

KERR MCGEE JEAN MARIE

C-73

WELL NAME **Karr-McGee John Marie C-73**

FIELD

LOCATION

Unit

C

Area:

73

Section

Grid

61-30-120-30

Latitude

61-22-10

Longitude

120-44-05

From Established Reference Marker

U.W.L.R. 61.36945 --- 120.73472

U.W.I. 300C736130120300

Rig Release Date: 29-4-69

Status

Information Release Date

CHANGE OF NAME:

| DATE RECEIVED  | INDEX                                                                                  |
|----------------|----------------------------------------------------------------------------------------|
| March 19, 1969 | Application for a Drilling Authority.<br>Well Completion Data.<br>Well History Report. |
|                | Application to Amend a Drilling Authority.                                             |
|                | Application to change a Well Name.                                                     |
| July 23, 1969  | Application to Abandon a Well or Suspend Drilling.                                     |
|                | Application to Alter Condition of a Well.                                              |
| 7<br>17-8-69   | Well History Supplement.<br>Well Completion Data.<br>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<br>Logs. Large scale Small scale  |

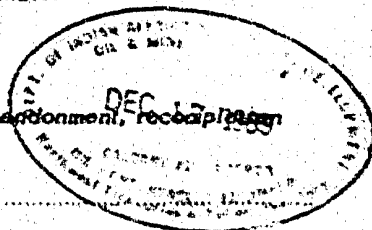


Drilling Authority No. 365  
Date Issued: 19, 1969

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, recapping or suspension of every well.



Well name and number: KERR-McGEE JEAN WILIE C-73  
Permit No. 4247 Lease No. \_\_\_\_\_  
Kerr-McGee, Can. Superior, Exploratory Licence No. 1253, 1206, 1259 & 1271  
Andox (Permitter, Licensee, Lessee)  
Kerr-McGee of Canada Northwest, Exploratory Licence No. 1281 and 1282  
(Operator) Ltd.  
Location: Unit: C Section: 73 Grid: 61-30-120-38  
Latitude: 61-22-10" Longitude: 120-44-05"  
From Established Reference Marker: Dom. Land Survey NE Cor. Twp. 43, Rge. 1, W6  
Universal Well Location Reference: 61-36945-N Lat.; 120-73472-W Long.

|                    | DATE    | DEPTH | Pool(s)                                      |
|--------------------|---------|-------|----------------------------------------------|
|                    |         |       | Interval(s) open to production               |
| Spudded            | 22/3/69 |       |                                              |
| Suspended          |         |       |                                              |
| Resumed Operations |         |       |                                              |
| Finished Drilling  | 28/3/69 |       |                                              |
| Deepened           |         |       | Elevation: Gr. 584 K.B. 699                  |
| Complete (gas/oil) |         |       | Rig No. 29                                   |
| Abandoned          | 29/3/69 | 2500  | Drilling Contractor: Regent Drilling Limited |
| Rig released       | 29/3/69 | 2500  | Contractor's Business Licence No. A-2584     |

CASING RECORD

| Casing Size (Inches) | Grade | Weight | Amount | Set at - | Sacks of Cement and Additives     |
|----------------------|-------|--------|--------|----------|-----------------------------------|
| 1. 8 5/8             | J-55  | 24.0   | 470    | 455      | 285 Conts. w/2% CaCl <sub>2</sub> |
| 2.                   |       |        |        |          |                                   |
| 3.                   |       |        |        |          |                                   |
| 4.                   |       |        |        |          |                                   |
| 5.                   |       |        |        |          |                                   |
| 6.                   |       |        |        |          |                                   |

| GEOLOGICAL TOPS | ELEVATION |         | CORE RECORD |    |      |      |    |      |
|-----------------|-----------|---------|-------------|----|------|------|----|------|
|                 | Depth     | Sub-Sea | From        | To | Rec. | From | To | Rec. |
| Et. Simpson     | 5         | +694    |             |    |      |      |    |      |
| Horn River      | 1925      | -1225   |             |    |      |      |    |      |
| Hume Lmstn.     | 2310      | -1611   |             |    |      |      |    |      |
| Dolomitic Lmstn | 2475      | -1776   |             |    |      |      |    |      |
|                 |           |         |             |    |      |      |    |      |
|                 |           |         |             |    |      |      |    |      |
|                 |           |         |             |    |      |      |    |      |
|                 |           |         |             |    |      |      |    |      |
|                 |           |         |             |    |      |      |    |      |

LOG RECORD

| Run No. | Type of Log | From | To  |
|---------|-------------|------|-----|
| 1       | I.E.S.      | 2501 | 466 |
| 2       | BHC - SGR-C | 2492 | 466 |
|         |             |      |     |
|         |             |      |     |
|         |             |      |     |
|         |             |      |     |
|         |             |      |     |
|         |             |      |     |
|         |             |      |     |
|         |             |      |     |

| CEMENTING RECORD (Plug, Squeeze, etc.)                                                       |      |      |                                                  | PERFORATING RECORD (Bullet, Jet) |      |    |         | SERVICING RECORD (Acidizing, Flaring, etc.) |      |    |         |
|----------------------------------------------------------------------------------------------|------|------|--------------------------------------------------|----------------------------------|------|----|---------|---------------------------------------------|------|----|---------|
| Date                                                                                         | From | To   | Remarks                                          | Date                             | From | To | Remarks | Date                                        | From | To | Remarks |
| 28/3/69                                                                                      | 2500 | 2250 | no fool 120 sks. cement                          |                                  |      |    |         |                                             |      |    |         |
| 29/3/69                                                                                      | 515  | 401  | foolt after 8 hrs.<br>85 sks. cement w/2% Calcl. |                                  |      |    |         |                                             |      |    |         |
| Casing cut off, 5 sk. cement plug run on top<br>1/2 plate with abandonment marker installed. |      |      |                                                  |                                  |      |    |         |                                             |      |    |         |

DRILL STEM TESTS

| No. | Date | Formation | From | To | V.O.<br>Mins. | I.S.I.<br>Mins. | F.S.I.<br>Mins. | I.S.I.R.H.P. | F.S.I.R.H.P. | L.F.R.H.P. | F.F.R.H.P. | L.H.P. | F.H.P. | REMARKS |
|-----|------|-----------|------|----|---------------|-----------------|-----------------|--------------|--------------|------------|------------|--------|--------|---------|
|     |      |           |      |    |               |                 |                 |              |              |            |            |        |        |         |
|     |      |           |      |    |               |                 |                 |              |              |            |            |        |        |         |
|     |      |           |      |    |               |                 |                 |              |              |            |            |        |        |         |
|     |      |           |      |    |               |                 |                 |              |              |            |            |        |        |         |
|     |      |           |      |    |               |                 |                 |              |              |            |            |        |        |         |
|     |      |           |      |    |               |                 |                 |              |              |            |            |        |        |         |
|     |      |           |      |    |               |                 |                 |              |              |            |            |        |        |         |
|     |      |           |      |    |               |                 |                 |              |              |            |            |        |        |         |
|     |      |           |      |    |               |                 |                 |              |              |            |            |        |        |         |
|     |      |           |      |    |               |                 |                 |              |              |            |            |        |        |         |

| ANALYSIS |        |      |    | PRESENT STATUS OF WELL |         |           |            |
|----------|--------|------|----|------------------------|---------|-----------|------------|
| Lab. No. | Sample | From | To | Source                 | Remarks | Oil       | (Interval) |
|          |        |      |    |                        |         |           |            |
|          |        |      |    |                        |         | Gas       | (Interval) |
|          |        |      |    |                        |         | Dry ... X |            |
|          |        |      |    |                        |         | Susp.     |            |

Company **Kerr-McGee of Canada Northwest, L**  
 Signed by *[Signature]*  
 Title **Division Production Superintendent**  
 Date **July 17, 1969**

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



File No. \_\_\_\_\_  
Drilling Authority No. **366**

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT  
**RESOURCE MANAGEMENT DIVISION**

JUL 21 1969

**Application to Abandon a Well**

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

Name and number of well **Kerr-McCaw Jean Marie C-73**  
Location: Unit **C** Section **73** Grid **61-30-1; 120-30-1**  
Latitude **61-22-10"** Longitude **120-44-05"**  
From Established Reference Marker **Dom. Land Survey NE Corner Twp. 143, Rge. 14W5**  
Universal Well Location Reference **61-36945-N. Lat.; 120-73472-W. Long.**  
Permit No. **4247** Lease No. \_\_\_\_\_

**Kerr-McCaw, Can. Superior, Anderson**  
Operator, Licensee, Lessee

Date of commencement of proposed program **28 March 1969**

**OIL, GAS, AND WATER ENCOUNTERED**  
(Depths)

Oil at **none**  
Gas at **none**  
Water at **none**  
Total Depth **2500** Date of last operation **29 March 1969**  
Present condition of well **plugged and abandoned - verbal permission received prior to commencement**

**CASING RECORD**

| Casing Size O.D. Inches | Weight      | Amount     | Set At—    | Books of Cement and Additives         | Amount Packed |
|-------------------------|-------------|------------|------------|---------------------------------------|---------------|
| 1. <b>8 5/8</b>         | <b>24.0</b> | <b>470</b> | <b>465</b> | <b>285 Const. w/ 2 1/2 C&amp;C 12</b> | <b>none</b>   |
| 2.                      |             |            |            |                                       |               |
| 3.                      |             |            |            |                                       |               |
| 4.                      |             |            |            |                                       |               |
| 5.                      |             |            |            |                                       |               |

**PROPOSED ABANDONMENT PROGRAM**

| No.      | Plug                                     | Geological Formation | Number of Books of Cement | Remarks |
|----------|------------------------------------------|----------------------|---------------------------|---------|
|          | Position                                 |                      |                           |         |
| <b>1</b> | <b>2500-2250</b>                         | <b>Mues</b>          | <b>120</b>                |         |
| <b>2</b> | <b>515-401</b>                           | <b>Ft. Simpson</b>   | <b>85</b>                 |         |
| <b>3</b> | <b>Surface plug, riser and man plate</b> |                      |                           |         |
|          |                                          |                      |                           |         |
|          |                                          |                      |                           |         |
|          |                                          |                      |                           |         |
|          |                                          |                      |                           |         |

The following logs have been run **ILS and Sonic-GR-Caliper**  
Other operations proposed **none**

Operations to be carried out by **Reasant Drilling Ltd** Contractor Licence No. **A-2584**

Address **Edmonton, Alberta** Address **A-2584**

Responsible Agent in field **Gordon Berthiaume**

Dated at **Calgary, Alberta** this **17th** Day of **July** 19 **69**

Signed by **Bert O. Macleod** Company **Kerr-McCaw of Canada Northwest, Ltd.**

Title **Div. Prod. Supt.** Operator's Exploratory Licence No. **1281 & 1282**

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, including No. 3 above, given by Mr. B.H.J. Thomas on the 28th March 1969.**

Dated **28th July** 19 **69**

**B.H.J. Thomas**  
Oil Conservation Engineer

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

Drilling Authority No. 366

Project No.

File No.



DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT  
RESOURCE MANAGEMENT DIVISION

## Application for a Drilling Authority

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

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

Name and number of well KERR-McGEE JEAN MARIE C-73  
 Location: Unit C Section 73 Grid Lat 61°30' Long 120°30'  
 Latitude 61° 22' 10" Longitude 120° 44' 05"  
 From Established Reference Marker Dominion Land Survey NE Cor twp 143 rge 14W6M  
 Universal Well Location Reference 61.36945° N Lat 120.73472° W Long  
 Elevation: Ground 684 K.B. 699 feet above sea-level.  
 Well is expected to produce from Middle Devonian Carbonates formation at a depth  
 of about 2,600 feet. Expected total final depth 2,600  
 Area assigned to well

(For Oil Conservation Engineer's use only)

Permit No. 4247 Lease No. 61,272 Acreage 61,272  
 Permittee, licensee, or lessee Canadian Superior, Kerr-McGee, Amex Oil Co. Ltd.  
 Corporation  
 Exploratory Licence No. 1206 1253 1259 and 1271  
 Surface owned by Crown or Crown  
 (If allocated 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 | Section of Cement  |
|---------------------------|------------------|-------------|-------------|-----------------|--------------------|
| 1. <u>8-5/8"</u>          | <u>24.0#</u>     | <u>J-55</u> | <u>New</u>  | <u>450</u>      | <u>Full Length</u> |
| 2.                        |                  |             |             |                 |                    |
| 3.                        |                  |             |             |                 |                    |
| 4.                        |                  |             |             |                 |                    |
| 5.                        |                  |             |             |                 |                    |

Expected water, gas, and oil horizons and type of control equipment  
Middle Devonian Carbonates

Double Gate BOP and Hydril (Bag Type)

Well will be drilled with Rotary Rig No. 29 by Regent Drilling Co.

(Drilling Contractor or company)

12912 - 125 Avenue, Edmonton, Alberta.

Responsible agent of applicant:— Contractor's Business Licence No. A-2584  
 At well Bill O. Holliday At registered office Bill O. Holliday  
 Address 880 Bentall Bldg., Calgary, Alberta Address 880 Bentall Bldg., Calgary, Alberta  
 It is understood that if changes become necessary, notice of the change of plan will be submitted.  
 Dated at Calgary, Alberta this 18th day of March 1969  
 Signed by Bill O. Holliday Company Kerr-McGee of Canada Northwest, Ltd.  
 Title Divn Production Supt. Operator's Licence No. 1281 (1968-69) and 1282 (1969-70)

(For Resource Management Division use only)

### APPROVED

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

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

Dated 19th March 1969

Oil Conservation Engineer

(over)

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

LAND 52-90-1 (3-67)

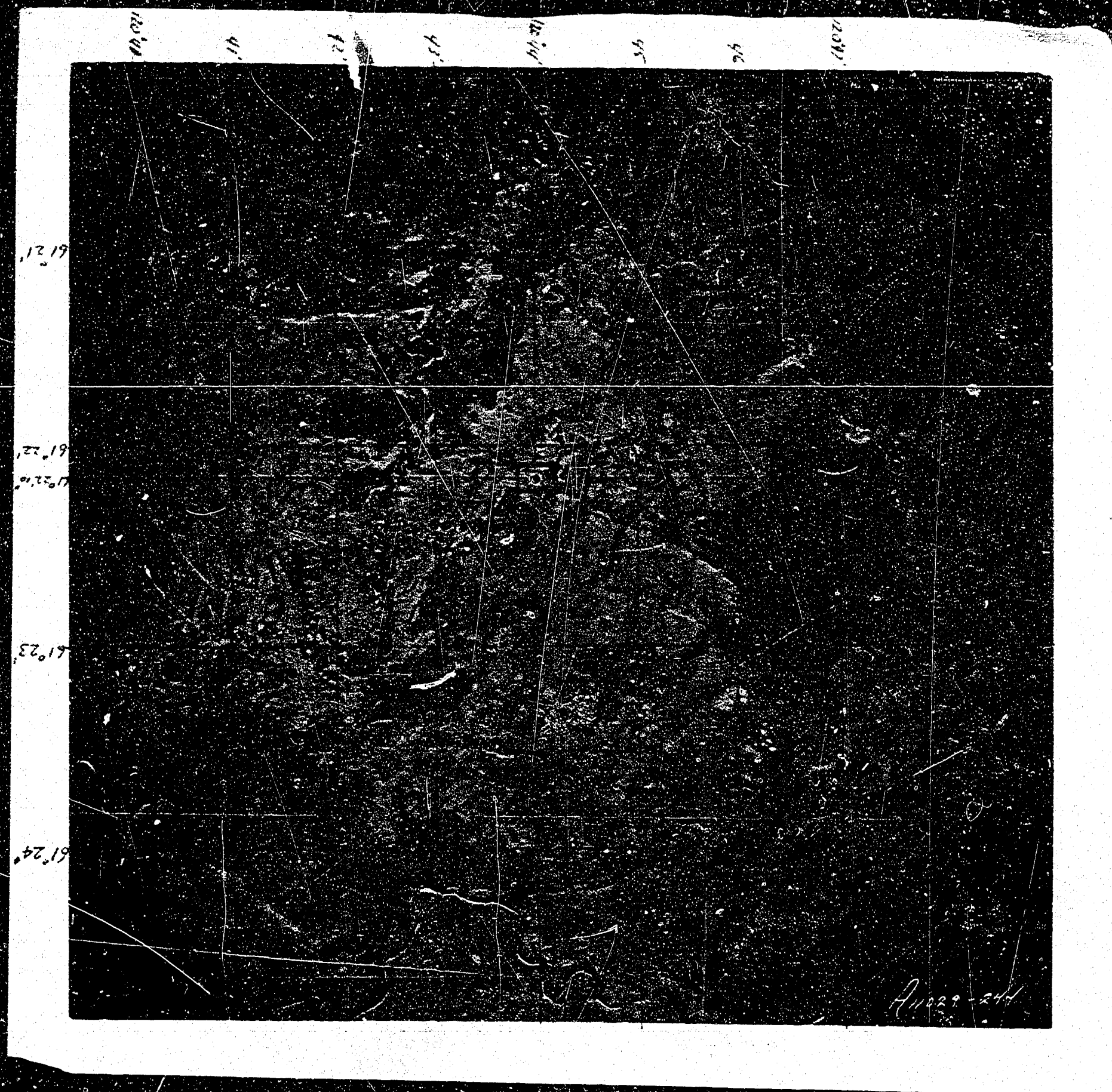
UNIQUE WELL IDENTIFIER - 300C736130120300

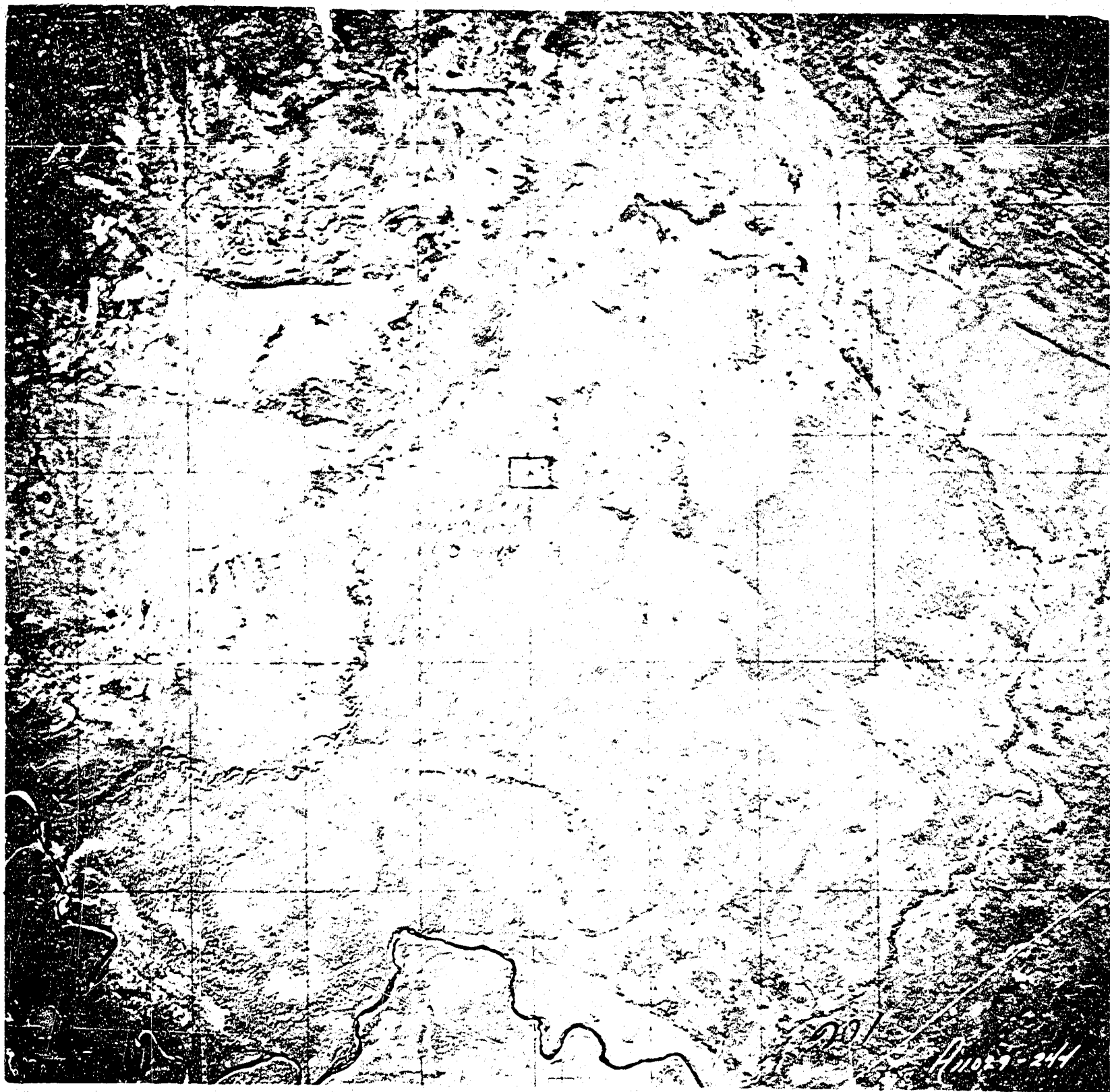


drilling fluids, chemicals and wastes shall be disposed of or contained in a manner that will prevent the contamination of adjacent vegetation and surface or sub-surface waters.

