ft. | Cond. of Bit | | | | | | |
| | Total | 158.00 Ft. | Reamer No. | | | | | | |
| | Wt. of String | 24000 Lbs. | Reamer Type | | | | | | |
| | Pipe in Hole | Jts. | Material Charged to Operator | | | | | | |
| | Pipe on Racks | Jts. | | | | | | | |
| | Total Pipe on Lease | 111 Jts. | | | | Driller | | | |

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

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 113' | 158 | 45 | D | | | 80 | 20 | 800 | 6¾ | | | | |

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 | | | | | | DRILL FLOAT & SHOE |
| 500 | 515 | ¼ | | | | | | RIG SERVICE. |
| 515 | 600 | ¾ | | | | | | DRILLING. |
| 600 | 630 | ½ | | | | | | WORK ON PUMP & SWIVEL. |
| 630 | 9¹⁵ | 2¾ | | | | | | DRILLING |
| 9¹⁵ | 10¹⁵ | 1 | | | | | | HOIST OUT, PICK UP SQUARE D.C. REAMER, STAB. |
| 10¹⁵ | 12⁰⁰ | 1¾ | | | | | | REAMING SQUARE D.C. in Csg. Bowl. |

No. 1092

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Lease Well Name: PLACID CHEVRON KAKISA

Location — Lsd. L-11 Sec. 60 Twp. 50 Rge. 117 W30 M.

Date: FEB. 14 1968

Weather Condition: Foggy | Road Conditions: GOOD | Nearest Town: HAY RIVER | Water-Source: CREEK | Miles Hauled: 1/2 | Pumped: | Camp Distance from Rig: 300 ft. | Reason for Extra L. Plant: STANDBY

OPERATOR: PLACID OIL CO

SIGNATURE OF OPERATOR'S REPRESENTATIVE: J. Roscchuk

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

Rig No.: 4 | DWKS: 1-12

| Drill Pipe String No. | Size | Tool Joint | Type Thd. |
|---|---|---|---|
| 111 | 4 1/2 | 5 3/4" O.D. | F.H. |

## PUMPS

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | C-150-B | | 12" |
| 2. | G- DENVER | FO FXE | 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 | 3 3/4 | | |
| Conditioning Mud & Circulating | 1/2 | | |
| Trips | 1/2 | | |
| Lubricate Rig | 1/4 | | |
| Deviation Survey | | | |
| Test B.O.P. | | | |
| Cut Off Drilling Line | | | |
| Repair Rig | | | |
| Coring | | | |
| Wire Line Logging | | | |
| Running Casing & Cementing | 3 | | |
| Waiting on Cement | | 8 | 8 |
| Drill Stem Test | | | |
| Other | | | |
| Fishing | 5 | | |
| 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
Feet Slipped
Feet Cut Off
Present Length
Ton-Mi. or Trips Since Last Cut
Cumulative Ton-Mi. or Trips
No. of Days From Spud
Cumulative Rotating Hrs.

## MORNING TOUR

### DRILLING ASSEMBLY AT END OF TOUR

| NO. | Item | Ft. |
|---|---|---|
| | Stands D.P. | |
| | Singles D.P. | |
| | D.C. I.D. O.D. | |
| 2 | D.C. 2 I.D. 6 1/4 O.D. | 54.94 |
| 1 | Stb. Body Shock O.D. | 11.35 |
| 1 | Stb. Body 4/6 O.D. | 2.61 |
| 1 | Rmr. Body 8/7 5 O.D. | 2.95 |
| 1 | Subs BEll O.D. | 1.17 |
| | Bit or C.B. | .85 |
| | Kelly Down | 38.13 |
| | Total | 113.00 |

Wt. of String: Lbs. | Pipe in Hole: Jts. | Pipe on Racks: Jts. | Total Pipe on Lease: 111 Jts.

### BIT RECORD

| | |
|---|---|
| Bit No. | 2 |
| Size | 12 1/4 |
| Mfg. | SEC. |
| Type | S-3 |
| Nozzle No. | |
| Nozzle Size | 3-11/16 |
| Ser. No. | 908241 |
| Depth Out | 113 |
| Depth In | 0 |
| Total Ftg. | 113 |
| Total Hr. Run | 9 1/4 |
| Cond. of Bit | |
| Reamer No. | |
| Reamer Type | |

MATERIAL CHARGED TO OPERATOR

### MUD RECORD

| | | |
|---|---|---|
| Time | 7:00 | 4:00 |
| Weight | 8.9 | 8.8 |
| Visc.-Sec. | 72 | 87 |
| W.L.-C.C. | | |
| FL. TR. CK. | | |
| PH | | |
| SD. Cont. % | | |
| Pressure Gradient | | |

Mud & Chemicals Added

| Type | Amt. | Type | Amt. |
|---|---|---|---|
| CAUSTIC | 25# | | |

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 82' | 113' | 29' | R | | | 100 | 6000 | 300 | 6 1/2 | 65 | 6 | | S |
| REAMED | | | | | | | | | | | | | |

Deviation Record: Depth | Dev. | Direction (blank)

### DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

| Hour Started | Hour Stopped | Elapsed Time | A | B | C | D | Acc. D.T. | Details |
|---|---|---|---|---|---|---|---|---|
| 12:00 | 12:15 | 1/4 | | | | | | RIG SERV. |
| 12:15 | 4:00 | 3 3/4 | | | | | | REAMING 8 3/4" HOLE, TO 12 1/4" (82 - 113') |
| 4:00 | 4:30 | 1/2 | | | | | | CIRC. FOR CASEING |
| 4:30 | 5:00 | 1/2 | | | | | | HOIST OUT |
| 5:00 | 5:30 | 1/2 | | | | | | RIG UP FOR CSG. |
| 5:30 | 8:00 | 2 1/2 | | | | | | RUN 4 JTS CSG, CIRC. & CEMENT SAME |

RAN 4 JTS. (114') OF 8 5/8" 24# J-55
STC CASING. LANDED ON BTM. @ 113.00' KB.
CEMENTED WITH 100 SKS. NORMAL CEMENT
PLUS 4% CACL. PLUG DOWN @ 8:00 AM. FEB 14/68
2 BBLS OF RETURNS.

## DAY TOUR

Drilling assembly, bit record and mud record: blank.

Pump No. 1 Liner Size: 6 1/2

| Hour Started | Hour Stopped | Elapsed Time | Details |
|---|---|---|---|
| 8:00 | 1:00 | 5 | W.O.C. DIG CELLER |
| 1:00 | 4:00 | 3 | CUT OFF CASEING WELD ON BOWL |

~~CHANGE HEADS & LINER IN C-150~~

Driller: L. SWEETEY

## EVENING TOUR

Drilling assembly, bit record and mud record: blank.

| Hour Started | Hour Stopped | Elapsed Time | Details |
|---|---|---|---|
| 4:00 | 12:00 | 8 | HEAD UP |

Driller: B. GACEK

No 1091

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Lease Well Name: PLACID CHEVRON KAHISA
Location: 2-71-60-50-117-30 — Lsd. — Sec. — Twp. — Rge. — W. — M.
Date: FEB 13 1968
Weather Condition: GOOD | Road Conditions: FAIR | Nearest Town: HAY RIVER | Water-Source: CREEK | Miles Hauled: 1/2 | Pumped: | Camp Distance from Rig: | Reason for Extra L. Plant: EMERGENCY

OPERATOR: PLACID OIL COMPANY

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

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

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

| PUMPS No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | NATIONAL | C-150B | 12 |
| 2. | G DENVER | F. FXX | 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 | 6¼ | 7½ | 3/4 |
| Reaming | | | 5½ |
| Conditioning Mud & Circulating | | | |
| Trips | | | 1¼ |
| Lubricate Rig | | 1/4 | 1/4 |
| Deviation Survey | | 1/4 | 1/4 |
| Test B.O.P. | | | |
| Cut Off Drilling Line | | | |
| Repair Rig | 3/4 | | |
| Coring | | | |
| Wire Line Logging | | | |
| Running Casing & Cementing | | | |
| Waiting on Cement | | | |
| Drill Stem Test | | | |
| Other | 1 | | |
| Fishing | | | |
| COMPLETION WORK A. Perforating | | | |
| B. Tubing Trips | | | |
| C. Swabbing | | | |
| D. Testing | | | |
| E. Additional | | | |
| Totals | 8 | 8 | 8 |

TIME SUMMARY (Office Use Only): Day Work — Hrs. W/DP — Hrs. WO/DP — Hrs. Standby

WIRE LINE RECORD: Reel No. — No. of Lines — Size — Feet Slipped — Feet Cut Off — Present Length — Ton Mi. or Trips Since Last Cut — Cumulative Ton Mi. or Trips — No. of Days From Spud — Cumulative Rotating Hrs.