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

Bert S. Thomas  
Oil Conservation Engineer





Her. M<sup>c</sup> Kew Jean Marie C-73

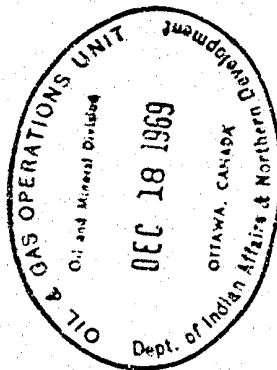
WELL HISTORY REPORT

KERR-MCGEE JEAN MARIE C-73

WELL HISTORY REPORT

KERR-McGEE      JEAN MARIE      C-73

KERR-McGEE OF CANADA NORTHWEST LTD.,  
Eighth Floor,  
355 - 4th Avenue, S.W.  
CALGARY 1, Alberta



Compiled by:

BOH

Submitted by:

Paul O. Hurdley

Date:

15 Dec 1969

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KERR-McGEE JEAN MARIE C-73

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\* \* \*

## S U M M A R Y

### Section I - Summary of Well Data

Well Name: Kerr-McGee Jean Marie C-73

Permittee: Kerr-McGee Corporation; Canadian Superior Oil Ltd.;  
and Andex Oil Co. Ltd.

Operator: Kerr-McGee of Canada Northwest, Ltd.  
Eighth Floor, 355 - 4th Avenue, S.W.  
CALGARY 1, Alberta

Location: Unit C, Section 73, Grid 61° 30'; 120° 30'  
Universal Well Location Reference -  
Lat. 61.36945° N  
Long. 120.73472° W

Co-ordinates: Unique Well Identifier 3000736130120300

Permit No.: 4247

Drilling Contractor: Regent Drilling Limited  
Rig No. 29 - Rotary Type

Drilling Authority: 366, March 19, 1969

Classification: Wildcat

Elevations: KB - 699  
Grd - 684

Spudded: March 22, 1969

Completed Drilling: March 28, 1969

Total Depth: 2500'

Well Status: Dry and abandoned

Rig Released: March 29, 1969

Hole Sizes: 12 1/2" to 465'  
7 7/8" to 2500'

Casing: Ran 8-5/8 to 465' with  
285 sax cement.

Location: 61° 22' 10" North Lat.  
120° 44' 05" W. Long.

## GEOLOGICAL SUMMARY

### Section II

|                 |                     |      |         |
|-----------------|---------------------|------|---------|
| Formation Tops: | Fort Simpson Shale  | 5    | (. 694) |
|                 | Horn River Shale    | 1925 | (-1226) |
|                 | Hume Limestone      | 2310 | (-1611) |
|                 | Dolomitic Limestone | 2475 | (-1776) |
|                 | Total Depth         | 2502 | (-1803) |

Cored Intervals: None

Core Description: None

Sample Description:

|            |                                                                                                                    |
|------------|--------------------------------------------------------------------------------------------------------------------|
| 5-1925'    | <u>Shale</u> - green and buff, silty                                                                               |
| 1925-2310' | <u>Shale</u> - black and dark brown, smooth, with brown streak. Minor silt stringers. Strong odor of hydrocarbons. |
| 2310-2475' | <u>Limestone</u> - dark brown, finely crystalline, non-porous, bituminous.                                         |
| 2475-2502' | <u>Dolomitic Limestone</u> - tan and brown, finely crystalline and dense, non-porous.                              |

## ENGINEERING SUMMARY

### Section III

Drill Stem Tests: None

Casing Record: Ran 15 jts. 8 5/8" O.D. 24# J-55  
ST & C 8 RR 2 and 3 with Baker float  
snee and insert float and 4 centralizers =  
total 470.20'. landed at 465 RKB.  
Mixed 285 sx. construction cement with  
2% CaCl<sub>2</sub>. 15.4 - 15.6# slurry.  
Plug down at 12:19 AM, March 24, 1969  
with 1000 psi. floats held. Had good  
returns throughout, circulated 12 bbls.  
cement at surface.

Bit Record: #1A 12 1/4" S-3 465' in 22 1/2 hrs.  
#1 7 7/8" X-3A 1835' in 42 3/4 hrs.  
#2 7 7/8" M-4A-N 180' in 22 hrs.

Mud Report: Gel

Deviation Record:

|       |        |
|-------|--------|
| 50'   | 1°     |
| 90'   | 1°     |
| 120'  | 7/8°   |
| 180'  | 1/2°   |
| 240'  | 1/2°   |
| 258'  | 3/4°   |
| 370'  | 1/4°   |
| 460'  | 1/2°   |
| 880'  | 1/4°   |
| 1110' | 3/4°   |
| 1420' | 1 1/4° |
| 1900' | 3°     |
| 2000' | 2 7/8° |
| 2143' | 3/4°   |
| 2500' | 3°     |

### Abandonment Plugs:

Plug #1 2500-2250 - 120 sax oilwell cement  
in place @ 1:48 AM,  
March 29, 1969.

Plug #2 515-415 - 85 sax construction  
cement w/2% CaCl<sub>2</sub> in  
place @ 3:48 AM,  
March 29, 1969.  
Felt at 401 KB.

Cut casing and set 5 sax cement on top.  
Weld 1/2" plate and abandonment marker.

Lost Circulation Zones: nil

Reports of Blowouts: nil

Section IV

Logs

Ran Schlumberger Induction Electrical Log

2" x 100' from 466 to 2501

5" x 100' from 2100 to 2501

Date: March 29, 1969

Ran Schlumberger Borehole Compensated Sonic Log  
(integrated)

2" x 100' from 466-2492

5" x 100' from 2100-2492

Date: March 29, 1969

(copies attached to back of report)

### DAY WORK RECORD

[illegible]

# REGENT DRILLING LIMITED

## DAY WORK RECORD

DATE March 28/69 REPORT NO. \_\_\_\_\_

WELL NAME Kennie Lee Jean Name  
C73

DATE March 29/69

RIG NO. 29

LOCATION LSD. \_\_\_\_\_ SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RGE. \_\_\_\_\_

PLEASE SHOW FOOTAGE MADE WHILE  
"CONTROL DRILLING" AS WELL AS HOURS  
AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

| PUMPS                         |  |  | MANUFACTURER |  | TYPE         | STROKE LENGTH | LAST CASING SIZE |  | LAST CASING SET AT  |  | DATE  |  | WELL NAME            |  | RIG NO.  |  | LOCATION LSD.         |  | SEC. |  | TWP.              |  | RGE. |  | DATE    |  | REPORT NO.            |  |  |  |
|-------------------------------|--|--|--------------|--|--------------|---------------|------------------|--|---------------------|--|-------|--|----------------------|--|----------|--|-----------------------|--|------|--|-------------------|--|------|--|---------|--|-----------------------|--|--|--|
| TOUR NO. 1 MIDNIGHT TO 8 A.M. |  |  | HOURS        |  | 2448         |               | 52               |  | 2500                |  | 1 1/2 |  | 7017                 |  | 21x6 1/4 |  | 50"                   |  | 8    |  | 126               |  | 0    |  | 2230    |  |                       |  |  |  |
| DRILLER                       |  |  | G NASLUND    |  | 8            |               |                  |  |                     |  |       |  |                      |  |          |  |                       |  |      |  |                   |  |      |  |         |  |                       |  |  |  |
| DERRICK                       |  |  | E PEALO      |  | 8            |               |                  |  |                     |  |       |  |                      |  |          |  |                       |  |      |  |                   |  |      |  |         |  |                       |  |  |  |
| FLOOR                         |  |  | EA. DAY      |  | 8            |               |                  |  |                     |  |       |  |                      |  |          |  |                       |  |      |  |                   |  |      |  |         |  |                       |  |  |  |
| FLOOR                         |  |  | R PETERSON   |  | 8            |               |                  |  |                     |  |       |  |                      |  |          |  |                       |  |      |  |                   |  |      |  |         |  |                       |  |  |  |
| FLOOR                         |  |  | J MCKENZIE   |  | 8            |               |                  |  |                     |  |       |  |                      |  |          |  |                       |  |      |  |                   |  |      |  |         |  |                       |  |  |  |
| FIREMAN                       |  |  |              |  |              |               |                  |  |                     |  |       |  |                      |  |          |  |                       |  |      |  |                   |  |      |  |         |  |                       |  |  |  |
| MECHANIC                      |  |  |              |  |              |               |                  |  |                     |  |       |  |                      |  |          |  |                       |  |      |  |                   |  |      |  |         |  |                       |  |  |  |
| INJURIES                      |  |  |              |  |              |               |                  |  |                     |  |       |  |                      |  |          |  |                       |  |      |  |                   |  |      |  |         |  |                       |  |  |  |
| TOTAL                         |  |  | 2500         |  |              |               |                  |  |                     |  |       |  |                      |  |          |  |                       |  |      |  |                   |  |      |  |         |  |                       |  |  |  |
| TOUR NO. 2 8 A.M. TO 4 P.M.   |  |  | HOURS        |  | 2500         |               |                  |  |                     |  |       |  |                      |  |          |  |                       |  |      |  |                   |  |      |  |         |  |                       |  |  |  |
| DRILLER                       |  |  | R FERGUSON   |  | 8            |               |                  |  |                     |  |       |  |                      |  |          |  |                       |  |      |  |                   |  |      |  |         |  |                       |  |  |  |
| DERRICK                       |  |  | L WAGNER     |  | 8            |               |                  |  |                     |  |       |  |                      |  |          |  |                       |  |      |  |                   |  |      |  |         |  |                       |  |  |  |
| FLOOR                         |  |  | R SCHWETZER  |  | 8            |               |                  |  |                     |  |       |  |                      |  |          |  |                       |  |      |  |                   |  |      |  |         |  |                       |  |  |  |
| FLOOR                         |  |  | R MCKOWAN    |  | 8            |               |                  |  |                     |  |       |  |                      |  |          |  |                       |  |      |  |                   |  |      |  |         |  |                       |  |  |  |
| FLOOR                         |  |  | R RAULSTON   |  | 8            |               |                  |  |                     |  |       |  |                      |  |          |  |                       |  |      |  |                   |  |      |  |         |  |                       |  |  |  |
| FIREMAN                       |  |  |              |  |              |               |                  |  |                     |  |       |  |                      |  |          |  |                       |  |      |  |                   |  |      |  |         |  |                       |  |  |  |
| MECHANIC                      |  |  |              |  |              |               |                  |  |                     |  |       |  |                      |  |          |  |                       |  |      |  |                   |  |      |  |         |  |                       |  |  |  |
| INJURIES                      |  |  |              |  |              |               |                  |  |                     |  |       |  |                      |  |          |  |                       |  |      |  |                   |  |      |  |         |  |                       |  |  |  |
| TOTAL                         |  |  | 2500         |  |              |               |                  |  |                     |  |       |  |                      |  |          |  |                       |  |      |  |                   |  |      |  |         |  |                       |  |  |  |
| TOUR NO. 3 4 P.M. TO MIDNIGHT |  |  | HOURS        |  | 2500         |               |                  |  |                     |  |       |  |                      |  |          |  |                       |  |      |  |                   |  |      |  |         |  |                       |  |  |  |
| DRILLER                       |  |  | J L Johnson  |  | 8            |               |                  |  |                     |  |       |  |                      |  |          |  |                       |  |      |  |                   |  |      |  |         |  |                       |  |  |  |
| DERRICK                       |  |  | Holland      |  | 8            |               |                  |  |                     |  |       |  |                      |  |          |  |                       |  |      |  |                   |  |      |  |         |  |                       |  |  |  |
| FLOOR                         |  |  | J Lemke      |  | 8            |               |                  |  |                     |  |       |  |                      |  |          |  |                       |  |      |  |                   |  |      |  |         |  |                       |  |  |  |
| FLOOR                         |  |  | HOGGARTH     |  | 8            |               |                  |  |                     |  |       |  |                      |  |          |  |                       |  |      |  |                   |  |      |  |         |  |                       |  |  |  |
| FLOOR                         |  |  | RAWSON       |  | 8            |               |                  |  |                     |  |       |  |                      |  |          |  |                       |  |      |  |                   |  |      |  |         |  |                       |  |  |  |
| FIREMAN                       |  |  |              |  |              |               |                  |  |                     |  |       |  |                      |  |          |  |                       |  |      |  |                   |  |      |  |         |  |                       |  |  |  |
| MECHANIC                      |  |  |              |  |              |               |                  |  |                     |  |       |  |                      |  |          |  |                       |  |      |  |                   |  |      |  |         |  |                       |  |  |  |
| INJURIES                      |  |  |              |  |              |               |                  |  |                     |  |       |  |                      |  |          |  |                       |  |      |  |                   |  |      |  |         |  |                       |  |  |  |
| TOTAL                         |  |  | 2500         |  |              |               |                  |  |                     |  |       |  |                      |  |          |  |                       |  |      |  |                   |  |      |  |         |  |                       |  |  |  |
| DRILL PIPE SIZE               |  |  | 3 1/2        |  | TYPE         |               | IF               |  | TOTAL NO. OF JOINTS |  | 150   |  | DATE LAST SONOSCOPED |  | 73098    |  | TOTAL FOOTAGE DRILLED |  |      |  | LAST CALIPER DATE |  |      |  | RESULTS |  | CODE LETTER OF STRING |  |  |  |
| B.O.P.'S TESTED               |  |  |              |  | ELAPSED TIME |               |                  |  | PRESSURE            |  |       |  | RESULTS              |  |          |  | TOTCO RING ON BIT NO. |  |      |  |                   |  |      |  |         |  |                       |  |  |  |

REMARKS

DR. 11 7 1/2 HOLE

DR. 11 7 1/2 HOLE

C.R.C.

105 TD DUNNOUT K.P.

NO FILL

610 PULVER + FOUNDATION MUD 800

To log.

930 1 1/2

930 945 1 1/2

PULL OUT TO LOG MEASURE

945 1145 2

Logging

1145 400 4 1/4

Logging +

400 500 1

LAY DOWN LOGGING TOOLS

500 1

RUN IN COLLAR + LAY DOWN

500 930 4 1/2

RUN IN DRILL PIPE +

930

PICK UP 21 SINGLES

1145 2 1/4

C.R.C.

1145 1200 1/4

TOOLPUSHER Wanda Watson

APPROVED BY \_\_\_\_\_

# REGENT DRILLING LIMITED

## DAY WORK RECORD

WELL NAME Ken 5 1/2" Hole Jean 7 1/2" Hole  
C73

DATE March 27/69 REPORT NO. \_\_\_\_\_

PLEASE SHOW FOOTAGE MADE WHILE  
 "CONTROL DRILLING" AS WELL AS HOURS  
 AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

| LAST CASING SIZE    |                 | LAST CASING SET AT |                     | DATE                  |                                      | RIG NO.               |                       | LOCATION    |                 | LSD.          |                   | SEC.                 |                  | TWP.               |                       | RGE.              |           |
|---------------------|-----------------|--------------------|---------------------|-----------------------|--------------------------------------|-----------------------|-----------------------|-------------|-----------------|---------------|-------------------|----------------------|------------------|--------------------|-----------------------|-------------------|-----------|
| 8 3/4"              |                 | 465'               |                     | 27/69                 |                                      | 29                    |                       |             |                 |               |                   |                      |                  |                    |                       |                   |           |
| FROM                | FOOTAGE         | TOTAL DEPTH        | HOURS ON BOTTOM     | DRILL PIPE WEIGHT     | NO. AND SIZE OF D.C.'S               | D.C. WEIGHT           | TRIPS                 | NO OF LINES | TOTAL TON MILES | LINE CUT FEET | AT MILES          | FEET LEFT ON SPOOL   | DATE OF LAST CUT | AT SURVEYS DEGREES |                       | REMARKS           |           |
| 2220                | 100             | 2320               | 4 1/2               | 68M                   | 21x6 1/2                             | 50M                   | 8                     | 112         | 0               |               |                   | 2230                 |                  | 2143               | 3 1/4                 | DRILL 7 3/4" HOLE |           |
| NO.                 | DRILLING STRING |                    | BITS RUN NO.        | SIZE                  | NOZZLE SIZE                          | SERIAL NO.            | TYPE                  | WEIGHT      | RPM             | FOOTAGE FROM  | FOOTAGE TO        | FOOTAGE              | HOURS            | CORED FROM         | CORED TO              | REAMED FROM       | REAMED TO |
| 19                  | STANDS          |                    | 1                   | 7 3/4"                | 3x14                                 | 8050                  | X38                   | 20          | 90              | 465           | 2320              | 1855                 | 42 3/4           |                    |                       |                   |           |
| 1                   | SINGLES         |                    | 2                   | 7 3/4"                | 3x14                                 | 168305                | MAH4                  |             |                 |               |                   |                      |                  |                    |                       |                   |           |
| 21                  | D.C.'S          |                    | 61291               | FT.                   |                                      |                       |                       |             |                 |               |                   |                      |                  |                    |                       |                   |           |
| SUB                 |                 | 362                | FT.                 | MUD                   | 12 MID.                              | 2 A.M.                | 4 A.M.                | 6 P.M.      | WATER LOSS      | FILTER CAKE   | PH                | GENERAL REMARKS      |                  |                    |                       |                   |           |
| SUB                 |                 | 248                | FT.                 | WEIGHT                | 9.4                                  | 9.5                   | 9.5                   |             |                 |               |                   |                      |                  |                    |                       |                   |           |
| BIT OR C.B.         |                 |                    | FT.                 | VISCOSITY             | 40                                   | 65                    | 65                    |             |                 |               |                   | ADDITIVES <u>Hel</u> |                  |                    |                       |                   |           |
|                     |                 |                    | FT.                 | PUMP PRESSURE         | 700                                  | 1000                  | 1000                  |             |                 |               |                   |                      |                  |                    |                       |                   |           |
| KELLY IN            |                 | 27                 | FT.                 | R.P.M. PUMP NO. 1     |                                      | 66                    | 66                    |             |                 |               |                   |                      |                  |                    |                       |                   |           |
|                     |                 |                    | FT.                 | R.P.M. PUMP NO. 2     |                                      |                       |                       |             |                 |               |                   |                      |                  |                    |                       |                   |           |
| TOTAL               |                 | 2320               | FT.                 | PUMP NO. 1 LINER SIZE | 5 1/2 x 14                           | PUMP NO. 2 LINER SIZE | 5 1/2 x 12            |             |                 |               |                   |                      |                  |                    |                       |                   |           |
| FROM                | FOOTAGE         | TOTAL DEPTH        | HOURS ON BOTTOM     | DRILL PIPE WEIGHT     | NO. AND SIZE OF D.C.'S               | D.C. WEIGHT           | TRIPS                 | NO OF LINES | TOTAL TON MILES | LINE CUT FEET | AT MILES          | FEET LEFT ON SPOOL   | DATE OF LAST CUT | AT SURVEYS DEGREES |                       | REMARKS           |           |
| 2320                | 70              | 2390               | 7 1/4               | 70M                   | 28-6 1/4                             | 50M                   | 8                     | 112         | 0               |               |                   | 2230                 |                  | 2113               | 3 1/4                 | FINISH 4" OF HOLE |           |
| NO.                 | DRILLING STRING |                    | BITS RUN NO.        | SIZE                  | NOZZLE SIZE                          | SERIAL NO.            | TYPE                  | WEIGHT      | RPM             | FOOTAGE FROM  | FOOTAGE TO        | FOOTAGE              | HOURS            | CORED FROM         | CORED TO              | REAMED FROM       | REAMED TO |
| 19                  | STANDS          |                    | 2                   | 7 3/4"                | 3-14                                 | 168305                | MAH4                  | 25          | 70              | 2320          | 2390              | 70                   | 7 1/4            |                    |                       |                   |           |
| 21                  | D.C.'S          |                    | 61291               | FT.                   |                                      |                       |                       |             |                 |               |                   |                      |                  |                    |                       |                   |           |
| SUB                 |                 | 362                | FT.                 | MUD                   | 8 A.M.                               | 10 A.M.               | 12 NOON               | 2 P.M.      | WATER LOSS      | FILTER CAKE   | PH                | GENERAL REMARKS      |                  |                    |                       |                   |           |
| SUB                 |                 | 248                | FT.                 | WEIGHT                | 9.5                                  | 9.5                   | 9.5                   | 9.5         | 11              | 3/32          | 9.0               |                      |                  |                    |                       |                   |           |
| BIT OR C.B.         |                 |                    | FT.                 | VISCOSITY             | 54                                   | 61                    | 62                    | 70          |                 |               |                   | ADDITIVES <u>Hel</u> |                  |                    |                       |                   |           |
|                     |                 |                    | FT.                 | PUMP PRESSURE         | 1000                                 | 1000                  | 1000                  | 1000        |                 |               |                   | Hel-2000             |                  |                    |                       |                   |           |
| KELLY IN            |                 | 36                 | FT.                 | R.P.M. PUMP NO. 1     | 66                                   | 66                    | 66                    | 66          | 60              | 50            |                   | 60-50                |                  |                    |                       |                   |           |
|                     |                 |                    | FT.                 | R.P.M. PUMP NO. 2     |                                      |                       |                       |             |                 |               |                   |                      |                  |                    |                       |                   |           |
| TOTAL               |                 | 2390               | FT.                 | PUMP NO. 1 LINER SIZE | 5 1/2 x 14                           | PUMP NO. 2 LINER SIZE | 5 1/2 x 12            |             |                 |               |                   |                      |                  |                    |                       |                   |           |
| FROM                | FOOTAGE         | TOTAL DEPTH        | HOURS ON BOTTOM     | DRILL PIPE WEIGHT     | NO. AND SIZE OF D.C.'S               | D.C. WEIGHT           | TRIPS                 | NO OF LINES | TOTAL TON MILES | LINE CUT FEET | AT MILES          | FEET LEFT ON SPOOL   | DATE OF LAST CUT | AT SURVEYS DEGREES |                       | REMARKS           |           |
| 2390                | 58              | 2448               | 8                   | 81-6 1/4              | 50000                                |                       | 8                     | 112         | 0               |               |                   | 2230                 |                  |                    |                       | DRILL             |           |
| NO.                 | DRILLING STRING |                    | BITS RUN NO.        | SIZE                  | NOZZLE SIZE                          | SERIAL NO.            | TYPE                  | WEIGHT      | RPM             | FOOTAGE FROM  | FOOTAGE TO        | FOOTAGE              | HOURS            | CORED FROM         | CORED TO              | REAMED FROM       | REAMED TO |
| 19                  | STANDS          |                    | 2                   | 7 3/4"                | 3-14                                 | 168305                | MAH4                  | 30          | 70              | 2320          | 2448              | 128                  | 15 1/4           |                    |                       |                   |           |
| 2                   | SINGLES         |                    |                     |                       |                                      |                       |                       |             |                 |               |                   |                      |                  |                    |                       |                   |           |
| 21                  | D.C.'S          |                    | 61291               | FT.                   |                                      |                       |                       |             |                 |               |                   |                      |                  |                    |                       |                   |           |
| SUB                 |                 | 248                | FT.                 | MUD                   | 4 P.M.                               | 6 P.M.                | 8 P.M.                | 10 P.M.     | WATER LOSS      | FILTER CAKE   | PH                | GENERAL REMARKS      |                  |                    |                       |                   |           |
| SUB                 |                 | 362                | FT.                 | WEIGHT                | 9.6                                  | 9.6                   | 9.7                   | 9.7         | 8.0             | 3/2           | 9.0               |                      |                  |                    |                       |                   |           |
| BIT OR C.B.         |                 |                    | FT.                 | VISCOSITY             | 69                                   | 95                    | 74                    | 69          |                 |               |                   | ADDITIVES <u>Hel</u> |                  |                    |                       |                   |           |
|                     |                 |                    | FT.                 | PUMP PRESSURE         | 1000                                 | 1000                  | 1000                  | 1050        |                 |               |                   | Hel 500#             |                  |                    |                       |                   |           |
| KELLY IN            |                 | 32.81              | FT.                 | R.P.M. PUMP NO. 1     | 66                                   | 66                    | 66                    | 66          | 60              | 50            |                   | CG 50#               |                  |                    |                       |                   |           |
|                     |                 |                    | FT.                 | R.P.M. PUMP NO. 2     |                                      |                       |                       |             |                 |               | Q Proxim-100#     |                      |                  |                    |                       |                   |           |
| TOTAL               |                 | 2448               | FT.                 | PUMP NO. 1 LINER SIZE | 5 1/2 x 14                           | PUMP NO. 2 LINER SIZE | 5 1/2 x 12            |             |                 |               |                   |                      |                  |                    |                       |                   |           |
| TOTAL NO. OF JOINTS |                 | 150                | DATE LAST SONOSCOPE |                       | FOOTAGE DRILLED SINCE LAST SONOSCOPE |                       | TOTAL FOOTAGE DRILLED |             | 23036           |               | LAST CALIPER DATE |                      | RESULTS          |                    | CODE LETTER OF STRING |                   |           |
| ELAPSED TIME        |                 | PRESSURE           |                     | RESULTS               |                                      | TOTCO RING ON BIT NO. |                       |             |                 |               |                   |                      |                  |                    |                       |                   |           |

TOOLPUSHER Wm Gustafson  
 APPROVED BY A. R. H. Hume

# REGENT DRILLING LIMITED

DAY WORK RECORD

WELL NAME WARR WICKER JUNIOR DATE 11/18/69 REPORT NO.           

DATE 11/18/69

RIG NO. 29

LOCATION LSD. C 73 SEC.        TWP.        RGE.       

PLEASE SHOW FOOTAGE MADE WHILE  
"CONTROL DRILLING" AS WELL AS HOURS  
AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

| LAST CASING SIZE    |         | LAST CASING SET AT |       | DATE                  |            | WELL NAME                              |            | DATE              |                    | REPORT NO.             |      |                       |  |         |  |                       |  |                 |  |               |  |          |  |                    |  |                  |  |            |  |                    |  |                |  |               |  |
|---------------------|---------|--------------------|-------|-----------------------|------------|----------------------------------------|------------|-------------------|--------------------|------------------------|------|-----------------------|--|---------|--|-----------------------|--|-----------------|--|---------------|--|----------|--|--------------------|--|------------------|--|------------|--|--------------------|--|----------------|--|---------------|--|
| FROM                |         | FOOTAGE            |       | TOTAL DEPTH           |            | HOURS ON BOTTOM                        |            | DRILL PIPE WEIGHT |                    | NO. AND SIZE OF D.C.'S |      | D.C. WEIGHT           |  | TRIPS   |  | NO OF LINES           |  | TOTAL TON MILES |  | LINE CUT FEET |  | AT MILES |  | FEET LEFT ON SPOOL |  | DATE OF LAST CUT |  | AT SURVEYS |  | DEGREES            |  | REMARKS        |  | TIME          |  |
| 1560                |         | 260                |       | 1820                  |            | 7 1/2                                  |            | 6211              |                    | 21x14                  |      | 50                    |  | 8       |  | 8                     |  | 0               |  | 2230          |  | 1540     |  | 1/4                |  | 1668             |  | 1/4        |  | DRILL LFSS WT 8000 |  | 120 1245 3/4   |  |               |  |
| 12                  | STANDS  | 1                  | 7 1/2 | 3x14                  | 8050       | X3A                                    | 1540       | 700               | 465                | 1540                   | 254  |                       |  |         |  |                       |  |                 |  |               |  |          |  |                    |  |                  |  |            |  |                    |  |                |  |               |  |
| 2                   | SINGLES | 116503             | FT.   |                       |            |                                        |            |                   |                    |                        |      |                       |  |         |  |                       |  |                 |  |               |  |          |  |                    |  |                  |  |            |  |                    |  |                |  |               |  |
| 21                  | D.C.'S  | 61291              | FT.   |                       |            |                                        |            |                   |                    |                        |      |                       |  |         |  |                       |  |                 |  |               |  |          |  |                    |  |                  |  |            |  |                    |  |                |  |               |  |
| SUB                 |         | 362                | FT.   | MUD                   | 12 MID.    | 2 A.M.                                 | 4 A.M.     | 6 P.M.            | WATER LOSS         | FILTER CAKE            | PH   | GENERAL REMARKS       |  |         |  |                       |  |                 |  |               |  |          |  |                    |  |                  |  |            |  |                    |  |                |  |               |  |
| SUB                 |         | 248                | FT.   | WEIGHT                | 9.4        | 9.6                                    | 9.8        | 9.6               |                    |                        |      |                       |  |         |  |                       |  |                 |  |               |  |          |  |                    |  |                  |  |            |  |                    |  |                |  |               |  |
| BIT OR C.B.         |         |                    | FT.   | VISCOSITY             | 42         | 42                                     | 50         | 45                | ADDITIVES          |                        |      |                       |  |         |  |                       |  |                 |  |               |  |          |  |                    |  |                  |  |            |  |                    |  |                |  |               |  |
|                     |         |                    | FT.   | PUMP PRESSURE         | 700        | 700                                    | 710        | 800               | Gel 1100           |                        |      |                       |  |         |  |                       |  |                 |  |               |  |          |  |                    |  |                  |  |            |  |                    |  |                |  |               |  |
| KELLY IN            |         | 41                 | FT.   | R.P.M. PUMP NO.1      | 66         | 66                                     | 66         | 66                |                    |                        |      |                       |  |         |  |                       |  |                 |  |               |  |          |  |                    |  |                  |  |            |  |                    |  |                |  |               |  |
| TOTAL               |         | 1820.04            | FT.   | R.P.M. PUMP NO.2      |            |                                        |            |                   |                    |                        |      |                       |  |         |  |                       |  |                 |  |               |  |          |  |                    |  |                  |  |            |  |                    |  |                |  |               |  |
|                     |         |                    | FT.   | PUMP NO. 1 LINER SIZE | 5 1/2 x 14 | PUMP NO. 2 LINER SIZE                  | 5 1/2 x 12 |                   |                    |                        |      |                       |  |         |  |                       |  |                 |  |               |  |          |  |                    |  |                  |  |            |  |                    |  |                |  |               |  |
| FROM                |         | FOOTAGE            |       | TOTAL DEPTH           |            | HOURS ON BOTTOM                        |            | DRILL PIPE WEIGHT |                    | NO. AND SIZE OF D.C.'S |      | D.C. WEIGHT           |  | TRIPS   |  | NO OF LINES           |  | TOTAL TON MILES |  | LINE CUT FEET |  | AT MILES |  | FEET LEFT ON SPOOL |  | DATE OF LAST CUT |  | AT SURVEYS |  | DEGREES            |  | REMARKS        |  |               |  |
| 1820                |         | 225                |       | 2045                  |            | 6 1/4                                  |            | 63000             |                    | 81-6 1/4               |      | 50                    |  | 8       |  | 8                     |  | 0               |  | 2230          |  | 1900     |  | 30                 |  | 2000             |  | 1 1/4      |  | Rig Service        |  | 800 815 1/4    |  |               |  |
| 15                  | STANDS  | 1                  | 7 1/2 | 3x14                  | 8050       | X3A                                    | 40         | 70                | 465                | 2045                   | 1580 | 32                    |  |         |  |                       |  |                 |  |               |  |          |  |                    |  |                  |  |            |  |                    |  |                |  |               |  |
| 1                   | SINGLES | 145309             | FT.   |                       |            |                                        |            |                   |                    |                        |      |                       |  |         |  |                       |  |                 |  |               |  |          |  |                    |  |                  |  |            |  |                    |  |                |  |               |  |
| 21                  | D.C.'S  | 61291              | FT.   |                       |            |                                        |            |                   |                    |                        |      |                       |  |         |  |                       |  |                 |  |               |  |          |  |                    |  |                  |  |            |  |                    |  |                |  |               |  |
| SUB                 |         | 362                | FT.   | MUD                   | 8 A.M.     | 10 A.M.                                | 12 NOON    | 2 P.M.            | WATER LOSS         | FILTER CAKE            | PH   | GENERAL REMARKS       |  |         |  |                       |  |                 |  |               |  |          |  |                    |  |                  |  |            |  |                    |  |                |  |               |  |
| SUB                 |         | 248                | FT.   | WEIGHT                | 9.9        | 9.9                                    | 9.8        | 9.8               | 12                 | 732                    | 9.0  |                       |  |         |  |                       |  |                 |  |               |  |          |  |                    |  |                  |  |            |  |                    |  |                |  |               |  |
| BIT OR C.B.         |         |                    | FT.   | VISCOSITY             | 40         | 54                                     | 43         | 67                | ADDITIVES          |                        |      |                       |  |         |  |                       |  |                 |  |               |  |          |  |                    |  |                  |  |            |  |                    |  |                |  |               |  |
|                     |         |                    | FT.   | PUMP PRESSURE         | 800        | 1000                                   | 1000       | 1000              | Gel 1800           |                        |      |                       |  |         |  |                       |  |                 |  |               |  |          |  |                    |  |                  |  |            |  |                    |  |                |  |               |  |
| KELLY IN            |         | 22-91              | FT.   | R.P.M. PUMP NO.1      | 66         | 66                                     | 66         | 66                |                    |                        |      |                       |  |         |  |                       |  |                 |  |               |  |          |  |                    |  |                  |  |            |  |                    |  |                |  |               |  |
| TOTAL               |         | 2045               | FT.   | R.P.M. PUMP NO.2      |            |                                        |            |                   |                    |                        |      |                       |  |         |  |                       |  |                 |  |               |  |          |  |                    |  |                  |  |            |  |                    |  |                |  |               |  |
|                     |         |                    | FT.   | PUMP NO. 1 LINER SIZE | 5 1/2 x 14 | PUMP NO. 2 LINER SIZE                  | 5 1/2 x 12 |                   |                    |                        |      |                       |  |         |  |                       |  |                 |  |               |  |          |  |                    |  |                  |  |            |  |                    |  |                |  |               |  |
| FROM                |         | FOOTAGE            |       | TOTAL DEPTH           |            | HOURS ON BOTTOM                        |            | DRILL PIPE WEIGHT |                    | NO. AND SIZE OF D.C.'S |      | D.C. WEIGHT           |  | TRIPS   |  | NO OF LINES           |  | TOTAL TON MILES |  | LINE CUT FEET |  | AT MILES |  | FEET LEFT ON SPOOL |  | DATE OF LAST CUT |  | AT SURVEYS |  | DEGREES            |  | REMARKS        |  |               |  |
| 2045                |         | 175                |       | 2220                  |            | 6 1/4                                  |            | 66000             |                    | 81-6 1/4               |      | 50000                 |  | 8       |  | 8                     |  | 0               |  | 2230          |  | 2140     |  |                    |  |                  |  |            |  |                    |  | DRILL WT 20000 |  | 460 515 1 1/4 |  |
| 19                  | STANDS  | 1                  | 7 1/2 | 3-14                  | 8050       | X3A                                    | 20         | 100               | 465                | 2220                   | 1755 | 38 1/4                |  |         |  |                       |  |                 |  |               |  |          |  |                    |  |                  |  |            |  |                    |  |                |  |               |  |
| 1                   | SINGLES | 1584.70            | FT.   |                       |            |                                        |            |                   |                    |                        |      |                       |  |         |  |                       |  |                 |  |               |  |          |  |                    |  |                  |  |            |  |                    |  |                |  |               |  |
| 21                  | D.C.'S  | 61291              | FT.   |                       |            |                                        |            |                   |                    |                        |      |                       |  |         |  |                       |  |                 |  |               |  |          |  |                    |  |                  |  |            |  |                    |  |                |  |               |  |
| SUB                 |         | 362                | FT.   | MUD                   | 4 P.M.     | 6 P.M.                                 | 8 P.M.     | 10 P.M.           | WATER LOSS         | FILTER CAKE            | PH   | GENERAL REMARKS       |  |         |  |                       |  |                 |  |               |  |          |  |                    |  |                  |  |            |  |                    |  |                |  |               |  |
| SUB                 |         | 248                | FT.   | WEIGHT                | 9.9        | 9.8                                    | 9.9        | 9.9               |                    |                        |      |                       |  |         |  |                       |  |                 |  |               |  |          |  |                    |  |                  |  |            |  |                    |  |                |  |               |  |
| BIT OR C.B.         |         |                    | FT.   | VISCOSITY             | 62         | 54                                     | 54         | 68                | ADDITIVES GEL 1500 |                        |      |                       |  |         |  |                       |  |                 |  |               |  |          |  |                    |  |                  |  |            |  |                    |  |                |  |               |  |
|                     |         |                    | FT.   | PUMP PRESSURE         | 1000       | 1000                                   | 1000       | 900               |                    |                        |      |                       |  |         |  |                       |  |                 |  |               |  |          |  |                    |  |                  |  |            |  |                    |  |                |  |               |  |
| KELLY IN            |         | 21-39              | FT.   | R.P.M. PUMP NO.1      | 66         | 66                                     | 66         | 66                |                    |                        |      |                       |  |         |  |                       |  |                 |  |               |  |          |  |                    |  |                  |  |            |  |                    |  |                |  |               |  |
| TOTAL               |         | 2220.00            | FT.   | R.P.M. PUMP NO.2      |            |                                        |            |                   |                    |                        |      |                       |  |         |  |                       |  |                 |  |               |  |          |  |                    |  |                  |  |            |  |                    |  |                |  |               |  |
|                     |         |                    | FT.   | PUMP NO. 1 LINER SIZE | 5 1/2 x 14 | PUMP NO. 2 LINER SIZE                  | 5 1/2 x 12 |                   |                    |                        |      |                       |  |         |  |                       |  |                 |  |               |  |          |  |                    |  |                  |  |            |  |                    |  |                |  |               |  |
| TOTAL NO. OF JOINTS |         | 150                |       | DATE LAST SONOSCOPIED |            | FOOTAGE DRILLED SINCE LAST SONOSCOPIED |            | 22808             |                    | TOTAL FOOTAGE DRILLED  |      | LAST CALIPER DATE     |  | RESULTS |  | CODE LETTER OF STRING |  |                 |  |               |  |          |  |                    |  |                  |  |            |  |                    |  |                |  |               |  |
| ELAPSED TIME        |         |                    |       | PRESSURE              |            |                                        |            | RESULTS           |                    |                        |      | TOTCO RING ON BIT NO. |  |         |  |                       |  |                 |  |               |  |          |  |                    |  |                  |  |            |  |                    |  |                |  |               |  |

TOOLPUSHER Wm. Gustafson

APPROVED BY A. R. H. H.

# REGENT DRILLING LIMITED

## DAY WORK RECORD

WELL NAME 7112 Ave Jean S. Marie  
C73

DATE March 25/69 REPORT NO. \_\_\_\_\_

PLEASE SHOW FOOTAGE MADE WHILE  
 "CONTROL DRILLING" AS WELL AS HOURS  
 AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