## MORNING TOUR

| DRILLING ASSEMBLY AT END OF TOUR | | BIT RECORD | |
|---|---|---|---|
| No. | 1 | Bit No. | 1 |
| Stands D.P. | | Size | 8 3/4 |
| Singles D.P. | | Mfg. | FOECO |
| D.C. I.D. O.D. | 27.46 Ft. | Type | MHC |
| D.C. I.D. O.D. | | Nozzle No. / Size | |
| Shock Body Sub O.D. | 11.36 Ft. | Ser. No. | 62041 |
| Sub. Chn. Body Sub O.D. | 2.61 Ft. | Depth Out | |
| Rmr. Body O.D. | 2.95 Ft. | Depth In | 0 |
| Subs O.D. | | Total Ftg. | 75 |
| Bit or C.B. | | Total Hr. Run | 7 3/4 |
| Kelly Down | 30.63 Ft. | Cond. of Bit | |
| Total | 75' | Reamer No. | |
| Wt. of String | 2500 Lbs. | Reamer Type | |
| Pipe in Hole | | MATERIAL CHARGED TO OPERATOR | |
| Pipe on Racks | 111 | | |
| Total Pipe on Lease | 111 | | |

| MUD RECORD | | | |
|---|---|---|---|
| Time | 1.00 | 3.00 | 7.00 |
| Weight | 8.6 | 8.7 | 8.8 |
| Visc.-Sec. | 46 | 50 | 57 |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | | | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

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

Driller: Bernie Gacek

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 30 | 75 | 45 | D | | | 100 | 25 | 300 | 6½ | 65 | 6 | | 5 |

Deviation Record: Depth — Dev. — Direction

| Hour Started | Hour Stopped | Elapsed Time | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|
| 12.00 | 2.00 | 2 | DRILLING |
| 2.00 | 2.45 | 3/4 | MAKE UP SWIVEL |
| 2.45 | 6.30 | 3 3/4 | DRILLING |
| 6.30 | 7.30 | 1 | LAY DOWN COLLAR & PICK UP SHOCK SUB |
| 7.30 | 8.00 | 1/2 | DRILLING |

## DAY TOUR

| DRILLING ASSEMBLY AT END OF TOUR | | BIT RECORD | |
|---|---|---|---|
| Stands D.P. | | Bit No. | 1 |
| Singles D.P. | | Size | 8 3/4 |
| D.C. 2 | | Mfg. | REED |
| I.D. 6¼ O.D. | 54.94 Ft. | Type | MHC |
| D.C. I.D. O.D. | | Nozzle No. / Size | 7/16 |
| Shock Body Sub O.D. | 11.35 Ft. | Ser. No. | 62041 |
| X-Over Body Sub O.D. | 2.61 Ft. | Depth Out | |
| Rmr. Body O.D. | | Depth In | 0 |
| Subs Bit Sub O.D. | 2.95 Ft. | Total Ftg. | 106 |
| Bit or C.B. | | Total Hr. Run | 15 1/4 |
| Kelly Down | 35.00 Ft. | Cond. of Bit | RUN |
| Total | 106.00 Ft. | Reamer No. | |
| Wt. of String | | Reamer Type | |
| Pipe in Hole | | MATERIAL CHARGED TO OPERATOR | |
| Pipe on Racks | | | |
| Total Pipe on Lease | 111 | | |

| MUD RECORD | | | |
|---|---|---|---|
| Time | 9.00 | 11.00 | 2.00 |
| Weight | 8.7 | 8.7 | 8.7 |
| Visc.-Sec. | 56 | 50 | 45 |
| 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 | S.P.M. | Pump No. 2 Liner Size | S.P.M. | Method Run |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 75 | 106 | 31 | D | | | 100 | 25 | 300 | 6½ | 65 | 6 | | 5 |