| LAST CASING SIZE               |                 | LAST CASING SET AT  |                                      | DATE <u>March 25/69</u> |                        | RIG NO. <u>29</u>      |                       | LOCATION LSD.     |                             | SEC.          |          | TWP.                  |                  | RGE.       |             | REMARKS          |            | TIME    |     |  |  |
|--------------------------------|-----------------|---------------------|--------------------------------------|-------------------------|------------------------|------------------------|-----------------------|-------------------|-----------------------------|---------------|----------|-----------------------|------------------|------------|-------------|------------------|------------|---------|-----|--|--|
| FROM                           | FOOTAGE         | TOTAL DEPTH         | HOURS ON BOTTOM                      | DRILL PIPE WEIGHT       | NO. AND SIZE OF D.C.'S | D.C. WEIGHT            | TRIPS                 | NO OF LINES       | TOTAL TON MILES             | LINE CUT FEET | AT MILES | FEET LEFT ON SPOOL    | DATE OF LAST CUT | AT SURVEYS | DEGREES     | START            | STOP       | INT VAL |     |  |  |
| 465                            | 286             | 751                 | 4 1/4                                | 58                      | 21x6 1/4               | 50                     |                       | 8                 | 8                           | 0             |          | 2230                  |                  | 660        | 1/2         | DRILL OUT FLOAT  | 1200       | 1230    | 1/2 |  |  |
| NO.                            | DRILLING STRING | BITS RUN NO.        | SIZE                                 | NOZZLE SIZE             | SERIAL NO.             | TYPE                   | WEIGHT                | RPM               | FOOTAGE FROM                | FOOTAGE TO    | FOOTAGE  | HOURS                 | CORED FROM       | CORED TO   | REAMED FROM | REAMED TO        | CONDIT-ION |         |     |  |  |
| 1                              | STANDS          | 9214                | FT.                                  | 1                       | 7 3/8                  | 3X14                   | 8050                  | X3A               | 25                          | 65            | 465      | 286                   | 4 1/4            |            |             |                  |            |         |     |  |  |
|                                | SINGLES         |                     | FT.                                  |                         |                        |                        |                       |                   |                             |               |          |                       |                  |            |             |                  |            |         |     |  |  |
| 21                             | D.C.'S          | 61291               | FT.                                  |                         |                        |                        |                       |                   |                             |               |          |                       |                  |            |             |                  |            |         |     |  |  |
| SUB                            | 362             | FT.                 | MUD                                  | 12 MID.                 | 2 A.M.                 | 4 A.M.                 | 6 P.M.                |                   | WATER LOSS                  | FILTER CAKE   | PH       | GENERAL REMARKS       |                  |            |             |                  |            |         |     |  |  |
| SUB                            | 248             | FT.                 | WEIGHT                               |                         |                        |                        |                       |                   |                             |               |          |                       |                  |            |             |                  |            |         |     |  |  |
| BIT OR C.B.                    |                 | FT.                 | VISCOSITY                            |                         |                        |                        | 8.3                   | 8.3               | ADDITIVES <u>Bicarb Too</u> |               |          |                       |                  |            |             |                  |            |         |     |  |  |
|                                |                 | FT.                 | PUMP PRESSURE                        |                         |                        |                        | 550                   | 550               |                             |               |          |                       |                  |            |             |                  |            |         |     |  |  |
| KELLY IN                       | 41              | FT.                 | R.P.M. PUMP NO.1                     |                         |                        |                        | 66                    | 66                |                             |               |          |                       |                  |            |             |                  |            |         |     |  |  |
|                                |                 | FT.                 | R.P.M. PUMP NO.2                     |                         |                        |                        |                       |                   |                             |               |          |                       |                  |            |             |                  |            |         |     |  |  |
| TOTAL                          | 751.5           | FT.                 | PUMP NO. 1 LINER SIZE                | 5 1/2 X 1 1/4           | PUMP NO. 2 LINER SIZE  | 5 1/2 X 1 1/2          |                       |                   |                             |               |          |                       |                  |            |             |                  |            |         |     |  |  |
| FROM                           | FOOTAGE         | TOTAL DEPTH         | HOURS ON BOTTOM                      | DRILL PIPE WEIGHT       | NO. AND SIZE OF D.C.'S | D.C. WEIGHT            | TRIPS                 | NO OF LINES       | TOTAL TON MILES             | LINE CUT FEET | AT MILES | FEET LEFT ON SPOOL    | DATE OF LAST CUT | AT SURVEYS | DEGREES     | REMARKS          |            |         |     |  |  |
| 751                            | 579             | 1330                | 7                                    | 60000                   | 31 X 6 1/4             | 50                     |                       | 8                 |                             |               |          |                       |                  | 880        | 1/2         | Rig Service      |            |         |     |  |  |
| NO.                            | DRILLING STRING | BITS RUN NO.        | SIZE                                 | NOZZLE SIZE             | SERIAL NO.             | TYPE                   | WEIGHT                | RPM               | FOOTAGE FROM                | FOOTAGE TO    | FOOTAGE  | HOURS                 | CORED FROM       | CORED TO   | REAMED FROM | REAMED TO        | CONDIT-ION |         |     |  |  |
| 1                              | STANDS          |                     | FT.                                  | 1                       | 7 3/8                  | 3-14                   | 8050                  | X3A               | 20                          | 70            | 465      | 1330                  | 865              | 11 1/4     |             |                  |            |         |     |  |  |
|                                | SINGLES         | 67555               | FT.                                  |                         |                        |                        |                       |                   |                             |               |          |                       |                  |            |             |                  |            |         |     |  |  |
| 21                             | D.C.'S          | 61291               | FT.                                  |                         |                        |                        |                       |                   |                             |               |          |                       |                  |            |             |                  |            |         |     |  |  |
| SUB                            | 362             | FT.                 | MUD                                  | 8 A.M.                  | 10 A.M.                | 12 NOON                | 2 P.M.                |                   | WATER LOSS                  | FILTER CAKE   | PH       | GENERAL REMARKS       |                  |            |             |                  |            |         |     |  |  |
| SUB                            | 248             | FT.                 | WEIGHT                               | 8.4                     | 8.4                    | 8.4                    | 85                    |                   |                             |               |          |                       |                  |            |             |                  |            |         |     |  |  |
| BIT OR C.B.                    |                 | FT.                 | VISCOSITY                            | 28                      | 28                     | 28                     | 28                    | ADDITIVES         |                             |               |          |                       |                  |            |             |                  |            |         |     |  |  |
|                                |                 | FT.                 | PUMP PRESSURE                        | 600                     | 600                    | 600                    | 600                   | Water             |                             |               |          |                       |                  |            |             |                  |            |         |     |  |  |
| KELLY IN                       | 27              | FT.                 | R.P.M. PUMP NO.1                     | 64                      | 64                     | 66                     | 64                    |                   |                             |               |          |                       |                  |            |             |                  |            |         |     |  |  |
|                                |                 | FT.                 | R.P.M. PUMP NO.2                     |                         |                        |                        |                       |                   |                             |               |          |                       |                  |            |             |                  |            |         |     |  |  |
| TOTAL                          | 1330            | FT.                 | PUMP NO. 1 LINER SIZE                |                         | PUMP NO. 2 LINER SIZE  |                        |                       |                   |                             |               |          |                       |                  |            |             |                  |            |         |     |  |  |
| FROM                           | FOOTAGE         | TOTAL DEPTH         | HOURS ON BOTTOM                      | DRILL PIPE WEIGHT       | NO. AND SIZE OF D.C.'S | D.C. WEIGHT            | TRIPS                 | NO OF LINES       | TOTAL TON MILES             | LINE CUT FEET | AT MILES | FEET LEFT ON SPOOL    | DATE OF LAST CUT | AT SURVEYS | DEGREES     | REMARKS          |            |         |     |  |  |
| 1330                           | 230             | 1560                | 7                                    | 62000                   | 21-6 1/4               | 50000                  |                       | 8                 | 8                           | 0             | 0        | 2230                  |                  | 1420       | 1 1/4       | check time tally |            |         |     |  |  |
| NO.                            | DRILLING STRING | BITS RUN NO.        | SIZE                                 | NOZZLE SIZE             | SERIAL NO.             | TYPE                   | WEIGHT                | RPM               | FOOTAGE FROM                | FOOTAGE TO    | FOOTAGE  | HOURS                 | CORED FROM       | CORED TO   | REAMED FROM | REAMED TO        | CONDIT-ION |         |     |  |  |
| 10                             | STANDS          | 917.6               | FT.                                  | 1                       | 7 3/8                  | 3-14                   | 8050                  | X3A               | 10                          | 100           | 465      | 1560                  | 1095             | 18 1/4     |             |                  |            |         |     |  |  |
|                                | SINGLES         |                     | FT.                                  |                         |                        |                        |                       |                   |                             |               |          |                       |                  |            |             |                  |            |         |     |  |  |
| 21                             | D.C.'S          | 61291               | FT.                                  |                         |                        |                        |                       |                   |                             |               |          |                       |                  |            |             |                  |            |         |     |  |  |
| SUB                            | 362             | FT.                 | MUD                                  | 4 P.M.                  | 6 P.M.                 | 8 P.M.                 | 10 P.M.               |                   | WATER LOSS                  | FILTER CAKE   | PH       | GENERAL REMARKS       |                  |            |             |                  |            |         |     |  |  |
| SUB                            | 248             | FT.                 | WEIGHT                               | 8.7                     | 9.1                    | 9.3                    | 9.3                   |                   |                             |               |          |                       |                  |            |             |                  |            |         |     |  |  |
| BIT OR C.B.                    |                 | FT.                 | VISCOSITY                            | 28                      | 30                     | 35                     | 35                    | ADDITIVES         |                             |               |          |                       |                  |            |             |                  |            |         |     |  |  |
|                                |                 | FT.                 | PUMP PRESSURE                        | 700                     | 700                    | 700                    | 700                   | 20 lbs Del        |                             |               |          |                       |                  |            |             |                  |            |         |     |  |  |
| KELLY IN                       | 2330            | FT.                 | R.P.M. PUMP NO.1                     | 66                      | 66                     | 16                     | 11                    |                   |                             |               |          |                       |                  |            |             |                  |            |         |     |  |  |
|                                |                 | FT.                 | R.P.M. PUMP NO.2                     |                         |                        |                        |                       |                   |                             |               |          |                       |                  |            |             |                  |            |         |     |  |  |
| TOTAL                          | 1560.00         | FT.                 | PUMP NO. 1 LINER SIZE                | 5 1/2 X 1 1/4           | PUMP NO. 2 LINER SIZE  | 5 1/2 X 1 1/2          |                       |                   |                             |               |          |                       |                  |            |             |                  |            |         |     |  |  |
| TOTAL NO. OF JOINTS            | 150             | DATE LAST SONOSCOPE | FOOTAGE DRILLED SINCE LAST SONOSCOPE |                         | 22148                  |                        | TOTAL FOOTAGE DRILLED | LAST CALIPER DATE |                             | RESULTS       |          | CODE LETTER OF STRING |                  |            |             |                  |            |         |     |  |  |
| ELAPSED TIME                   |                 | PRESSURE            |                                      | RESULTS                 |                        | TOTCO. RING ON BIT NO. |                       |                   |                             |               |          |                       |                  |            |             |                  |            |         |     |  |  |
| TOOLPUSHER <u>Wm Gustafson</u> |                 |                     |                                      |                         |                        |                        |                       |                   |                             |               |          |                       |                  |            |             |                  |            |         |     |  |  |
| APPROVED BY <u>Ruth...</u>     |                 |                     |                                      |                         |                        |                        |                       |                   |                             |               |          |                       |                  |            |             |                  |            |         |     |  |  |

# REGENT DRILLING LIMITED

## DAY WORK RECORD

DATE March 24/69

REPORT NO. \_\_\_\_\_

PLEASE SHOW FOOTAGE MADE WHILE

"CONTROL DRILLING" AS WELL AS HOURS

AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

WELL NAME New 5710 Ave Jean 7111

C73

DATE March 24/69

RIG NO. 29

LOCATION LSD. \_\_\_\_\_ SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RGE. \_\_\_\_\_

| LAST CASING SIZE    |                 | LAST CASING SET AT    |                                        | DATE                  |                        | WELL NAME         |         | RIG NO.               |                 | LOCATION LSD. |          | SEC.               |                  | TWP.     |             | RGE.      |            | REMARKS |         | TIME |  |
|---------------------|-----------------|-----------------------|----------------------------------------|-----------------------|------------------------|-------------------|---------|-----------------------|-----------------|---------------|----------|--------------------|------------------|----------|-------------|-----------|------------|---------|---------|------|--|
| FROM                | FOOTAGE         | TOTAL DEPTH           | HOURS ON BOTTOM                        | DRILL PIPE WEIGHT     | NO. AND SIZE OF D.C.'S | D.C. WEIGHT       | TRIPS   | NO OF LINES           | TOTAL TON MILES | LINE CUT FEET | AT MILES | FEET LEFT ON SPOOL | DATE OF LAST CUT | AT       | SURVEYS     | DEGREES   | START      | STOP    | INT VAL |      |  |
| 465                 | 465             | 465                   |                                        |                       |                        |                   |         | 8                     | 8               | 0             |          |                    |                  |          |             |           |            |         |         |      |  |
| NO.                 | DRILLING STRING | BITS RUN NO.          | SIZE                                   | NOZZLE SIZE           | SERIAL NO.             | TYPE              | WEIGHT  | RPM                   | FOOTAGE FROM    | FOOTAGE TO    | FOOTAGE  | HOURS              | CORED FROM       | CORED TO | REAMED FROM | REAMED TO | CONDIT-ION |         |         |      |  |
|                     | STANDS          | FT.                   |                                        |                       |                        |                   |         |                       |                 |               |          |                    |                  |          |             |           |            |         |         |      |  |
|                     | SINGLES         | FT.                   |                                        |                       |                        |                   |         |                       |                 |               |          |                    |                  |          |             |           |            |         |         |      |  |
|                     | D.C.'S          | FT.                   |                                        |                       |                        |                   |         |                       |                 |               |          |                    |                  |          |             |           |            |         |         |      |  |
|                     | SUB             | FT.                   | MUD                                    | 12 MID.               | 2 A.M.                 | 4 A.M.            | 6 P.M.  |                       |                 |               |          |                    |                  |          |             |           |            |         |         |      |  |
|                     | SUB             | FT.                   | WEIGHT                                 |                       |                        |                   |         |                       |                 |               |          |                    |                  |          |             |           |            |         |         |      |  |
|                     | BIT OR C.B.     | FT.                   | VISCOSITY                              |                       |                        |                   |         |                       |                 |               |          |                    |                  |          |             |           |            |         |         |      |  |
|                     |                 | FT.                   | PUMP PRESSURE                          |                       |                        |                   |         |                       |                 |               |          |                    |                  |          |             |           |            |         |         |      |  |
|                     | KELLY IN        | FT.                   | R.P.M. PUMP NO.1                       |                       |                        |                   |         |                       |                 |               |          |                    |                  |          |             |           |            |         |         |      |  |
|                     |                 | FT.                   | R.P.M. PUMP NO.2                       |                       |                        |                   |         |                       |                 |               |          |                    |                  |          |             |           |            |         |         |      |  |
|                     | TOTAL           | FT.                   | PUMP NO. 1 LINER SIZE                  |                       |                        |                   |         |                       |                 |               |          |                    |                  |          |             |           |            |         |         |      |  |
|                     |                 |                       | PUMP NO. 2 LINER SIZE                  |                       |                        |                   |         |                       |                 |               |          |                    |                  |          |             |           |            |         |         |      |  |
| FROM                | FOOTAGE         | TOTAL DEPTH           | HOURS ON BOTTOM                        | DRILL PIPE WEIGHT     | NO. AND SIZE OF D.C.'S | D.C. WEIGHT       | TRIPS   | NO OF LINES           | TOTAL TON MILES | LINE CUT FEET | AT MILES | FEET LEFT ON SPOOL | DATE OF LAST CUT | AT       | SURVEYS     | DEGREES   | REMARKS    |         |         |      |  |
|                     | 465             |                       |                                        |                       |                        |                   |         |                       |                 |               |          |                    |                  |          |             |           |            |         |         |      |  |
| NO.                 | DRILLING STRING | BITS RUN NO.          | SIZE                                   | NOZZLE SIZE           | SERIAL NO.             | TYPE              | WEIGHT  | RPM                   | FOOTAGE FROM    | FOOTAGE TO    | FOOTAGE  | HOURS              | CORED FROM       | CORED TO | REAMED FROM | REAMED TO | CONDIT-ION |         |         |      |  |
|                     | STANDS          | FT.                   |                                        |                       |                        |                   |         |                       |                 |               |          |                    |                  |          |             |           |            |         |         |      |  |
|                     | SINGLES         | FT.                   |                                        |                       |                        |                   |         |                       |                 |               |          |                    |                  |          |             |           |            |         |         |      |  |
|                     | D.C.'S          | FT.                   |                                        |                       |                        |                   |         |                       |                 |               |          |                    |                  |          |             |           |            |         |         |      |  |
|                     | SUB             | FT.                   | MUD                                    | 8 A.M.                | 10 A.M.                | 12 NOON           | 2 P.M.  |                       |                 |               |          |                    |                  |          |             |           |            |         |         |      |  |
|                     | SUB             | FT.                   | WEIGHT                                 |                       |                        |                   |         |                       |                 |               |          |                    |                  |          |             |           |            |         |         |      |  |
|                     | BIT OR C.B.     | FT.                   | VISCOSITY                              |                       |                        |                   |         |                       |                 |               |          |                    |                  |          |             |           |            |         |         |      |  |
|                     |                 | FT.                   | PUMP PRESSURE                          |                       |                        |                   |         |                       |                 |               |          |                    |                  |          |             |           |            |         |         |      |  |
|                     | KELLY IN        | FT.                   | R.P.M. PUMP NO.1                       |                       |                        |                   |         |                       |                 |               |          |                    |                  |          |             |           |            |         |         |      |  |
|                     |                 | FT.                   | R.P.M. PUMP NO.2                       |                       |                        |                   |         |                       |                 |               |          |                    |                  |          |             |           |            |         |         |      |  |
|                     | TOTAL           | FT.                   | PUMP NO. 1 LINER SIZE                  |                       |                        |                   |         |                       |                 |               |          |                    |                  |          |             |           |            |         |         |      |  |
|                     |                 |                       | PUMP NO. 2 LINER SIZE                  |                       |                        |                   |         |                       |                 |               |          |                    |                  |          |             |           |            |         |         |      |  |
| FROM                | FOOTAGE         | TOTAL DEPTH           | HOURS ON BOTTOM                        | DRILL PIPE WEIGHT     | NO. AND SIZE OF D.C.'S | D.C. WEIGHT       | TRIPS   | NO OF LINES           | TOTAL TON MILES | LINE CUT FEET | AT MILES | FEET LEFT ON SPOOL | DATE OF LAST CUT | AT       | SURVEYS     | DEGREES   | REMARKS    |         |         |      |  |
|                     |                 |                       |                                        |                       |                        |                   | 8       |                       |                 |               |          | 2230               |                  |          |             |           |            |         |         |      |  |
| NO.                 | DRILLING STRING | BITS RUN NO.          | SIZE                                   | NOZZLE SIZE           | SERIAL NO.             | TYPE              | WEIGHT  | RPM                   | FOOTAGE FROM    | FOOTAGE TO    | FOOTAGE  | HOURS              | CORED FROM       | CORED TO | REAMED FROM | REAMED TO | CONDIT-ION |         |         |      |  |
|                     | STANDS          | FT.                   |                                        |                       |                        |                   |         |                       |                 |               |          |                    |                  |          |             |           |            |         |         |      |  |
|                     | SINGLES         | FT.                   |                                        |                       |                        |                   |         |                       |                 |               |          |                    |                  |          |             |           |            |         |         |      |  |
|                     | D.C.'S          | FT.                   |                                        |                       |                        |                   |         |                       |                 |               |          |                    |                  |          |             |           |            |         |         |      |  |
|                     | SUB             | FT.                   | MUD                                    | 4 P.M.                | 6 P.M.                 | 8 P.M.            | 10 P.M. |                       |                 |               |          |                    |                  |          |             |           |            |         |         |      |  |
|                     | SUB             | FT.                   | WEIGHT                                 |                       |                        |                   |         |                       |                 |               |          |                    |                  |          |             |           |            |         |         |      |  |
|                     | BIT OR C.B.     | FT.                   | VISCOSITY                              |                       |                        |                   |         |                       |                 |               |          |                    |                  |          |             |           |            |         |         |      |  |
|                     |                 | FT.                   | PUMP PRESSURE                          |                       |                        |                   |         |                       |                 |               |          |                    |                  |          |             |           |            |         |         |      |  |
|                     | KELLY IN        | FT.                   | R.P.M. PUMP NO.1                       |                       |                        |                   |         |                       |                 |               |          |                    |                  |          |             |           |            |         |         |      |  |
|                     |                 | FT.                   | R.P.M. PUMP NO.2                       |                       |                        |                   |         |                       |                 |               |          |                    |                  |          |             |           |            |         |         |      |  |
|                     | TOTAL           | FT.                   | PUMP NO. 1 LINER SIZE                  |                       |                        |                   |         |                       |                 |               |          |                    |                  |          |             |           |            |         |         |      |  |
|                     |                 |                       | PUMP NO. 2 LINER SIZE                  |                       |                        |                   |         |                       |                 |               |          |                    |                  |          |             |           |            |         |         |      |  |
| TOTAL NO. OF JOINTS | 150             | DATE LAST SONOSCOPIED | FOOTAGE DRILLED SINCE LAST SONOSCOPIED | TOTAL FOOTAGE DRILLED | 21053                  | LAST CALIPER DATE | RESULTS | CODE LETTER OF STRING |                 |               |          |                    |                  |          |             |           |            |         |         |      |  |
| ELAPSED TIME        |                 | PRESSURE              | RESULTS                                | TOTCO RING ON BIT NO. |                        |                   |         |                       |                 |               |          |                    |                  |          |             |           |            |         |         |      |  |

TOOLPUSHER

Wm. Gustafson

APPROVED BY

G. Rulhagen

# REGENT DRILLING LIMITED

DAY WORK RECORD

WELL NAME KING JENNY HILL  
C-73 7'366

DATE MAR 23/69

REPORT NO. \_\_\_\_\_

DATE MAR 23/69

RIG NO. \_\_\_\_\_

LOCATION LSD. \_\_\_\_\_ SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RGE. \_\_\_\_\_

PLEASE SHOW FOOTAGE MADE WHILE  
"CONTROL DRILLING" AS WELL AS HOURS  
AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

| LAST CASING SIZE |                 | LAST CASING SET AT   |                  | DATE                                  |                        | WELL NAME             |               | RIG NO.           |                 | LOCATION LSD. |                                       | SEC.                  |                  | TWP.       |         | RGE.    |       | DATE |     | REPORT NO. |  |
|------------------|-----------------|----------------------|------------------|---------------------------------------|------------------------|-----------------------|---------------|-------------------|-----------------|---------------|---------------------------------------|-----------------------|------------------|------------|---------|---------|-------|------|-----|------------|--|
| FROM             | FOOTAGE         | TOTAL DEPTH          | HOURS ON BOTTOM  | DRILL PIPE WEIGHT                     | NO. AND SIZE OF D.C.'S | D.C. WEIGHT           | TRIPS         | NO OF LINES       | TOTAL TON MILES | LINE CUT FEET | AT MILES                              | FEET LEFT ON SPOOL    | DATE OF LAST CUT | AT SURVEYS | DEGREES | REMARKS |       | TIME |     |            |  |
| NO.              | DRILLING STRING | FT.                  | FT.              | FT.                                   | FT.                    | FT.                   | FT.           | FT.               | FT.             | FT.           | FT.                                   | FT.                   | FT.              | FT.        | FT.     | FT.     | START | STOP | INT | VAL        |  |
| 171              | 143             | 314                  | 53               | 32000                                 | 9.6 1/4                | 30000                 | 8             | 0                 | NEW             |               |                                       |                       |                  | 196        | 1/2     |         | 1700  | 100  | 1   | 1          |  |
| 9                | D.C.'S          | 26749                | FT.              |                                       |                        |                       |               |                   |                 |               |                                       |                       |                  |            |         |         |       |      |     |            |  |
| 1                | SUB             | 2.00                 | FT.              | MUD                                   | 12 MID.                | 2 A.M.                | 4 A.M.        | 6 P.M.            | WATER LOSS      | FILTER CAKE   | PH                                    | GENERAL REMARKS       |                  |            |         |         |       |      |     |            |  |
| 1                | SUB             | 257                  | FT.              | WEIGHT                                | 93                     | 9.4                   | 9.1           | 9.6               |                 |               |                                       | TRAINING PROGRAM      |                  |            |         |         |       |      |     |            |  |
|                  | BIT OR C.B.     | FT.                  | VISCOSITY        | 42                                    | 44                     | 47                    | 47            | ADDITIVES         |                 |               | TOTCO RECORDERS                       |                       |                  |            |         |         |       |      |     |            |  |
|                  |                 | FT.                  | PUMP PRESSURE    |                                       |                        |                       |               |                   |                 |               |                                       |                       |                  |            |         |         |       |      |     |            |  |
|                  | KELLY IN        | 4100                 | FT.              | R.P.M. PUMP NO.1                      | 66                     | 66                    | 50            | 66                |                 |               |                                       |                       |                  |            |         |         |       |      |     |            |  |
|                  |                 |                      |                  | R.P.M. PUMP NO.2                      |                        |                       |               |                   |                 |               |                                       |                       |                  |            |         |         |       |      |     |            |  |
|                  |                 |                      |                  | PUMP NO. 1 LINER SIZE                 | 7 1/4 X 1 1/4          | PUMP NO. 2 LINER SIZE | 5 1/2 X 1 1/2 |                   |                 |               |                                       |                       |                  |            |         |         |       |      |     |            |  |
| TOTAL            | 314.05          | FT.                  |                  |                                       |                        |                       |               |                   |                 |               |                                       |                       |                  |            |         |         |       |      |     |            |  |
| 314              | 151             | 465                  | 534              | 3800                                  | 1200                   |                       | 8             | 4                 | 0               |               |                                       |                       |                  | 376        | 1/4     |         |       |      |     |            |  |
| 2                | SINGLES         | 6602                 | FT.              |                                       |                        |                       |               |                   |                 |               |                                       | Rig SERVICE           |                  |            |         |         |       |      |     |            |  |
| 2                | D.C.'S          | 35745                | FT.              |                                       |                        |                       |               |                   |                 |               |                                       | DRILL 12 1/4 HOLE     |                  |            |         |         |       |      |     |            |  |
|                  | SUB             | 300                  | FT.              | MUD                                   | 8 A.M.                 | 10 A.M.               | 12 NOON       | 2 P.M.            | WATER LOSS      | FILTER CAKE   | PH                                    | SURVEY 4 MIX MUD      |                  |            |         |         |       |      |     |            |  |
|                  | SUB             | 257                  | FT.              | WEIGHT                                |                        |                       |               |                   |                 |               |                                       | DRILL 12 1/4 HOLE     |                  |            |         |         |       |      |     |            |  |
|                  | BIT OR C.B.     | 362                  | FT.              | VISCOSITY                             |                        |                       |               |                   | ADDITIVES       |               | DOUBLE MEASURE 12 DIFF                |                       |                  |            |         |         |       |      |     |            |  |
|                  |                 | FT.                  | PUMP PRESSURE    | 200                                   | 200                    | 300                   | 800           |                   |                 |               | @ 430' No Correction Made             |                       |                  |            |         |         |       |      |     |            |  |
|                  | KELLY IN        | 3634                 | FT.              | R.P.M. PUMP NO.1                      | 66                     | 66                    | 66            |                   |                 |               |                                       |                       |                  |            |         |         |       |      |     |            |  |
|                  |                 |                      |                  | R.P.M. PUMP NO.2                      |                        |                       |               |                   |                 |               |                                       |                       |                  |            |         |         |       |      |     |            |  |
| TOTAL            | 465.00          | FT.                  |                  | PUMP NO. 1 LINER SIZE                 | 7 1/4 X 1 1/4          | PUMP NO. 2 LINER SIZE | 5 1/2 X 1 1/2 |                   |                 |               |                                       |                       |                  |            |         |         |       |      |     |            |  |
| 465              |                 |                      |                  |                                       |                        |                       |               |                   |                 |               |                                       |                       |                  | 460        | 1/2     |         |       |      |     |            |  |
|                  |                 |                      |                  |                                       |                        |                       |               |                   |                 |               |                                       | Circulate             |                  |            |         |         |       |      |     |            |  |
|                  | STANDS          | FT.                  |                  |                                       |                        |                       |               |                   |                 |               |                                       | SURVEY @ 460-1/2      |                  |            |         |         |       |      |     |            |  |
|                  | SINGLES         | FT.                  |                  |                                       |                        |                       |               |                   |                 |               |                                       | Circulate To RUN CS9  |                  |            |         |         |       |      |     |            |  |
|                  | D.C.'S          | FT.                  |                  |                                       |                        |                       |               |                   |                 |               |                                       | UNPLUG COLLAR BIT     |                  |            |         |         |       |      |     |            |  |
|                  | SUB             | FT.                  | MUD              | 4 P.M.                                | 6 P.M.                 | 8 P.M.                | 10 P.M.       | WATER LOSS        | FILTER CAKE     | PH            | Circulate                             |                       |                  |            |         |         |       |      |     |            |  |
|                  | SUB             | FT.                  | WEIGHT           | 9.6                                   | 9.6                    |                       |               |                   |                 |               |                                       | Circulate             |                  |            |         |         |       |      |     |            |  |
|                  | BIT OR C.B.     | FT.                  | VISCOSITY        | 45                                    | 45                     |                       |               |                   | ADDITIVES       |               | Cement 27 @ 12 in 16 minutes          |                       |                  |            |         |         |       |      |     |            |  |
|                  |                 | FT.                  | PUMP PRESSURE    | 200                                   | 200                    |                       |               |                   |                 |               | Cement in place @ 12.19 AM @ 1000 PSI |                       |                  |            |         |         |       |      |     |            |  |
|                  | KELLY IN        | FT.                  | R.P.M. PUMP NO.1 |                                       |                        |                       |               |                   |                 |               | 403 366 337                           |                       |                  |            |         |         |       |      |     |            |  |
|                  |                 |                      | R.P.M. PUMP NO.2 |                                       |                        |                       |               |                   |                 |               | Good cement return to surface         |                       |                  |            |         |         |       |      |     |            |  |
| TOTAL            | 150             | DATE LAST SONOSCOPED |                  | FOOTAGE DRILLED SINCE LAST SONOSCOPED | 21033                  | TOTAL FOOTAGE DRILLED |               | LAST CALIPER DATE |                 | RESULTS       |                                       | CODE LETTER OF STRING |                  |            |         |         |       |      |     |            |  |
| ELAPSED TIME     |                 | PRESSURE             |                  | RESULTS                               |                        | TOTCO RING ON BIT NO. |               |                   |                 |               |                                       |                       |                  |            |         |         |       |      |     |            |  |

TOOLPUSHER

Wm. Gustafson

APPROVED BY

### DAY WORK RECORD

C-73

DATE 2/14/69

REPORT NO. 1

PLEASE SHOW FOOTAGE MADE WHILE  
"CONTROL DRILLING" AS WELL AS HOURS  
LSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

|                  |                 |                    |                       |                                  |                                  |                |         |                                                                                                                                     |                 |               |                 |                    |                  |            |          |             |           |            |         |  |  |  |  |  |
|------------------|-----------------|--------------------|-----------------------|----------------------------------|----------------------------------|----------------|---------|-------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------|-----------------|--------------------|------------------|------------|----------|-------------|-----------|------------|---------|--|--|--|--|--|
| LAST CASING SIZE |                 | LAST CASING SET AT |                       | DATE 11/19/61                    |                                  | WELL NAME C-73 |         | PLEASE SHOW FOOTAGE MADE WHILE<br>"CONTROL DRILLING" AS WELL AS HOURS<br>AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC. |                 |               |                 |                    |                  |            |          |             |           |            |         |  |  |  |  |  |
| RIG NO. 39       |                 | LOCATION LSD.      |                       | SEC.                             |                                  | TWP.           |         | RGE.                                                                                                                                |                 |               |                 |                    |                  |            |          |             |           |            |         |  |  |  |  |  |
| FROM             | FOOTAGE         | TOTAL DEPTH        | HOURS ON BOTTOM       | DRILL PIPE WEIGHT                | NO. AND SIZE OF D.C.'S           | D.C. WEIGHT    | TRIPS   | NO OF LINES                                                                                                                         | TOTAL TON MILES | LINE CUT FEET | AT MILES        | FEET LEFT ON SPOOL | DATE OF LAST CUT | AT SURVEYS | DEGREES  | REMARKS     | TIME      |            |         |  |  |  |  |  |
|                  |                 |                    |                       |                                  |                                  |                |         |                                                                                                                                     |                 |               |                 |                    |                  |            |          |             | START     | STOP       | INT VAL |  |  |  |  |  |
| NO.              | DRILLING STRING |                    | BITS RUN NO.          | SIZE                             | NOZZLE SIZE                      | SERIAL NO.     | TYPE    | WEIGHT                                                                                                                              | RPM             | FOOTAGE FROM  | FOOTAGE TO      | FOOTAGE            | HOURS            | CORED FROM | CORED TO | REAMED FROM | REAMED TO | CONDIT-ION |         |  |  |  |  |  |
|                  | STANDS          | FT.                |                       |                                  |                                  |                |         |                                                                                                                                     |                 |               |                 |                    |                  |            |          |             |           |            |         |  |  |  |  |  |
|                  | SINGLES         | FT.                |                       |                                  |                                  |                |         |                                                                                                                                     |                 |               |                 |                    |                  |            |          |             |           |            |         |  |  |  |  |  |
|                  | D.C.'S          | FT.                |                       |                                  |                                  |                |         |                                                                                                                                     |                 |               |                 |                    |                  |            |          |             |           |            |         |  |  |  |  |  |
|                  | SUB             | FT.                | MUD                   | 12 MID.                          | 2 A.M.                           | 4 A.M.         | 6 P.M.  | WATER LOSS                                                                                                                          | FILTER CAKE     | PH            | GENERAL REMARKS |                    |                  |            |          |             |           |            |         |  |  |  |  |  |
|                  | SUB             | FT.                | WEIGHT                |                                  |                                  |                |         |                                                                                                                                     |                 |               |                 |                    |                  |            |          |             |           |            |         |  |  |  |  |  |
|                  | BIT OR C.B.     | FT.                | VISCOSITY             |                                  |                                  |                |         | ADDITIVES                                                                                                                           |                 |               |                 |                    |                  |            |          |             |           |            |         |  |  |  |  |  |
|                  |                 | FT.                | PUMP PRESSURE         |                                  |                                  |                |         |                                                                                                                                     |                 |               |                 |                    |                  |            |          |             |           |            |         |  |  |  |  |  |
|                  | KELLY IN        | FT.                | R.P.M. PUMP NO.1      |                                  |                                  |                |         |                                                                                                                                     |                 |               |                 |                    |                  |            |          |             |           |            |         |  |  |  |  |  |
|                  |                 |                    | R.P.M. PUMP NO.2      |                                  |                                  |                |         |                                                                                                                                     |                 |               |                 |                    |                  |            |          |             |           |            |         |  |  |  |  |  |
|                  | TOTAL           | FT.                | PUMP NO. 1 LINER SIZE | PUMP NO. 2 LINER SIZE            |                                  |                |         |                                                                                                                                     |                 |               |                 |                    |                  |            |          |             |           |            |         |  |  |  |  |  |
| FROM             | FOOTAGE         | TOTAL DEPTH        | HOURS ON BOTTOM       | DRILL PIPE WEIGHT                | NO. AND SIZE OF D.C.'S           | D.C. WEIGHT    | TRIPS   | NO OF LINES                                                                                                                         | TOTAL TON MILES | LINE CUT FEET | AT MILES        | FEET LEFT ON SPOOL | DATE OF LAST CUT | AT SURVEYS | DEGREES  | REMARKS     |           |            |         |  |  |  |  |  |
| 0                | 77              | 77                 | 2                     | 20M 2x6 1/4                      | 4000                             | 0              | 8       |                                                                                                                                     |                 |               |                 |                    |                  | 60         | 1        |             |           |            |         |  |  |  |  |  |
| NO.              | DRILLING STRING |                    | BITS RUN NO.          | SIZE                             | NOZZLE SIZE                      | SERIAL NO.     | TYPE    | WEIGHT                                                                                                                              | RPM             | FOOTAGE FROM  | FOOTAGE TO      | FOOTAGE            | HOURS            | CORED FROM | CORED TO | REAMED FROM | REAMED TO | CONDIT-ION |         |  |  |  |  |  |
|                  | STANDS          | 30                 | 31A                   | 12 1/4                           | 100                              | 153480         | 53      | 2M                                                                                                                                  | 120             | 0             | 77              | 77                 | 2                |            |          |             |           |            |         |  |  |  |  |  |
|                  | SINGLES         | 6                  | 9                     |                                  |                                  |                |         |                                                                                                                                     |                 |               |                 |                    |                  |            |          |             |           |            |         |  |  |  |  |  |
| 2                | D.C.'S          | 5848               | FT.                   |                                  |                                  |                |         |                                                                                                                                     |                 |               |                 |                    |                  |            |          |             |           |            |         |  |  |  |  |  |
|                  | SUB             | 257                | FT.                   | MUD                              | 8 A.M.                           | 10 A.M.        | 12 NOON | 2 P.M.                                                                                                                              | WATER LOSS      | FILTER CAKE   | PH              | GENERAL REMARKS    |                  |            |          |             |           |            |         |  |  |  |  |  |
|                  | SUB             | FT.                | WEIGHT                |                                  |                                  |                |         |                                                                                                                                     |                 |               |                 |                    |                  |            |          |             |           |            |         |  |  |  |  |  |
|                  | BIT OR C.B.     | 300                | FT.                   | VISCOSITY                        |                                  |                |         | 35                                                                                                                                  | ADDITIVES       |               |                 |                    |                  |            |          |             |           |            |         |  |  |  |  |  |
|                  |                 | FT.                | PUMP PRESSURE         |                                  |                                  |                |         |                                                                                                                                     | Bit #1500       |               |                 |                    |                  |            |          |             |           |            |         |  |  |  |  |  |
|                  | KELLY IN        | 13                 | FT.                   | R.P.M. PUMP NO.1                 |                                  |                |         |                                                                                                                                     | Caustic #50     |               |                 |                    |                  |            |          |             |           |            |         |  |  |  |  |  |
|                  |                 |                    | R.P.M. PUMP NO.2      |                                  |                                  |                |         |                                                                                                                                     |                 |               |                 |                    |                  |            |          |             |           |            |         |  |  |  |  |  |
|                  | TOTAL           | 77                 | FT.                   | PUMP NO. 1 LINER SIZE 7 1/4 x 14 | PUMP NO. 2 LINER SIZE 5 1/2 x 14 |                |         |                                                                                                                                     |                 |               |                 |                    |                  |            |          |             |           |            |         |  |  |  |  |  |
| FROM             | FOOTAGE         | TOTAL DEPTH        | HOURS ON BOTTOM       | DRILL PIPE WEIGHT                | NO. AND SIZE OF D.C.'S           | D.C. WEIGHT    | TRIPS   | NO OF LINES                                                                                                                         | TOTAL TON MILES | LINE CUT FEET | AT MILES        | FEET LEFT ON SPOOL | DATE OF LAST CUT | AT SURVEYS | DEGREES  | REMARKS     |           |            |         |  |  |  |  |  |
| 177              | 94              | 171                | 5 1/4                 | 25M                              | 5-6 1/4                          | 22M            |         | 8                                                                                                                                   | 0               | NEW           |                 | 3                  |                  | 90         | 1 1/4    |             |           |            |         |  |  |  |  |  |
| NO.              | DRILLING STRING |                    | BITS RUN NO.          | SIZE                             | NOZZLE SIZE                      | SERIAL NO.     | TYPE    | WEIGHT                                                                                                                              | RPM             | FOOTAGE FROM  | FOOTAGE TO      | FOOTAGE            | HOURS            | CORED FROM | CORED TO | REAMED FROM | REAMED TO | CONDIT-ION |         |  |  |  |  |  |
|                  | STANDS          | FT.                | 1A                    | 12 1/4                           | 100                              | 153480         | 53      | 2-5M                                                                                                                                | 140             | 0             | 171             | 171                | 7 1/2            |            |          |             |           |            |         |  |  |  |  |  |
|                  | SINGLES         | FT.                |                       |                                  |                                  |                |         |                                                                                                                                     |                 |               |                 |                    |                  |            |          |             |           |            |         |  |  |  |  |  |
| 5                | D.C.'S          | 149.89             | FT.                   |                                  |                                  |                |         |                                                                                                                                     |                 |               |                 |                    |                  |            |          |             |           |            |         |  |  |  |  |  |
|                  | SUB             | 3.08               | FT.                   | MUD                              | 4 P.M.                           | 6 P.M.         | 8 P.M.  | 10 P.M.                                                                                                                             | WATER LOSS      | FILTER CAKE   | PH              | GENERAL REMARKS    |                  |            |          |             |           |            |         |  |  |  |  |  |
|                  | SUB             | 2.57               | FT.                   | WEIGHT                           |                                  |                |         |                                                                                                                                     |                 |               |                 |                    |                  |            |          |             |           |            |         |  |  |  |  |  |
|                  | BIT OR C.B.     | FT.                | VISCOSITY             |                                  |                                  |                |         | 34                                                                                                                                  | ADDITIVES       |               |                 |                    | </               |            |          |             |           |            |         |  |  |  |  |  |

# REGENT DRILLING LIMITED

DAY WORK RECORD

DATE March 21/69

WELL NAME KEIR MCGEE JERN MARIE

DATE March 21/69

REPORT NO. \_\_\_\_\_

PLEASE SHOW FOOTAGE MADE WHILE

"CONTROL DRILLING" AS WELL AS HOURS

AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

|                  |  |                    |  |
|------------------|--|--------------------|--|
| LAST CASING SIZE |  | LAST CASING SET AT |  |
|                  |  |                    |  |

RIG NO. 29

LOCATION LSD. \_\_\_\_\_ SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RGE. \_\_\_\_\_

| FROM | FOOTAGE | TOTAL DEPTH | HOURS ON BOTTOM | DRILL PIPE WEIGHT | NO. AND SIZE OF D.C.'S | D.C. WEIGHT | TRIPS | NO OF LINES | TOTAL TON MILES | LINE CUT FEET | AT MILES | FEET LEFT ON SPOOL | DATE OF LAST CUT | AT | SURVEYS | DEGREES |
|------|---------|-------------|-----------------|-------------------|------------------------|-------------|-------|-------------|-----------------|---------------|----------|--------------------|------------------|----|---------|---------|
|      |         |             |                 |                   |                        |             |       |             |                 |               |          |                    |                  |    |         |         |

REMARKS

TIME

START STOP INT VAL

Rig up

800 500

| NO.   | DRILLING STRING | BITS RUN NO. | SIZE | NOZZLE SIZE           | SERIAL NO. | TYPE                  | WEIGHT | RPM    | FOOTAGE FROM | FOOTAGE TO  | FOOTAGE | HOURS           | CORED FROM | CORED TO | REAMED FROM | REAM-ED TO | CONDIT-ION |
|-------|-----------------|--------------|------|-----------------------|------------|-----------------------|--------|--------|--------------|-------------|---------|-----------------|------------|----------|-------------|------------|------------|
|       | STANDS          |              | FT.  |                       |            |                       |        |        |              |             |         |                 |            |          |             |            |            |
|       | SINGLES         |              | FT.  |                       |            |                       |        |        |              |             |         |                 |            |          |             |            |            |
|       | D.C.'S          |              | FT.  |                       |            |                       |        |        |              |             |         |                 |            |          |             |            |            |
|       | SUB             |              | FT.  | MUD                   | 12 MID.    | 2 A.M.                | 4 A.M. | 6 P.M. | WATER LOSS   | FILTER CAKE | PH      | GENERAL REMARKS |            |          |             |            |            |
|       | SUB             |              | FT.  | WEIGHT                |            |                       |        |        |              |             |         |                 |            |          |             |            |            |
|       | BIT OR C.B.     |              | FT.  | VISCOSITY             |            |                       |        |        | ADDITIVES    |             |         |                 |            |          |             |            |            |
|       |                 |              | FT.  | PUMP PRESSURE         |            |                       |        |        |              |             |         |                 |            |          |             |            |            |
|       | KELLY IN        |              | FT.  | R.P.M. PUMP NO.1      |            |                       |        |        |              |             |         |                 |            |          |             |            |            |
|       |                 |              | FT.  | R.P.M. PUMP NO.2      |            |                       |        |        |              |             |         |                 |            |          |             |            |            |
| TOTAL |                 |              | FT.  | PUMP NO. 1 LINER SIZE |            | PUMP NO. 2 LINER SIZE |        |        |              |             |         |                 |            |          |             |            |            |

| FROM | FOOTAGE | TOTAL DEPTH | HOURS ON BOTTOM | DRILL PIPE WEIGHT | NO. AND SIZE OF D.C.'S | D.C. WEIGHT | TRIPS | NO OF LINES | TOTAL TON MILES | LINE CUT FEET | AT MILES | FEET LEFT ON SPOOL | DATE OF LAST CUT | AT | SURVEYS | DEGREES |
|------|---------|-------------|-----------------|-------------------|------------------------|-------------|-------|-------------|-----------------|---------------|----------|--------------------|------------------|----|---------|---------|
|      |         |             |                 |                   |                        |             |       |             |                 |               |          |                    |                  |    |         |         |

REMARKS

STRING NEW DRILLING LINE 700

RAISE DERRICK & RIG UP

900 1/4

| NO.   | DRILLING STRING | BITS RUN NO. | SIZE | NOZZLE SIZE           | SERIAL NO. | TYPE                  | WEIGHT  | RPM    | FOOTAGE FROM | FOOTAGE TO  | FOOTAGE | HOURS           | CORED FROM | CORED TO | REAMED FROM | REAM-ED TO | CONDIT-ION |
|-------|-----------------|--------------|------|-----------------------|------------|-----------------------|---------|--------|--------------|-------------|---------|-----------------|------------|----------|-------------|------------|------------|
|       | STANDS          |              | FT.  |                       |            |                       |         |        |              |             |         |                 |            |          |             |            |            |
|       | SINGLES         |              | FT.  |                       |            |                       |         |        |              |             |         |                 |            |          |             |            |            |
|       | D.C.'S          |              | FT.  |                       |            |                       |         |        |              |             |         |                 |            |          |             |            |            |
|       | SUB             |              | FT.  | MUD                   | 8 A.M.     | 10 A.M.               | 12 NOON | 2 P.M. | WATER LOSS   | FILTER CAKE | PH      | GENERAL REMARKS |            |          |             |            |            |
|       | SUB             |              | FT.  | WEIGHT                |            |                       |         |        |              |             |         |                 |            |          |             |            |            |
|       | BIT OR C.B.     |              | FT.  | VISCOSITY             |            |                       |         |        | ADDITIVES    |             |         |                 |            |          |             |            |            |
|       |                 |              | FT.  | PUMP PRESSURE         |            |                       |         |        |              |             |         |                 |            |          |             |            |            |
|       | KELLY IN        |              | FT.  | R.P.M. PUMP NO.1      |            |                       |         |        |              |             |         |                 |            |          |             |            |            |
|       |                 |              | FT.  | R.P.M. PUMP NO.2      |            |                       |         |        |              |             |         |                 |            |          |             |            |            |
| TOTAL |                 |              | FT.  | PUMP NO. 1 LINER SIZE |            | PUMP NO. 2 LINER SIZE |         |        |              |             |         |                 |            |          |             |            |            |

| FROM | FOOTAGE | TOTAL DEPTH | HOURS ON BOTTOM | DRILL PIPE WEIGHT | NO. AND SIZE OF D.C.'S | D.C. WEIGHT | TRIPS | NO OF LINES | TOTAL TON MILES | LINE CUT FEET | AT MILES | FEET LEFT ON SPOOL | DATE OF LAST CUT | AT | SURVEYS | DEGREES |
|------|---------|-------------|-----------------|-------------------|------------------------|-------------|-------|-------------|-----------------|---------------|----------|--------------------|------------------|----|---------|---------|
|      |         |             |                 |                   |                        |             |       |             |                 |               |          |                    |                  |    |         |         |

REMARKS

Rigging up.

| NO.   | DRILLING STRING | BITS RUN NO. | SIZE | NOZZLE SIZE           | SERIAL NO. | TYPE                  | WEIGHT | RPM     | FOOTAGE FROM | FOOTAGE TO  | FOOTAGE | HOURS           | CORED FROM | CORED TO | REAMED FROM | REAM-ED TO | CONDIT-ION |
|-------|-----------------|--------------|------|-----------------------|------------|-----------------------|--------|---------|--------------|-------------|---------|-----------------|------------|----------|-------------|------------|------------|
|       | STANDS          |              | FT.  |                       |            |                       |        |         |              |             |         |                 |            |          |             |            |            |
|       | SINGLES         |              | FT.  |                       |            |                       |        |         |              |             |         |                 |            |          |             |            |            |
|       | D.C.'S          |              | FT.  |                       |            |                       |        |         |              |             |         |                 |            |          |             |            |            |
|       | SUB             |              | FT.  | MUD                   | 4 P.M.     | 6 P.M.                | 8 P.M. | 10 P.M. | WATER LOSS   | FILTER CAKE | PH      | GENERAL REMARKS |            |          |             |            |            |
|       | SUB             |              | FT.  | WEIGHT                |            |                       |        |         |              |             |         |                 |            |          |             |            |            |
|       | BIT OR C.B.     |              | FT.  | VISCOSITY             |            |                       |        |         | ADDITIVES    |             |         |                 |            |          |             |            |            |
|       |                 |              | FT.  | PUMP PRESSURE         |            |                       |        |         |              |             |         |                 |            |          |             |            |            |
|       | KELLY IN        |              | FT.  | R.P.M. PUMP NO.1      |            |                       |        |         |              |             |         |                 |            |          |             |            |            |
|       |                 |              | FT.  | R.P.M. PUMP NO.2      |            |                       |        |         |              |             |         |                 |            |          |             |            |            |
| TOTAL |                 |              | FT.  | PUMP NO. 1 LINER SIZE |            | PUMP NO. 2 LINER SIZE |        |         |              |             |         |                 |            |          |             |            |            |

|                     |                      |                                       |                       |                   |         |                       |
|---------------------|----------------------|---------------------------------------|-----------------------|-------------------|---------|-----------------------|
| TOTAL NO. OF JOINTS | DATE LAST SONOSCOPED | FOOTAGE DRILLED SINCE LAST SONOSCOPED | TOTAL FOOTAGE DRILLED | LAST CALIPER DATE | RESULTS | CODE LETTER OF STRING |
|                     |                      |                                       |                       |                   |         |                       |

ELAPSED TIME

PRESSURE

RESULTS

TOTCO RING ON BIT NO.