Deviation Record: Depth 70' — Dev. 3/4°

| Hour Started | Hour Stopped | Elapsed Time | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|
| 8.00 | 10.00 | 2 | DRILLING 8 3/4 HOLE |
| 10.00 | 10.15 | 1/4 | RIG SERV. |
| 10.15 | 10.30 | 1/4 | SURVEY |
| 10.30 | 4.00 | 5½ | DRILLING |

## EVENING TOUR

| DRILLING ASSEMBLY AT END OF TOUR | | BIT RECORD | | |
|---|---|---|---|---|
| No. | 1 | Bit No. | 1 | 2 |
| Stands D.P. | | Size | 8 3/4 | 12¼ |
| Singles D.P. | | Mfg. | REED | SES |
| D.C. 6¼ I.D. O.D. | 27.46 | Type | MHC | S3 |
| D.C. I.D. O.D. | | Nozzle No. / Size | 3/16 | |
| Shock Body Sub O.D. | 11.35 Ft. | Ser. No. | 62041 | 905241 |
| X-Over Body Sub O.D. | 2.61 Ft. | Depth Out | 113 | |
| Rmr. Body O.D. | 2.95 Ft. | Depth In | 0 | 0 |
| Subs Bit Sub O.D. | 1.77 Ft. | Total Ftg. | 113 | 82 |
| Bit or C.B. | | Total Hr. Run | 16 | 5½ |
| Kelly Down | 38.46 Ft. | Cond. of Bit | | |
| Total | 82.00 Ft. | Reamer No. | | |
| Wt. of String | | Reamer Type | | |
| Pipe in Hole | | MATERIAL CHARGED TO OPERATOR | | |
| Pipe on Racks | | | | |
| Total Pipe on Lease | 111 | | | |

| MUD RECORD | | | |
|---|---|---|---|
| Time | 6.00 | 8.00 | 10.00 |
| Weight | 8.7 | 8.9 | 8.9 |
| Visc.-Sec. | 45 | 62 | 80 |
| W.L.-C.C. | | | |
| FL TR. CK. | | | |
| PH | | | |
| SD. Cont. % | | | |
| Pressure Gradient | | | |

| Mud & Chemicals Added Type | Amt. | Type | Amt. |
|---|---|---|---|
| Gel | 1400 lb | | |
| Caustic | 50 lb | | |

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 | S.P.M. | Pump No. 2 Liner Size | S.P.M. | Method Run |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 106 | 113 | 7 | D | | | 100 | 5 | 350 | 6½ | 65 | 6 | | 5 |
| 0 | 82 | 82 | R | | | 100 | 1-5 | 350 | 6½ | 65 | 6 | | |

Deviation Record: Depth 111 — Dev. 3/4

| Hour Started | Hour Stopped | Elapsed Time | DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS |
|---|---|---|---|
| 4.00 | 4.15 | 1/4 | RIG SERVICE |
| 4.15 | 5.00 | 3/4 | DRILL 8 3/4 HOLE |
| 5.00 | 5.15 | 1/4 | RUN SURVEY |
| 5.15 | 6.30 | 1¼ | PULL OUT RUN 12¼ REAM. |
| 6.30 | 12.00 | 5½ | REAM 12¼ HOLE (0-82') |

№ 1090

GUTHRIE McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Lease Well Name: PLACID CHEURON KAKISA L-71 N 60°15' W 117°30'
Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.
Date: FEB 12 1968
Weather Condition: MILD 20° Road Conditions: GOOD
Nearest Town: HAY RIVER Water - Source: CREEK Miles Hauled: 1/2 Pumped ___
Camp Distance from Rig: 200 FT Reason for Extra L. Plant: EMERGENCY

OPERATOR: PLACID OIL COMPANY

Rig No.: 4 DWKS T-12
Drill Pipe String: No. 110 Size 2 1/2
Tool Joint: 5 3/4 O.D. Type Thd.: IF