TOOLPUSHER

Wm Hustafson

APPROVED BY

# REGENT DRILLING LIMITED

DAY WORK RECORD

WELL NAME KFIR 1706E JEAN MARIE

DATE March 20/69

REPORT NO. \_\_\_\_\_

PLEASE SHOW FOOTAGE MADE WHILE

"CONTROL DRILLING" AS WELL AS HOURS

AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

DATE March 20/69

RIG NO. 29

LOCATION LSD. \_\_\_\_\_ SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RGE. \_\_\_\_\_

| LAST CASING SIZE |                 | LAST CASING SET AT |                       | DATE              |                        | WELL NAME             |         | RIG NO.     |                 | LOCATION      |                 | LSD.               |                  | SEC.     |             | TWP.      |            | RGE. |       | REMARKS |         | TIME |  |  |
|------------------|-----------------|--------------------|-----------------------|-------------------|------------------------|-----------------------|---------|-------------|-----------------|---------------|-----------------|--------------------|------------------|----------|-------------|-----------|------------|------|-------|---------|---------|------|--|--|
| FROM             | FOOTAGE         | TOTAL DEPTH        | HOURS ON BOTTOM       | DRILL PIPE WEIGHT | NO. AND SIZE OF D.C.'S | D.C. WEIGHT           | TRIPS   | NO OF LINES | TOTAL TON MILES | LINE CUT FEET | AT MILES        | FEET LEFT ON SPOOL | DATE OF LAST CUT | AT       | SURVEYS     | DEGREES   |            |      | START | STOP    | INT VAL |      |  |  |
| NO.              | DRILLING STRING | BITS RUN NO.       | SIZE                  | NOZZLE SIZE       | SERIAL NO.             | TYPE                  | WEIGHT  | RPM         | FOOTAGE FROM    | FOOTAGE TO    | FOOTAGE         | HOURS              | CORED FROM       | CORED TO | REAMED FROM | REAMED TO | CONDIT-ION |      |       |         |         |      |  |  |
|                  | STANDS          | FT.                |                       |                   |                        |                       |         |             |                 |               |                 |                    |                  |          |             |           |            |      |       |         |         |      |  |  |
|                  | SINGLES         | FT.                |                       |                   |                        |                       |         |             |                 |               |                 |                    |                  |          |             |           |            |      |       |         |         |      |  |  |
|                  | D.C.'S          | FT.                |                       |                   |                        |                       |         |             |                 |               |                 |                    |                  |          |             |           |            |      |       |         |         |      |  |  |
|                  | SUB             | FT.                | MUD                   | 12 MID.           | 2 A.M.                 | 4 A.M.                | 6 P.M.  | WATER LOSS  | FILTER CAKE     | PH            | GENERAL REMARKS |                    |                  |          |             |           |            |      |       |         |         |      |  |  |
|                  | SUB             | FT.                | WEIGHT                |                   |                        |                       |         |             |                 |               |                 |                    |                  |          |             |           |            |      |       |         |         |      |  |  |
|                  | BIT OR C.B.     | FT.                | VISCOSITY             |                   |                        |                       |         | ADDITIVES   |                 |               |                 |                    |                  |          |             |           |            |      |       |         |         |      |  |  |
|                  |                 | FT.                | PUMP PRESSURE         |                   |                        |                       |         |             |                 |               |                 |                    |                  |          |             |           |            |      |       |         |         |      |  |  |
|                  | KELLY IN        | FT.                | R.P.M. PUMP NO.1      |                   |                        |                       |         |             |                 |               |                 |                    |                  |          |             |           |            |      |       |         |         |      |  |  |
|                  |                 | FT.                | R.P.M. PUMP NO.2      |                   |                        |                       |         |             |                 |               |                 |                    |                  |          |             |           |            |      |       |         |         |      |  |  |
|                  | TOTAL           | FT.                | PUMP NO. 1 LINER SIZE |                   |                        | PUMP NO. 2 LINER SIZE |         |             |                 |               |                 |                    |                  |          |             |           |            |      |       |         |         |      |  |  |
| FROM             | FOOTAGE         | TOTAL DEPTH        | HOURS ON BOTTOM       | DRILL PIPE WEIGHT | NO. AND SIZE OF D.C.'S | D.C. WEIGHT           | TRIPS   | NO OF LINES | TOTAL TON MILES | LINE CUT FEET | AT MILES        | FEET LEFT ON SPOOL | DATE OF LAST CUT | AT       | SURVEYS     | DEGREES   | REMARKS    |      |       |         |         |      |  |  |
| NO.              | DRILLING STRING | BITS RUN NO.       | SIZE                  | NOZZLE SIZE       | SERIAL NO.             | TYPE                  | WEIGHT  | RPM         | FOOTAGE FROM    | FOOTAGE TO    | FOOTAGE         | HOURS              | CORED FROM       | CORED TO | REAMED FROM | REAMED TO | CONDIT-ION |      |       |         |         |      |  |  |
|                  | STANDS          | FT.                |                       |                   |                        |                       |         |             |                 |               |                 |                    |                  |          |             |           |            |      |       |         |         |      |  |  |
|                  | SINGLES         | FT.                |                       |                   |                        |                       |         |             |                 |               |                 |                    |                  |          |             |           |            |      |       |         |         |      |  |  |
|                  | D.C.'S          | FT.                |                       |                   |                        |                       |         |             |                 |               |                 |                    |                  |          |             |           |            |      |       |         |         |      |  |  |
|                  | SUB             | FT.                | MUD                   | 8 A.M.            | 10 A.M.                | 12 NOON               | 2 P.M.  | WATER LOSS  | FILTER CAKE     | PH            | GENERAL REMARKS |                    |                  |          |             |           |            |      |       |         |         |      |  |  |
|                  | SUB             | FT.                | WEIGHT                |                   |                        |                       |         |             |                 |               |                 |                    |                  |          |             |           |            |      |       |         |         |      |  |  |
|                  | BIT OR C.B.     | FT.                | VISCOSITY             |                   |                        |                       |         | ADDITIVES   |                 |               |                 |                    |                  |          |             |           |            |      |       |         |         |      |  |  |
|                  |                 | FT.                | PUMP PRESSURE         |                   |                        |                       |         |             |                 |               |                 |                    |                  |          |             |           |            |      |       |         |         |      |  |  |
|                  | KELLY IN        | FT.                | R.P.M. PUMP NO.1      |                   |                        |                       |         |             |                 |               |                 |                    |                  |          |             |           |            |      |       |         |         |      |  |  |
|                  |                 | FT.                | R.P.M. PUMP NO.2      |                   |                        |                       |         |             |                 |               |                 |                    |                  |          |             |           |            |      |       |         |         |      |  |  |
|                  | TOTAL           | FT.                | PUMP NO. 1 LINER SIZE |                   |                        | PUMP NO. 2 LINER SIZE |         |             |                 |               |                 |                    |                  |          |             |           |            |      |       |         |         |      |  |  |
| FROM             | FOOTAGE         | TOTAL DEPTH        | HOURS ON BOTTOM       | DRILL PIPE WEIGHT | NO. AND SIZE OF D.C.'S | D.C. WEIGHT           | TRIPS   | NO OF LINES | TOTAL TON MILES | LINE CUT FEET | AT MILES        | FEET LEFT ON SPOOL | DATE OF LAST CUT | AT       | SURVEYS     | DEGREES   | REMARKS    |      |       |         |         |      |  |  |
| NO.              | DRILLING STRING | BITS RUN NO.       | SIZE                  | NOZZLE SIZE       | SERIAL NO.             | TYPE                  | WEIGHT  | RPM         | FOOTAGE FROM    | FOOTAGE TO    | FOOTAGE         | HOURS              | CORED FROM       | CORED TO | REAMED FROM | REAMED TO | CONDIT-ION |      |       |         |         |      |  |  |
|                  | STANDS          | FT.                |                       |                   |                        |                       |         |             |                 |               |                 |                    |                  |          |             |           |            |      |       |         |         |      |  |  |
|                  | SINGLES         | FT.                |                       |                   |                        |                       |         |             |                 |               |                 |                    |                  |          |             |           |            |      |       |         |         |      |  |  |
|                  | D.C.'S          | FT.                |                       |                   |                        |                       |         |             |                 |               |                 |                    |                  |          |             |           |            |      |       |         |         |      |  |  |
|                  | SUB             | FT.                | MUD                   | 4 P.M.            | 6 P.M.                 | 8 P.M.                | 10 P.M. | WATER LOSS  | FILTER CAKE     | PH            | GENERAL REMARKS |                    |                  |          |             |           |            |      |       |         |         |      |  |  |
|                  | SUB             | FT.                | WEIGHT                |                   |                        |                       |         |             |                 |               |                 |                    |                  |          |             |           |            |      |       |         |         |      |  |  |
|                  | BIT OR C.B.     | FT.                | VISCOSITY             |                   |                        |                       |         | ADDITIVES   |                 |               |                 |                    |                  |          |             |           |            |      |       |         |         |      |  |  |
|                  |                 | FT.                | PUMP PRESSURE         |                   |                        |                       |         |             |                 |               |                 |                    |                  |          |             |           |            |      |       |         |         |      |  |  |
|                  | KELLY IN        | FT.                | R.P.M. PUMP NO.1      |                   |                        |                       |         |             |                 |               |                 |                    |                  |          |             |           |            |      |       |         |         |      |  |  |
|                  |                 | FT.                | R.P.M. PUMP NO.2      |                   |                        |                       |         |             |                 |               |                 |                    |                  |          |             |           |            |      |       |         |         |      |  |  |
|                  | TOTAL           | FT.                | PUMP NO. 1 LINER SIZE |                   |                        | PUMP NO. 2 LINER SIZE |         |             |                 |               |                 |                    |                  |          |             |           |            |      |       |         |         |      |  |  |

TOOLPUSHER

Wm Gustafson

APPROVED BY

# REGENT DOLLING LIMITED

DAY WORK RECORD

DATE 11/19/69

REPORT NO. \_\_\_\_\_

WELL NAME ST. RICHARD  
JANUARY 69

PLEASE SHOW FOOTAGE MADE WHILE  
"CONTROL DRILLING" AS WELL AS HOURS  
AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

| LAST CASING SIZE |                     | LAST CASING SET AT                   |                       | DATE <u>11/19/69</u>  |                        | RIG NO. <u>49</u>     |         | LOCATION LSD. |                 | SEC.          |          | TWP.               |                  | RGE.     |             | REMARKS   |            | TIME  |      |         |  |  |
|------------------|---------------------|--------------------------------------|-----------------------|-----------------------|------------------------|-----------------------|---------|---------------|-----------------|---------------|----------|--------------------|------------------|----------|-------------|-----------|------------|-------|------|---------|--|--|
| FROM             | FOOTAGE             | TOTAL DEPTH                          | HOURS ON BOTTOM       | DRILL PIPE WEIGHT     | NO. AND SIZE OF D.C.'S | D.C. WEIGHT           | TRIPS   | NO OF LINES   | TOTAL TON MILES | LINE CUT FEET | AT MILES | FEET LEFT ON SPOOL | DATE OF LAST CUT | AT       | SURVEYS     | DEGREES   | REMARKS    | START | STOP | INT VAL |  |  |
| NO.              | DRILLING STRING     | BITS RUN NO.                         | SIZE                  | NOZZLE SIZE           | SERIAL NO.             | TYPE                  | WEIGHT  | RPM           | FOOTAGE FROM    | FOOTAGE TO    | FOOTAGE  | HOURS              | CORED FROM       | CORED TO | REAMED FROM | REAMED TO | CONDIT-ION |       |      |         |  |  |
|                  | STANDS              | FT.                                  |                       |                       |                        |                       |         |               |                 |               |          |                    |                  |          |             |           |            |       |      |         |  |  |
|                  | SINGLES             | FT.                                  |                       |                       |                        |                       |         |               |                 |               |          |                    |                  |          |             |           |            |       |      |         |  |  |
|                  | D.C.'S              | FT.                                  |                       |                       |                        |                       |         |               |                 |               |          |                    |                  |          |             |           |            |       |      |         |  |  |
|                  | SUB                 | FT.                                  | MUD                   | 12 MID.               | 2 A.M.                 | 4 A.M.                | 6 P.M.  |               | WATER LOSS      | FILTER CAKE   | PH       | GENERAL REMARKS    |                  |          |             |           |            |       |      |         |  |  |
|                  | SUB                 | FT.                                  | WEIGHT                |                       |                        |                       |         |               |                 |               |          |                    |                  |          |             |           |            |       |      |         |  |  |
|                  | BIT OR C.B.         | FT.                                  | VISCOSITY             |                       |                        |                       |         |               | ADDITIVES       |               |          |                    |                  |          |             |           |            |       |      |         |  |  |
|                  |                     | FT.                                  | PUMP PRESSURE         |                       |                        |                       |         |               |                 |               |          |                    |                  |          |             |           |            |       |      |         |  |  |
|                  | KELLY IN            | FT.                                  | R.P.M. PUMP NO.1      |                       |                        |                       |         |               |                 |               |          |                    |                  |          |             |           |            |       |      |         |  |  |
|                  |                     | FT.                                  | R.P.M. PUMP NO.2      |                       |                        |                       |         |               |                 |               |          |                    |                  |          |             |           |            |       |      |         |  |  |
|                  | TOTAL               | FT.                                  | PUMP NO. 1 LINER SIZE |                       |                        | PUMP NO. 2 LINER SIZE |         |               |                 |               |          |                    |                  |          |             |           |            |       |      |         |  |  |
| FROM             | FOOTAGE             | TOTAL DEPTH                          | HOURS ON BOTTOM       | DRILL PIPE WEIGHT     | NO. AND SIZE OF D.C.'S | D.C. WEIGHT           | TRIPS   | NO OF LINES   | TOTAL TON MILES | LINE CUT FEET | AT MILES | FEET LEFT ON SPOOL | DATE OF LAST CUT | AT       | SURVEYS     | DEGREES   | REMARKS    |       |      |         |  |  |
| NO.              | DRILLING STRING     | BITS RUN NO.                         | SIZE                  | NOZZLE SIZE           | SERIAL NO.             | TYPE                  | WEIGHT  | RPM           | FOOTAGE FROM    | FOOTAGE TO    | FOOTAGE  | HOURS              | CORED FROM       | CORED TO | REAMED FROM | REAMED TO | CONDIT-ION |       |      |         |  |  |
|                  | STANDS              | FT.                                  |                       |                       |                        |                       |         |               |                 |               |          |                    |                  |          |             |           |            |       |      |         |  |  |
|                  | SINGLES             | FT.                                  |                       |                       |                        |                       |         |               |                 |               |          |                    |                  |          |             |           |            |       |      |         |  |  |
|                  | D.C.'S              | FT.                                  |                       |                       |                        |                       |         |               |                 |               |          |                    |                  |          |             |           |            |       |      |         |  |  |
|                  | SUB                 | FT.                                  | MUD                   | 8 A.M.                | 10 A.M.                | 12 NOON               | 2 P.M.  |               | WATER LOSS      | FILTER CAKE   | PH       | GENERAL REMARKS    |                  |          |             |           |            |       |      |         |  |  |
|                  | SUB                 | FT.                                  | WEIGHT                |                       |                        |                       |         |               |                 |               |          |                    |                  |          |             |           |            |       |      |         |  |  |
|                  | BIT OR C.B.         | FT.                                  | VISCOSITY             |                       |                        |                       |         |               | ADDITIVES       |               |          |                    |                  |          |             |           |            |       |      |         |  |  |
|                  |                     | FT.                                  | PUMP PRESSURE         |                       |                        |                       |         |               |                 |               |          |                    |                  |          |             |           |            |       |      |         |  |  |
|                  | KELLY IN            | FT.                                  | R.P.M. PUMP NO.1      |                       |                        |                       |         |               |                 |               |          |                    |                  |          |             |           |            |       |      |         |  |  |
|                  |                     | FT.                                  | R.P.M. PUMP NO.2      |                       |                        |                       |         |               |                 |               |          |                    |                  |          |             |           |            |       |      |         |  |  |
|                  | TOTAL               | FT.                                  | PUMP NO. 1 LINER SIZE |                       |                        | PUMP NO. 2 LINER SIZE |         |               |                 |               |          |                    |                  |          |             |           |            |       |      |         |  |  |
| FROM             | FOOTAGE             | TOTAL DEPTH                          | HOURS ON BOTTOM       | DRILL PIPE WEIGHT     | NO. AND SIZE OF D.C.'S | D.C. WEIGHT           | TRIPS   | NO OF LINES   | TOTAL TON MILES | LINE CUT FEET | AT MILES | FEET LEFT ON SPOOL | DATE OF LAST CUT | AT       | SURVEYS     | DEGREES   | REMARKS    |       |      |         |  |  |
| NO.              | DRILLING STRING     | BITS RUN NO.                         | SIZE                  | NOZZLE SIZE           | SERIAL NO.             | TYPE                  | WEIGHT  | RPM           | FOOTAGE FROM    | FOOTAGE TO    | FOOTAGE  | HOURS              | CORED FROM       | CORED TO | REAMED FROM | REAMED TO | CONDIT-ION |       |      |         |  |  |
|                  | STANDS              | FT.                                  |                       |                       |                        |                       |         |               |                 |               |          |                    |                  |          |             |           |            |       |      |         |  |  |
|                  | SINGLES             | FT.                                  |                       |                       |                        |                       |         |               |                 |               |          |                    |                  |          |             |           |            |       |      |         |  |  |
|                  | D.C.'S              | FT.                                  |                       |                       |                        |                       |         |               |                 |               |          |                    |                  |          |             |           |            |       |      |         |  |  |
|                  | SUB                 | FT.                                  | MUD                   | 4 P.M.                | 6 P.M.                 | 8 P.M.                | 10 P.M. |               | WATER LOSS      | FILTER CAKE   | PH       | GENERAL REMARKS    |                  |          |             |           |            |       |      |         |  |  |
|                  | SUB                 | FT.                                  | WEIGHT                |                       |                        |                       |         |               |                 |               |          |                    |                  |          |             |           |            |       |      |         |  |  |
|                  | BIT OR C.B.         | FT.                                  | VISCOSITY             |                       |                        |                       |         |               | ADDITIVES       |               |          |                    |                  |          |             |           |            |       |      |         |  |  |
|                  |                     | FT.                                  | PUMP PRESSURE         |                       |                        |                       |         |               |                 |               |          |                    |                  |          |             |           |            |       |      |         |  |  |
|                  | KELLY IN            | FT.                                  | R.P.M. PUMP NO.1      |                       |                        |                       |         |               |                 |               |          |                    |                  |          |             |           |            |       |      |         |  |  |
|                  |                     | FT.                                  | R.P.M. PUMP NO.2      |                       |                        |                       |         |               |                 |               |          |                    |                  |          |             |           |            |       |      |         |  |  |
|                  | TOTAL               | FT.                                  | PUMP NO. 1 LINER SIZE |                       |                        | PUMP NO. 2 LINER SIZE |         |               |                 |               |          |                    |                  |          |             |           |            |       |      |         |  |  |
| NO.              | DATE LAST SONOSCOPE | FOOTAGE DRILLED SINCE LAST SONOSCOPE | TOTAL FOOTAGE DRILLED | LAST CALIPER DATE     | RESULTS                | CODE LETTER OF STRING |         |               |                 |               |          |                    |                  |          |             |           |            |       |      |         |  |  |
| ELAPSED TIME     |                     | PRESSURE                             | RESULTS               | TOTCO RING ON BIT NO. |                        |                       |         |               |                 |               |          |                    |                  |          |             |           |            |       |      |         |  |  |

TOOLPUSHER

Wm. H. Hester

APPROVED BY

# REGENT BILLING LIMITED

## DAY WORK RECORD

WELL NAME GON SWP 7-116 JIMMIE  
Q 118

DATE APR 19<sup>TH</sup> 69

REPORT NO. \_\_\_\_\_

DATE March 19/69  
29

RIG NO. \_\_\_\_\_

LOCATION LSD. \_\_\_\_\_ SEC. \_\_\_\_\_ TWP. \_\_\_\_\_ RGE. \_\_\_\_\_

PLEASE SHOW FOOTAGE MADE WHILE  
 "CONTROL DRILLING" AS WELL AS HOURS  
 AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC.

| LAST CASING SIZE |                      | LAST CASING SET AT                    |                       | DATE                  |                        | WELL NAME             |            | RIG NO.     |                 | LOCATION LSD.   |          | SEC.               |                  | TWP.     |             | RGE.      |            | PLEASE SHOW FOOTAGE MADE WHILE<br>"CONTROL DRILLING" AS WELL AS HOURS<br>AND ALSO RECORD CORE CUTTERS, CATCHERS, SWAB RUBBERS, ETC. |      | TIME    |  |  |  |
|------------------|----------------------|---------------------------------------|-----------------------|-----------------------|------------------------|-----------------------|------------|-------------|-----------------|-----------------|----------|--------------------|------------------|----------|-------------|-----------|------------|-------------------------------------------------------------------------------------------------------------------------------------|------|---------|--|--|--|
| FROM             | FOOTAGE              | TOTAL DEPTH                           | HOURS ON BOTTOM       | DRILL PIPE WEIGHT     | NO. AND SIZE OF D.C.'S | D.C. WEIGHT           | TRIPS      | NO OF LINES | TOTAL TON MILES | LINE CUT FEET   | AT MILES | FEET LEFT ON SPOOL | DATE OF LAST CUT | AT       | SURVEYS     | DEGREES   | REMARKS    | START                                                                                                                               | STOP | INT VAL |  |  |  |
| NO.              | DRILLING STRING      | BITS RUN NO.                          | SIZE                  | NOZZLE SIZE           | SERIAL NO.             | TYPE                  | WEIGHT     | RPM         | FOOTAGE FROM    | FOOTAGE TO      | FOOTAGE  | HOURS              | CORED FROM       | CORED TO | REAMED FROM | REAMED TO | CONDIT-ION |                                                                                                                                     |      |         |  |  |  |
| STANDS           | FT.                  |                                       |                       |                       |                        |                       |            |             |                 |                 |          |                    |                  |          |             |           |            |                                                                                                                                     |      |         |  |  |  |
| SINGLES          | FT.                  |                                       |                       |                       |                        |                       |            |             |                 |                 |          |                    |                  |          |             |           |            |                                                                                                                                     |      |         |  |  |  |
| D.C.'S           | FT.                  |                                       |                       |                       |                        |                       |            |             |                 |                 |          |                    |                  |          |             |           |            |                                                                                                                                     |      |         |  |  |  |
| SUB              | FT.                  | MUD                                   | 12 MID.               | 2 A.M.                | 4 A.M.                 | 5 P.M.                | WATER LOSS | FILTER CAKE | PH              | GENERAL REMARKS |          |                    |                  |          |             |           |            |                                                                                                                                     |      |         |  |  |  |
| SUB              | FT.                  | WEIGHT                                |                       |                       |                        |                       |            |             |                 |                 |          |                    |                  |          |             |           |            |                                                                                                                                     |      |         |  |  |  |
| BIT OR C.B.      | FT.                  | VISCOSITY                             |                       |                       |                        |                       | ADDITIVES  |             |                 |                 |          |                    |                  |          |             |           |            |                                                                                                                                     |      |         |  |  |  |
|                  | FT.                  | PUMP PRESSURE                         |                       |                       |                        |                       |            |             |                 |                 |          |                    |                  |          |             |           |            |                                                                                                                                     |      |         |  |  |  |
| KELLY IN         | FT.                  | R.P.M. PUMP NO.1                      |                       |                       |                        |                       |            |             |                 |                 |          |                    |                  |          |             |           |            |                                                                                                                                     |      |         |  |  |  |
|                  | FT.                  | R.P.M. PUMP NO.2                      |                       |                       |                        |                       |            |             |                 |                 |          |                    |                  |          |             |           |            |                                                                                                                                     |      |         |  |  |  |
| TOTAL            | FT.                  | PUMP NO. 1 LINER SIZE                 | 7 1/4" 114            | PUMP NO. 2 LINER SIZE | 5 1/2" 112             |                       |            |             |                 |                 |          |                    |                  |          |             |           |            |                                                                                                                                     |      |         |  |  |  |
| FROM             | FOOTAGE              | TOTAL DEPTH                           | HOURS ON BOTTOM       | DRILL PIPE WEIGHT     | NO. AND SIZE OF D.C.'S | D.C. WEIGHT           | TRIPS      | NO OF LINES | TOTAL TON MILES | LINE CUT FEET   | AT MILES | FEET LEFT ON SPOOL | DATE OF LAST CUT | AT       | SURVEYS     | DEGREES   | REMARKS    |                                                                                                                                     |      |         |  |  |  |
| NO.              | DRILLING STRING      | BITS RUN NO.                          | SIZE                  | NOZZLE SIZE           | SERIAL NO.             | TYPE                  | WEIGHT     | RPM         | FOOTAGE FROM    | FOOTAGE TO      | FOOTAGE  | HOURS              | CORED FROM       | CORED TO | REAMED FROM | REAMED TO | CONDIT-ION |                                                                                                                                     |      |         |  |  |  |
| STANDS           | FT.                  |                                       |                       |                       |                        |                       |            |             |                 |                 |          |                    |                  |          |             |           |            |                                                                                                                                     |      |         |  |  |  |
| SINGLES          | FT.                  |                                       |                       |                       |                        |                       |            |             |                 |                 |          |                    |                  |          |             |           |            |                                                                                                                                     |      |         |  |  |  |
| D.C.'S           | FT.                  |                                       |                       |                       |                        |                       |            |             |                 |                 |          |                    |                  |          |             |           |            |                                                                                                                                     |      |         |  |  |  |
| SUB              | FT.                  | MUD                                   | 8 A.M.                | 10 A.M.               | 12 NOON                | 2 P.M.                | WATER LOSS | FILTER CAKE | PH              | GENERAL REMARKS |          |                    |                  |          |             |           |            |                                                                                                                                     |      |         |  |  |  |
| SUB              | FT.                  | WEIGHT                                |                       |                       |                        |                       |            |             |                 |                 |          |                    |                  |          |             |           |            |                                                                                                                                     |      |         |  |  |  |
| BIT OR C.B.      | FT.                  | VISCOSITY                             |                       |                       |                        |                       | ADDITIVES  |             |                 |                 |          |                    |                  |          |             |           |            |                                                                                                                                     |      |         |  |  |  |
|                  | FT.                  | PUMP PRESSURE                         |                       |                       |                        |                       |            |             |                 |                 |          |                    |                  |          |             |           |            |                                                                                                                                     |      |         |  |  |  |
| KELLY IN         | FT.                  | R.P.M. PUMP NO.1                      |                       |                       |                        |                       |            |             |                 |                 |          |                    |                  |          |             |           |            |                                                                                                                                     |      |         |  |  |  |
|                  | FT.                  | R.P.M. PUMP NO.2                      |                       |                       |                        |                       |            |             |                 |                 |          |                    |                  |          |             |           |            |                                                                                                                                     |      |         |  |  |  |
| TOTAL            | FT.                  | PUMP NO. 1 LINER SIZE                 |                       | PUMP NO. 2 LINER SIZE |                        |                       |            |             |                 |                 |          |                    |                  |          |             |           |            |                                                                                                                                     |      |         |  |  |  |
| FROM             | FOOTAGE              | TOTAL DEPTH                           | HOURS ON BOTTOM       | DRILL PIPE WEIGHT     | NO. AND SIZE OF D.C.'S | D.C. WEIGHT           | TRIPS      | NO OF LINES | TOTAL TON MILES | LINE CUT FEET   | AT MILES | FEET LEFT ON SPOOL | DATE OF LAST CUT | AT       | SURVEYS     | DEGREES   | REMARKS    |                                                                                                                                     |      |         |  |  |  |
| NO.              | DRILLING STRING      | BITS RUN NO.                          | SIZE                  | NOZZLE SIZE           | SERIAL NO.             | TYPE                  | WEIGHT     | RPM         | FOOTAGE FROM    | FOOTAGE TO      | FOOTAGE  | HOURS              | CORED FROM       | CORED TO | REAMED FROM | REAMED TO | CONDIT-ION |                                                                                                                                     |      |         |  |  |  |
| STANDS           | FT.                  |                                       |                       |                       |                        |                       |            |             |                 |                 |          |                    |                  |          |             |           |            |                                                                                                                                     |      |         |  |  |  |
| SINGLES          | FT.                  |                                       |                       |                       |                        |                       |            |             |                 |                 |          |                    |                  |          |             |           |            |                                                                                                                                     |      |         |  |  |  |
| D.C.'S           | FT.                  |                                       |                       |                       |                        |                       |            |             |                 |                 |          |                    |                  |          |             |           |            |                                                                                                                                     |      |         |  |  |  |
| SUB              | FT.                  | MUD                                   | 4 P.M.                | 6 P.M.                | 8 P.M.                 | 10 P.M.               | WATER LOSS | FILTER CAKE | PH              | GENERAL REMARKS |          |                    |                  |          |             |           |            |                                                                                                                                     |      |         |  |  |  |
| SUB              | FT.                  | WEIGHT                                |                       |                       |                        |                       |            |             |                 |                 |          |                    |                  |          |             |           |            |                                                                                                                                     |      |         |  |  |  |
| BIT OR C.B.      | FT.                  | VISCOSITY                             |                       |                       |                        |                       | ADDITIVES  |             |                 |                 |          |                    |                  |          |             |           |            |                                                                                                                                     |      |         |  |  |  |
|                  | FT.                  | PUMP PRESSURE                         |                       |                       |                        |                       |            |             |                 |                 |          |                    |                  |          |             |           |            |                                                                                                                                     |      |         |  |  |  |
| KELLY IN         | FT.                  | R.P.M. PUMP NO.1                      |                       |                       |                        |                       |            |             |                 |                 |          |                    |                  |          |             |           |            |                                                                                                                                     |      |         |  |  |  |
|                  | FT.                  | R.P.M. PUMP NO.2                      |                       |                       |                        |                       |            |             |                 |                 |          |                    |                  |          |             |           |            |                                                                                                                                     |      |         |  |  |  |
| TOTAL            | FT.                  | PUMP NO. 1 LINER SIZE                 |                       | PUMP NO. 2 LINER SIZE |                        |                       |            |             |                 |                 |          |                    |                  |          |             |           |            |                                                                                                                                     |      |         |  |  |  |
| NO.              | DATE LAST SONOSCOPED | FOOTAGE DRILLED SINCE LAST SONOSCOPED | TOTAL FOOTAGE DRILLED | LAST CALIPER DATE     | RESULTS                | CODE LETTER OF STRING |            |             |                 |                 |          |                    |                  |          |             |           |            |                                                                                                                                     |      |         |  |  |  |
| 150              |                      |                                       |                       |                       |                        |                       |            |             |                 |                 |          |                    |                  |          |             |           |            |                                                                                                                                     |      |         |  |  |  |
| ELAPSED TIME     |                      | PRESSURE                              |                       | RESULTS               |                        | TOTCO RING ON BIT NO. |            |             |                 |                 |          |                    |                  |          |             |           |            |                                                                                                                                     |      |         |  |  |  |

TOOLPUSHER

APPROVED BY

*Wm Gustafson*

TOOLPUSHER TWENTY-FOUR HOUR DRILL

KN-1023-A  
WELL

TOOLPUSHER NAME

|                          |  |                             |     |                          |  |                    |  |
|--------------------------|--|-----------------------------|-----|--------------------------|--|--------------------|--|
| TOTAL                    |  | AY                          | 250 | BIT NO.                  |  | BIT NO.            |  |
| PREVIOUS TO DEPTH        |  | 2500                        |     | KIND                     |  | KIND               |  |
| FOOTAGE DRILLED          |  | —                           |     | SERIAL NO.               |  | SERIAL NO.         |  |
| FORMATION                |  | —                           |     | SIZE                     |  | SIZE               |  |
| OPERATION AT REPORT TIME |  | Tearing out and loading out |     | TYPE                     |  | TYPE               |  |
|                          |  | rot                         |     | NO. & SIZE WATER COURSES |  | NO. & SIZE COURSES |  |
|                          |  |                             |     | OUT                      |  | OUT                |  |
|                          |  |                             |     | IN                       |  | IN                 |  |
|                          |  |                             |     | FEET MADE                |  | FEET MADE          |  |
|                          |  |                             |     | HOURS                    |  | HOURS              |  |

| MUD PROPERTIES |        | MUD USED  |        | SLOPE TESTS          |         |
|----------------|--------|-----------|--------|----------------------|---------|
| WT.            | OIL    |           |        |                      |         |
| VIS.           | WATER  |           |        |                      |         |
| W. L.          | S      |           |        |                      |         |
| F. C.          | SAND   |           |        |                      |         |
| P. F.          | P. M.  |           |        |                      |         |
| CHLORIDE       |        |           |        |                      |         |
| SALT           | CAL.   | OIL ADDED |        |                      |         |
| PUMP           | LINERS | SPM       | PRESS. | ROTARY RPM           | BIT WT. |
| PUMP           | LINERS | SPM       | PRESS. | DRILL COLLARS: O. D. | FT.     |
| PUMP           | LINERS | SPM       | PRESS. |                      |         |

|         |       |   |             |    |
|---------|-------|---|-------------|----|
| TOTAL D | HOURS | 0 | OTHER HOURS | 29 |
|---------|-------|---|-------------|----|

REMARKS:

3

Get plug #2 to at 901 KB, load down drill pipe

4 hr. Casing, set 5' casing in top, weld on 1/2" plate and  
then marker

Rig released from well 4:00 PM March 29

hr. Rigging down: To move out and to transport out first trucks  
will break camp. returning

DATE

30

DRILL NO.

RECENT 29

# TOOLPUSHERS TWENTY-FOUR HOUR DRILLING REPORT

KH-1032-A

WELL NAME:

OPERATOR

LOGGERS NAME

*Ross-McCree Jean Marie C-73*

*KMG NWL*

*Bartholomew*

|                          |                     |                          |  |                    |  |
|--------------------------|---------------------|--------------------------|--|--------------------|--|
| TOTAL DEPTH TODAY        | <i>2500</i>         | BIT NO.                  |  | BIT NO.            |  |
| PREVIOUS TOTAL DEPTH     | <i>2500</i>         | KIND                     |  | KIND               |  |
| FOOTAGE DRILLED          | <i>0</i>            | SERIAL NO.               |  | SERIAL NO.         |  |
| FORMATION                | <i>—</i>            | SIZE                     |  | SIZE               |  |
| OPERATION AT REPORT TIME | <i>WOC, Plug #2</i> | TYPE                     |  | TYPE               |  |
|                          |                     | NO. & SIZE WATER COURSES |  | NO. & SIZE COURSES |  |
|                          |                     | OUT                      |  | OUT                |  |
|                          |                     | IN                       |  | IN                 |  |
|                          |                     | FEET MADE                |  | FEET MADE          |  |
|                          |                     | HOURS                    |  | HOURS              |  |

| MUD PROPERTIES |             | MUD USED  |            |                     | SLOPE TESTS |
|----------------|-------------|-----------|------------|---------------------|-------------|
| WT.            | <i>9.5</i>  | OIL       | <i>—</i>   |                     |             |
| VIS.           | <i>120</i>  | WATER     |            |                     |             |
| W.L.           | <i>7.0</i>  | SOLIDS    |            |                     |             |
| F.C.           | <i>2/32</i> | SAND      |            |                     |             |
| P.F.           |             | P.M.      |            |                     |             |
| CHLORIDE       |             | P.H.      | <i>8.5</i> |                     |             |
| SALT           |             | CAL.      |            |                     |             |
|                |             | OIL ADDED |            |                     |             |
| PUMP           | LINERS      | SPM       | PRESS.     | ROTARY RPM          | BIT WT.     |
| PUMP           | LINERS      | SPM       | PRESS.     | DRILL COLLARS: O.D. | FT.         |
| PUMP           | LINERS      | SPM       | PRESS.     |                     |             |

TOTAL DRILLING HOURS *0* OTHER HOURS *24*

REMARKS: (REPORT DETAIL)

*2 3/4 hr Circulate, Survey, and hoist to log*  
*5 1/4 hr Logging. Reamers 2" x 100' from 466-2501; 5" x 100' from 2100-2501*  
*Ream 5-GR-C 2" x 100' from 466-2492; 5" x 100' from 2100-2492*  
*4 1/2 hr Lay down collars*  
*3 1/2 hr Trip in open ended and circulate on bottom*  
*1 hr Run Plug #1, 2500'-2250'; 1203x oil well cement In place 1:42 AM 3-29*  
*1 hr Hoist*  
*1/2 hr Run Plug #2, 515-415; 853x Cement cement w/ 29% CaCl<sub>2</sub> In place 3:42 AM*  
*4 1/2 hr WOC and lay down drill pipe*

DATE

RIG NO.

*MARCH 29 1969*

*REPORT 29*

## TOOLPUSHERS TWENTY-FOUR HOUR DRILLING REPORT

|                                                           |  |                                         |  |                    |  |
|-----------------------------------------------------------|--|-----------------------------------------|--|--------------------|--|
| WELL NAME<br><i>Dean Marie C-73</i>                       |  | OPERATOR<br><i>Kay-Kin</i>              |  | TOOLPUSHER NAME    |  |
| TOTAL DEPTH TODAY<br><i>2500</i>                          |  | BIT NO. <i>2</i>                        |  | BIT NO.            |  |
| PREVIOUS TOTAL DEPTH<br><i>2320</i>                       |  | KIND <i>Security</i>                    |  | KIND               |  |
| FOOTAGE DRILLED<br><i>180</i>                             |  | SERIAL NO. <i>168305</i>                |  | SERIAL NO.         |  |
| FORMATION                                                 |  | SIZE <i>7 7/8</i>                       |  | SIZE               |  |
| OPERATION AT REPORT TIME<br><i>Dummy Trip for Logging</i> |  | TYPE <i>M-H-N</i>                       |  | TYPE               |  |
|                                                           |  | NO. & SIZE WATER COURSES <i>3-1 1/2</i> |  | NO. & SIZE COURSES |  |
|                                                           |  | OUT <i>2500</i>                         |  | OUT                |  |
|                                                           |  | IN <i>2320</i>                          |  | IN                 |  |
|                                                           |  | FEET MADE <i>180'</i>                   |  | FEET MADE          |  |
|                                                           |  | HOURS <i>22</i>                         |  | HOURS              |  |

| MUD PROPERTIES   |                          | MUD USED                 |                    | SLOPE TESTS                                         |                       |
|------------------|--------------------------|--------------------------|--------------------|-----------------------------------------------------|-----------------------|
| WT. <i>9.7</i>   | OIL                      | <i>2500# gel</i>         |                    | <i>3/4. 2143</i>                                    |                       |
| VIS. <i>65</i>   | WATER                    | <i>100# white wax in</i> |                    |                                                     |                       |
| W.L. <i>7.0</i>  | SOLIDS                   | <i>100# CP</i>           |                    |                                                     |                       |
| F.C. <i>2/32</i> | SAND                     |                          |                    |                                                     |                       |
| P.F.             | P.M.                     |                          |                    |                                                     |                       |
| CHLORIDE         | P.H. <i>9.0</i>          |                          |                    |                                                     |                       |
| SALT             | CAL.                     | OIL ADDED                |                    |                                                     |                       |
| PUMP <i>1</i>    | LINERS <i>5 1/2 x 14</i> | SPM <i>66</i>            | PRESS. <i>1050</i> | ROTARY RPM <i>70</i>                                | BIT WT. <i>30,000</i> |
| PUMP             | LINERS                   | SPM                      | PRESS.             | DRILL COLLARS: O.D. <i>6 1/2'</i> FT. <i>6 1/4"</i> |                       |
| PUMP             | LINERS                   | SPM                      | PRESS.             |                                                     |                       |

|                                |                      |
|--------------------------------|----------------------|
| TOTAL DRILLING HOURS <i>22</i> | OTHER HOURS <i>2</i> |
|--------------------------------|----------------------|

REMARKS: (REPORT DETAIL)

*1/2 RS*  
*1/2 circ to Log.*  
*1 Tripping*  
*22 Drilling*  
*Temp -18° partly cloudy.*

*(5:30 - 6pm) Hay River @ noon.*

DATE

RIG NO.