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

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

PUMPS

| No. | MANUFACTURER | TYPE | STROKE LENGTH |
|---|---|---|---|
| 1. | NATIONAL | C 150-B | 12 |
| 2. | GARDNER DENVER | FO-EXO | 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 | | | |
| 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 | | | |
| 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 | |
| Hr. W/DP | |
| Hr. 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 | | BIT RECORD | | MUD RECORD | |
|---|---|---|---|---|---|---|
| | Stands D.P. | Ft. | Bit No. | | Time | |
| | Singles D.P. | Ft. | Size | | Weight | |
| | D.C. I.D. O.D. | Ft. | Mfg. | | Visc.-Sec. | |
| | D.C. I.D. O.D. | Ft. | Type | | W.L.-C.C. | |
| | | | Nozzle No. / Size | | FL. TR. CK. | |
| | Stb. Body O.D. | Ft. | Ser. No. | | PH | |
| | Stb. 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: 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 |
|---|---|---|---|---|---|---|---|---|
| 7:00 | 5:00 | | | | | | | MOVE CAMP & RIG 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. | |
| | D.C. I.D. O.D. | Ft. | Type | | W.L.-C.C. | |
| | | | Nozzle No. / Size | | FL. TR. CK. | |
| | Stb. Body O.D. | Ft. | Ser. No. | | PH | |
| | Stb. 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: 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 |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | RIGGING UP ON NEW LOCATION |

## EVENING TOUR

| NO. | DRILLING ASSEMBLY AT END OF TOUR | | BIT RECORD | | MUD RECORD | |
|---|---|---|---|---|---|---|
| | Stands D.P. | Ft. | Bit No. | X 1 | Time | |
| | Singles D.P. | Ft. | Size | ~~7 7/8~~ 8 3/4 | Weight | |
| | D.C. I.D. O.D. | Ft. | Mfg. | SEC REED | Visc.-Sec. | |
| | D.C. I.D. O.D. | Ft. | Type | S3 M4C | W.L.-C.C. | |
| | | | Nozzle No. / Size | | FL. TR. CK. | |
| | Stb. Body O.D. | Ft. | Ser. No. | ~~[illegible]~~ 62041 | PH | |
| | Stb. Body O.D. | Ft. | Depth Out | | SD. Cont. % | |
| | Rmr. Body O.D. | Ft. | Depth In | 0 | Pressure Gradient | |
| | Subs O.D. | Ft. | Total Ftg. | 30 | Mud & Chemicals Added: Type / Amt. / Type / Amt. | |
| | Bit or C.B. | Ft. | Total Hr. Run | 1 1/2 | | |
| | 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 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 | S.P.M. | Pump No. 2 Liner Size | S.P.M. | Method Run SGL-S Par'el-P Com'd-C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 30 | 30 | 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 |
|---|---|---|---|---|---|---|---|---|
| 9:00 | 10:30 | | | | | | | RIG UP |
| 10:30 | 12:00 | 1 1/2 | | | | | | SPUD 8 3/4 HOLE. DRILLING |

№ 1089

GUTHRIE & McLAREN Drilling Ltd.

# DAILY DRILLING REPORT

Lease / Well Name: PLACID CHEVRON KARISA L-71

Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.: N 60° 15' W 117° 30'

Date: FEB 11 19 68

Weather Condition: +20° MILD | Road Conditions: GOOD | Nearest Town: HAY RIVER | Water - Source ___ Miles Hauled ___ Pumped ___ | Camp Distance from Rig ___ Reason for Extra L. Plant ___

OPERATOR: PLACID OIL COMPANY

Rig No.: 4 DWKS

Drill Pipe String: No. ___ Size ___

Tool Joint O.D. / Type Thd.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

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

| 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 Liners ___ 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. | | Mfg. | | Visc.-Sec. | |
| | I.D. O.D. | Ft. | Type | | 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. | | 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 |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | MOVE & RIG 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. | | Mfg. | | Visc.-Sec. | |
| | I.D. O.D. | Ft. | Type | | 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. | | 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 Jack Ledger | |

| 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 | 7:00 | | | | | | | MOVING Rig & 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. | | Mfg. | | Visc.-Sec. | |
| | I.D. O.D. | Ft. | Type | | 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. | | 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 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 | 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 |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | TEAR OUT RIG AND MOVE |