*March 28/69.**Regent*

# TOOLPUSHERS TWENTY-FOUR HOUR DRILLING REPORT

|                                                  |  |                                      |  |                    |  |
|--------------------------------------------------|--|--------------------------------------|--|--------------------|--|
| WELL NAME: <i>San-Mateo, Jr. Mine C-73</i>       |  | OPERATOR: <i>Kenneth C. Goe</i>      |  | TOOLPUSHER NAME:   |  |
| TOTAL DEPTH TODAY <i>2320</i>                    |  | BIT NO. <i>1</i>                     |  | BIT NO.            |  |
| PREVIOUS TOTAL DEPTH <i>1800</i>                 |  | KIND <i>Hughes</i>                   |  | KIND               |  |
| FOOTAGE DRILLED <i>520</i>                       |  | SERIAL NO. <i>8050</i>               |  | SERIAL NO.         |  |
| FORMATION                                        |  | SIZE <i>7 7/8</i>                    |  | SIZE               |  |
| OPERATION AT REPORT TIME <i>Tripping for bit</i> |  | TYPE <i>X 3A</i>                     |  | TYPE               |  |
|                                                  |  | NO. & SIZE WATER COURSES <i>3/14</i> |  | NO. & SIZE COURSES |  |
|                                                  |  | OUT <i>2320</i>                      |  | OUT                |  |
|                                                  |  | IN <i>465</i>                        |  | IN                 |  |
|                                                  |  | FEET MADE <i>1835</i>                |  | FEET MADE          |  |
|                                                  |  | HOURS <i>42 3/4</i>                  |  | HOURS              |  |

| MUD PROPERTIES    |                          | MUD USED          |                   | SLOPE TESTS                                      |                       |
|-------------------|--------------------------|-------------------|-------------------|--------------------------------------------------|-----------------------|
| WT. <i>9.5</i>    | OIL                      | <i>4400 # gel</i> |                   | <i>3° 1900'</i>                                  |                       |
| VIS. <i>65</i>    | WATER                    |                   |                   | <i>27 1/2° 2000'</i>                             |                       |
| W. L. <i>12.0</i> | SOLIDS                   |                   |                   |                                                  |                       |
| F. C. <i>2/32</i> | SAND                     |                   |                   |                                                  |                       |
| P. F.             | P. M.                    |                   |                   |                                                  |                       |
| CHLORIDE          | P. H. <i>8.0</i>         |                   |                   |                                                  |                       |
| SALT              | CAL.                     | OIL ADDED         |                   |                                                  |                       |
| PUMP <i>1</i>     | LINERS <i>5 1/2 x 14</i> | SPM <i>66</i>     | PRESS. <i>800</i> | ROTARY RPM <i>80</i>                             | BIT WT. <i>20,000</i> |
| PUMP              | LINERS                   | SPM               | PRESS.            | DRILL COLLARS: O. D. <i>6 1/4</i> FT. <i>612</i> |                       |
| PUMP              | LINERS                   | SPM               | PRESS.            |                                                  |                       |

|                                    |                          |
|------------------------------------|--------------------------|
| TOTAL DRILLING HOURS <i>18 1/4</i> | OTHER HOURS <i>5 3/4</i> |
|------------------------------------|--------------------------|

## REMARKS: (REPORT DETAIL)

*1/4 Rig Service*

*1 1/4 Surveys*

*3/4 Mix mud build volume*

*18 1/4 Drilling*

*1/2 Air spl.*

*3 Tripping*

*Temp. -16°*

|                           |                           |
|---------------------------|---------------------------|
| DATE <i>March 27 1969</i> | RIG NO. <i>Reprint 29</i> |
|---------------------------|---------------------------|

# TOOLPUSHERS TWENTY-FOUR HOUR DRILLING REPORT

KM-1032-A  
 WELL NAME: Kris Mc Gee-John Marie C-72 OPERATOR: KM 6 - NW TOOLPUSHER NAME: PerDugame

|                          |                     |                          |               |                    |  |
|--------------------------|---------------------|--------------------------|---------------|--------------------|--|
| TOTAL DEPTH TODAY        | <u>Confidential</u> | BIT NO.                  | <u>1</u>      | BIT NO.            |  |
| PREVIOUS TOTAL DEPTH     | <u>750</u>          | KIND                     | <u>HW</u>     | KIND               |  |
| FOOTAGE DRILLED          | <u>—</u>            | SERIAL NO.               | <u>8050</u>   | SERIAL NO.         |  |
| FORMATION                | <u>—</u>            | SIZE                     | <u>7 3/4</u>  | SIZE               |  |
| OPERATION AT REPORT TIME | <u>Drilling</u>     | TYPE                     | <u>X-3A</u>   | TYPE               |  |
|                          |                     | NO. & SIZE WATER COURSES | <u>3-14</u>   | NO. & SIZE COURSES |  |
|                          |                     | OUT                      | <u>—</u>      | OUT                |  |
|                          |                     | IN                       | <u>750</u>    | IN                 |  |
|                          |                     | FEET MADE                | <u>—</u>      | FEET MADE          |  |
|                          |                     | HOURS                    | <u>25 3/4</u> | HOURS              |  |

| MUD PROPERTIES |            | MUD USED          |                   | SLOPE TESTS |                             |
|----------------|------------|-------------------|-------------------|-------------|-----------------------------|
| WT.            | <u>9.5</u> | OIL               | <u>2000 # Gel</u> | <u>880</u>  | <u>1/4</u>                  |
| VIS.           | <u>45</u>  | WATER             |                   | <u>1110</u> | <u>3/4</u>                  |
| W. L.          |            | SOLIDS            |                   | <u>1420</u> | <u>1 1/4</u>                |
| F. C.          |            | SAND              |                   |             |                             |
| P. F.          |            | P. M.             |                   |             |                             |
| CHLORIDE       |            | P. H.             | <u>9.5</u>        |             |                             |
| SALT           |            | CAL.              |                   |             |                             |
|                |            | OIL ADDED         |                   |             |                             |
| PUMP           |            | LINERS            | SPM               | PRESS.      | ROTARY RPM                  |
| <u>1</u>       |            | <u>5 1/2 x 14</u> | <u>750</u>        | <u>750</u>  | <u>85-125</u>               |
| PUMP           |            | LINERS            | SPM               | PRESS.      | BIT WT.                     |
|                |            |                   |                   |             | <u>5-38000</u>              |
| PUMP           |            | LINERS            | SPM               | PRESS.      | DRILL COLLARS: O. D.        |
|                |            |                   |                   |             | <u>6 1/4</u> FT. <u>612</u> |

TOTAL DRILLING HOURS 21 1/4 OTHER HOURS 2 3/4

REMARKS: (REPORT DETAIL)

1/2 hr. Rig Service  
3/4 hr. Repair Bailor  
1 1/2 hr. Surveys  
21 1/2 hr. Drilling, running light weight to central deviation

Temp (-10°) Hazy

DATE: MARCH 26 RIG NO.: REGENT 29

## TOOLPUSHERS TWENTY-FOUR HOUR DRILLING REPORT

KM-1032-A

WELL NAME

OPERATOR

TOOLPUSHER NAME

|                          |          |                          |       |
|--------------------------|----------|--------------------------|-------|
| TOTAL DEPTH TODAY        | 750      | BIT NO.                  |       |
| PREVIOUS TOTAL DEPTH     | 465      | KIND                     | H/W   |
| FOOTAGE DRILLED          | 285      | SERIAL NO.               |       |
| FORMATION                | —        | SIZE                     | 7 3/4 |
| OPERATION AT REPORT TIME | Drilling | TYPE                     | X-3A  |
|                          |          | NO. & SIZE WATER COURSES | 3-14  |
|                          |          | OUT                      | —     |
|                          |          | IN                       | 465   |
|                          |          | FEET MADE                | 285   |
|                          |          | HOURS                    | 4 1/2 |

| MUD PROPERTIES |     | MUD USED  |            | SLOPE TESTS   |         |
|----------------|-----|-----------|------------|---------------|---------|
| WT.            | 8.8 | OIL       | none       |               |         |
| VIS.           | 20  | WATER     |            |               |         |
| W.L.           |     | SOLIDS    |            |               |         |
| F.C.           |     | SAND      |            |               |         |
| P.F.           |     | P.M.      |            |               |         |
| CHLORIDE       |     | P.H.      |            |               |         |
| SALT           |     | CAL       |            |               |         |
|                |     | OIL ADDED |            |               |         |
| PUMP           | 1   | LINERS    | 7 3/4 x 14 | SPM           | 66      |
|                |     |           |            | PRESS.        | 650     |
|                |     |           |            | ROTARY RPM    | 85      |
|                |     |           |            | BIT WT.       | 30000   |
| PUMP           |     | LINERS    |            | SPM           |         |
|                |     |           |            | PRESS.        |         |
|                |     |           |            | ORI.          |         |
|                |     |           |            | COLLARS: O.D. | 6 1/2   |
|                |     |           |            |               | FT. 600 |
| PUMP           |     | LINERS    |            | SPM           |         |
|                |     |           |            | PRESS.        |         |

|                      |       |             |        |
|----------------------|-------|-------------|--------|
| TOTAL DRILLING HOURS | 4 1/2 | OTHER HOURS | 19 1/2 |
|----------------------|-------|-------------|--------|

REMARKS (REPORT DETAIL)

|           |                                          |
|-----------|------------------------------------------|
| 10 1/4 hr | W.D.C. & N.H.                            |
| 2 1/4 hr  | Repair mud line valve                    |
| 3 1/2 hr  | Trip in hole                             |
| 1 1/2 hr  | Repair pump                              |
| 2 3/4 hr  | Drill out insert float and cement        |
| 1 hr      | Pressure Test casing and BOP to 1000 psi |
| 1 hr      | Drill Mud choke                          |
| 3 1/2 hr  | Clean Mud Tank                           |
| 9 1/2 hr  | Drilling                                 |
| 1/2 hr    | Survey                                   |

Casing 684, KB elev 698. KB to Casing Flange 13.00

Weather: Cloudy &amp; snowing - Temp -6°

DATE

RIG NO.

MARCH

25/69

RECENT 24

## TOOLPUSHERS TWENTY-FOUR HOUR DRILLING REPORT

KM-1032-A

WELL NAME

OPERATOR

TOOLPUSHER NAME

Kerr-McCormick Tank Co. C-73 KMC

L. L. L. L.

|                          |        |                          |        |                    |  |
|--------------------------|--------|--------------------------|--------|--------------------|--|
| TOTAL DEPTH TODAY        | 465    | BIT NO.                  | 1A     | BIT NO.            |  |
| PREVIOUS TOTAL DEPTH     | 114    | KIND                     | 2 1/2  | KIND               |  |
| FOOTAGE DRILLED          | 151    | SERIAL NO.               | -      | SERIAL NO.         |  |
| FORMATION                | -      | SIZE                     | 12 1/4 | SIZE               |  |
| OPERATION AT REPORT TIME | W.C.C. | TYPE                     | 5-3    | TYPE               |  |
|                          |        | NO. & SIZE WATER COURSES | 3- 3/4 | NO. & SIZE COURSES |  |
|                          |        | OUT                      | 465    | OUT                |  |
|                          |        | IN                       | 0      | IN                 |  |
|                          |        | FEET MADE                | 465    | FEET MADE          |  |
|                          |        | HOURS                    | 19     | HOURS              |  |

| MUD PROPERTIES |            | MUD USED  |           | SLOPE TESTS |                      |
|----------------|------------|-----------|-----------|-------------|----------------------|
| WT.            | 9.6        | OIL       | 800 # Gel | 25          | 3/4                  |
| VIS.           | 65         | WATER     |           | 370         | 1/4                  |
| W. L.          |            | SOLIDS    |           | 460         | 1/2                  |
| F. C.          |            | SAND      |           |             |                      |
| P. F.          |            | P. M.     |           |             |                      |
| CHLORIDE       |            | P. H.     |           |             |                      |
| SALT           |            | CAL       |           |             |                      |
|                |            | OIL ADDED |           |             |                      |
| PUMP           |            | LINERS    | SPM       | PRESS.      | ROTARY RPM           |
| 1              | 7 1/2 x 14 | 66        | 200       | 100         | 10000                |
| PUMP           |            | LINERS    | SPM       | PRESS.      | DRILL COLLARS: O. D. |
|                |            |           |           |             | FT.                  |
| PUMP           |            | LINERS    | SPM       | PRESS.      |                      |

TOTAL DRILLING HOURS

5 3/4

OTHER HOURS

18 1/4

REMARKS: (REPORT DETAIL)

1/2 hr Rig Service; 5 3/4 Drilling; 3/4 hr Survey; 2 1/2 hr Tripping;  
 1 1/2 hr Circulate for casing; 1/2 hr clean casing; 1/2 hr Rig to  
 casing; 2 1/2 hr running surface casing; 1 1/2 hr circulating; 3/4 hr cementing  
 7 3/4 hr W. O. C.

Casing: Run 15 Jts 8 5/8" O.D. 240# J-55 ST4C 8 R.R. 2 and 3 with Baker  
 float valve, cement float and 4 centralizers. Total 470' 20", landed  
 at 465' RKB. Mixed 285 ex. cement cement of 27% CaCl<sub>2</sub>, 15 4-15 1/2" heavy  
 Plugdown at 12:19 AM MARCH 24 with 1000 psi, float valve and gas return  
 throughout, circulated 12 hrs cement to surface.

TEMP. O. N. and This AM - 0°, clear and cold

TIGHT HOLES - ALL IN 2 CONFIDENTIAL

DATE

MARCH 24 1955

RIG NO.

KERR-MCCORMICK

# TOOLPUSHERS TWENTY-FOUR HOUR DRILLING REPORT

KM-1032-A

WELL NAME

*Kerr McLean Jean Marie C-73*

OPERATOR

*R. J. E.*

TOOLPUSHER NAME

*Bert...*

|                          |                 |                          |               |                    |  |
|--------------------------|-----------------|--------------------------|---------------|--------------------|--|
| TOTAL DEPTH TODAY        | <i>314</i>      | BIT NO.                  | <i>1A</i>     | BIT NO.            |  |
| PREVIOUS TOTAL DEPTH     | <i>0</i>        | KIND                     | <i>Sec.</i>   | KIND               |  |
| FOOTAGE DRILLED          | <i>314</i>      | SERIAL NO.               | <i>-</i>      | SERIAL NO.         |  |
| FORMATION                | <i>-</i>        | SIZE                     | <i>12 1/4</i> | SIZE               |  |
| OPERATION AT REPORT TIME | <i>Drilling</i> | TYPE                     | <i>S-3</i>    | TYPE               |  |
|                          |                 | NO. & SIZE WATER COURSES | <i>3-3/4</i>  | NO. & SIZE COURSES |  |
|                          |                 | OUT                      | <i>--</i>     | OUT                |  |
|                          |                 | IN                       | <i>0</i>      | IN                 |  |
|                          |                 | FEET MADE                | <i>314</i>    | FEET MADE          |  |
|                          |                 | HOURS                    | <i>13 1/4</i> | HOURS              |  |

| MUD PROPERTIES |            | MUD USED          |                     | SLOPE TESTS |                             |
|----------------|------------|-------------------|---------------------|-------------|-----------------------------|
| WT.            | <i>9.6</i> | OIL               | <i>3200 # Gel</i>   | <i>50'</i>  | <i>10</i>                   |
| VIS.           | <i>47</i>  | WATER             | <i>50 # Caustic</i> | <i>90'</i>  | <i>10</i>                   |
| W. L.          |            | SOLIDS            |                     | <i>120</i>  | <i>7/8</i>                  |
| F. C.          |            | SAND              |                     | <i>120</i>  | <i>1/2</i>                  |
| P. F.          |            | P. M.             |                     | <i>240</i>  | <i>1/2</i>                  |
| CHLORIDE       |            | P. H.             |                     |             |                             |
| SALT           |            | CAL.              |                     |             |                             |
|                |            | OIL ADDED         |                     |             |                             |
| PUMP           |            | LINERS            | SPM                 | PRESS.      | ROTARY RPM                  |
| <i>1</i>       |            | <i>7 1/4 x 14</i> | <i>65</i>           | <i>175</i>  | <i>100</i>                  |
| PUMP           |            | LINERS            | SPM                 | PRESS.      | DRILL COLLARS: O. D.        |
|                |            |                   |                     |             | <i>6 1/4</i> FT. <i>268</i> |
| PUMP           |            | LINERS            | SPM                 | PRESS.      |                             |

|                      |               |             |               |
|----------------------|---------------|-------------|---------------|
| TOTAL DRILLING HOURS | <i>13 1/4</i> | OTHER HOURS | <i>10 3/4</i> |
|----------------------|---------------|-------------|---------------|

REMARKS: (REPORT DETAIL)

*Spd. at 2:45 AM MARCH 22, 1969*

*3/4 Rig Service*

*1/2 Mix Mud*

*3 Drill Rat-hole*

*1 1/4 Drill Mouse-hole*

*2 3/4 Repaired cellar and mud pit*

*2 1/2 Survey*

*13 1/4 Drilling*

*Temp. at 1st Turn - 6°, low for site, approx. 50°*

*TIGHT HOLE - ALL INFO CONFIDENTIAL*

DATE

*MARCH 22 1969*

RIG NO.

*RECENT 29*

## TOOLPUSHERS TWENTY-FOUR HOUR DRILLING REPORT

KM-1032-A

WELL NAME

OPERATOR

TOOLPUSHER NAME

|                                |                 |                          |  |                    |  |
|--------------------------------|-----------------|--------------------------|--|--------------------|--|
| Kerr-McGee Toolpusher Co. - 77 |                 | Kerr-McGee               |  | D. J. ...          |  |
| TOTAL DEPTH TODAY              | 0               | BIT NO.                  |  | BIT NO.            |  |
| PREVIOUS TOTAL DEPTH           | 0               | KIND                     |  | KIND               |  |
| FOOTAGE DRILLED                | 0               | SERIAL NO.               |  | SERIAL NO.         |  |
| FORMATION                      | -               | SIZE                     |  | SIZE               |  |
| OPERATION AT REPORT TIME       | Digging Rathole | TYPE                     |  | TYPE               |  |
|                                |                 | NO. & SIZE WATER COURSES |  | NO. & SIZE COURSES |  |
|                                |                 | OUT                      |  | OUT                |  |
|                                |                 | IN                       |  | IN                 |  |
|                                |                 | FEET MADE                |  | FEET MADE          |  |
|                                |                 | HOURS                    |  | HOURS              |  |

| MUD PROPERTIES |        | MUD USED  |        |                      | SLOPE TESTS |
|----------------|--------|-----------|--------|----------------------|-------------|
| WT.            | OIL    |           |        |                      |             |
| VIS.           | WATER  |           |        |                      |             |
| W. L.          | SOLIDS |           |        |                      |             |
| F. C.          | SAND   |           |        |                      |             |
| P. F.          | P. M.  |           |        |                      |             |
| CHLORIDE       | P. H.  |           |        |                      |             |
| SALT           | CAL.   | OIL ADDED |        |                      |             |
| PUMP           | LINERS | SPM       | PRESS. | ROTARY RPM           | BIT WT.     |
| PUMP           | LINERS | SPM       | PRESS. | DRILL COLLARS: O. D. | FT.         |
| PUMP           | LINERS | SPM       | PRESS. |                      |             |

|                      |   |             |    |
|----------------------|---|-------------|----|
| TOTAL DRILLING HOURS | 0 | OTHER HOURS | 24 |
|----------------------|---|-------------|----|

REMARKS (REPORT DETAIL)

24 hrs finished rigging up rig tools, finished cement lining water. Digging rathole + M4 with relay, expect to spool surface hole about Noon Today

Temp: Friday (Monk 2.0) + 43, cooler weather forecast  
Low Friday night + this AM + 6, cloudy

TIGHT HOLE - ALL INFO CONFIDENTIAL

DATE

RIG NO.

April 22, 1964

RESENT 24

# TOOLPUSHERS TWENTY-FOUR HOUR DRILLING REPORT

KM-1032-A

WELL NAME

OPERATOR

TOOLPUSHER NAME

*Red Lake Area Trap Hill E-73*

*KMB No. 112*

*Carlson*

|                          |                                |                          |          |                    |  |
|--------------------------|--------------------------------|--------------------------|----------|--------------------|--|
| TOTAL DEPTH TODAY        | <i>0</i>                       | BIT NO.                  |          | BIT NO.            |  |
| PREVIOUS TOTAL DEPTH     | <i>0</i>                       | KIND                     | <i>—</i> | KIND               |  |
| FOOTAGE DRILLED          | <i>0</i>                       | SERIAL NO.               |          | SERIAL NO.         |  |
| FORMATION                | <i>—</i>                       | SIZE                     |          | SIZE               |  |
| OPERATION AT REPORT TIME | <i>Rigging up Rotary tools</i> |                          | TYPE     | TYPE               |  |
|                          |                                | NO. & SIZE WATER COURSES |          | NO. & SIZE COURSES |  |
|                          |                                | OUT                      |          | OUT                |  |
|                          |                                | IN                       |          | IN                 |  |
|                          |                                | FEET MADE                |          | FEET MADE          |  |
|                          |                                | HOURS                    |          | HOURS              |  |

| MUD PROPERTIES |          | MUD USED |           | SLOPE TESTS         |         |
|----------------|----------|----------|-----------|---------------------|---------|
| WT.            | <i>—</i> | OIL      |           |                     |         |
| VIS.           |          | WATER    |           |                     |         |
| W. L.          |          | SOLIDS   |           |                     |         |
| F. C.          |          | SAND     |           |                     |         |
| P. F.          |          | P. M.    |           |                     |         |
| CHLORIDE       |          | P. H.    |           |                     |         |
| SALT           |          | CAL.     | OIL ADDED |                     |         |
| PUMP           | LINERS   | SPM      | PRESS.    | ROTARY RPM          | BIT WT. |
| PUMP           | LINERS   | SPM      | PRESS.    | DRILL COLLARS: O.D. | FT.     |
| PUMP           | LINERS   | SPM      | PRESS.    |                     |         |

TOTAL DRILLING HOURS

*0*

OTHER HOURS

*2 1/2*

REMARKS: (REPORT DETAIL)

*24 hrs Moving in and rigging up rotary tools. All equipment in location. Should start about midnite tonight or early Sat.*

*Note Temp approx 5-10 above*

*Temp yesterday PM - 18° above ~~zero~~ Thursday.*

*Temp back into 8° above*

*Monday 10-15° above*

*Tuesday into -29° below*

*Note: Drilling Authority # 366 (Ken. & Ont. of Canada, Northw. & C.L.D.)*

*Explor. & Licenses # 1 & 21 to March 31. "1282 & 1283"*

DATE

*MARCH 31 1969*

RIG NO.

*Rig # 29*